# Curriculum Committee Meeting Agenda

#### **Voting Committee Members**

Chair – Pam Morse (Math)

Vice Chair - Mimi Pentz (Nurs/Hlth Occ)

Kristen Booth (Pre-Coll/ESOL) Emilie Miller (Science) Robert Wells-Clark (Tec/Trad)

LOA-Jenn Kamrar (Art/Comm) Rebecca Schwartz (Inst Dean)
Andrea LoMonaco (Business) Stephen Shwiff (Soc Sci & Ed)

Non-Voting Committee Members

Jarett Gilbert (VP Instructional Services) Mary Martin (Student Services/Registrar)

Susan Lewis (Curriculum)

Support Staff Guests

Sara Wade (Instructional Services) Mike Davis, Glenn Wood

#### February 9, 2023 3:30 am - 5:00 pm

The Dalles Campus, room 1.162 (Board Room, Building 1 next to cafe)

Hood River Center, room 1.209 (conference room)

Requesting that members attend in person if at all possible. But if there are reasons that make it impossible, members may attend via the following zoom link.

Zoom log-in: <a href="https://cqcc.zoom.us/j/85337189447">https://cqcc.zoom.us/j/85337189447</a> Meeting ID: 853 3718 9447;

phone in: 1-253-215-8782

Approval of January 26, 2023 minutes 1

#### Old Business

1. Contact Hour Definitions (postponed)

#### Submissions <sup>2</sup>

- 1. Mike Davis (3:35 3:40 pm)
  - UAS 101 Introduction to Unmanned Aircraft Systems (Course Revision: title, des)
  - UAS 102 Small Unmanned Aircraft Systems: Aerial Photogrammetry (Course Revision: title)
  - Professional Small Unmanned Aircraft Systems (Certificate Revision: cert title, course titles)
- 2. Glenn Wood (3:40 4:20 pm)
  - CT 102 Footings and Foundations (Course Revision: title, out, cont)
  - CT 103 Building Materials and Methods (Course Revision: out, cont)
  - CT 104 Floor Framing (Course Revision: out, cont)
  - CT 105 Wall and Ceiling Framing (Course Revision: out, cont)
  - CT 106 Roof Framing (Course Revision: out, cont)
  - CT 110 Electrical Wiring Basics (Course Revision: title, out, cont)
  - CT 111 Plumbing Basics (Course Revision: out, cont)
  - CT 112 Basic Stair Construction (Course Revision: out, cont)
  - CT 113 Building Decks and Porches (Course Revision: title, out, cont)
  - CT 114 Windows and Interior Doors (Course Revision: out, cont)
  - CT 115 Interior and Exterior Finishes (Course Revision: out, cont)
  - CT 221 Advanced Materials and Methods (Course Revision: des, reg, out, cont)
  - CT 222 Advanced Foundations: Concrete (Course Revision: title, des, req, out, cont)
  - CT 223 Fences, Handrails and Gates (Course Revision: des, reg, out, cont)

- CT 230 Roofing and Siding (Course Revision: des, req, out, cont)
- CT 231 Sheetrock/Drywall Basics (Course Revision: des, reg, out, cont)
- CT 232 Flooring Basics (Course Revision: des, reg, out, cont)
- CT 233 Green Building (Course Revision: title, des, req, out, cont)
- CT 100 Building Layout (New CTE Course)
- CT 241 Hardware, Adhesives, Sealants & Flashings (New CTE Course)
- CT 242 Estimating Materials & Labor (New CTE Course)
- CT 243 Prints, Drawings and Plans (New CTE Course)
- Construction Technology AAS (Degree Revision)
- Construction Technology (Certificate Revision)
- Construction Technology Finishing (New Certificate)

#### **New Business**

1. Suggested Text/Materials requirement – continued from 1.26.23 (4:20 – 4:40 pm)

#### **Discussion Items**

1. Standard Prerequisites – Changing pre/co-requisite WR 121 to prerequisite WR 115 (4:40 – 5:00 pm, Rebecca)

Next Meeting: February 16, 2023

Attachments: <sup>1</sup> January 26, 2023 CC Minutes; <sup>2</sup> Submissions (4 New CTE Courses, 20 Course Revisions, 1 Degree Revision, 1 New Certificate, 2 Certificate Revisions)

# Curriculum Committee Minutes January 26, 2023 3:30 to 5pm

**Location:** Zoom Only

Rebecca Schwartz (Inst Dean)

PRESENT:

**Voting Committee Members** 

Chair- Pam Morse (Math)

Vice Chair- Mimi Pentz (Nurs/Hlth)

Stephen Shwiff (Social Science)

Robert Wells-Clark (Ind/Trade)

Andrea LoManaco (Business)
Kristen Booth (Pre-College)

Emilie Miller (Science)

**Non-Voting Committee Members** 

Susan Lewis (Curriculum)
Mary Martin (Student Services)

Supporting Staff Guests

Sara Wade (Instructional Services)

**ABSENT** 

<u>Voting Members</u> <u>Non-Voting Committee Members</u>

Jenn Kamrar (Art,Cult,Comm) **LOA**Jarett Gilbert (VP Instructional Services)

Item	Discussion	Action
Call to Order: 3:33pm	The meeting was called to order by chair Pam Morse.	
Approval of November 3, 2023 meeting minutes.	Motion: approve as written.	Motion: Rebecca 2nds: Mimi 8 in favor – 0 opposed – 0 abstains
Old Business:		
Contact Hour Definitions     (Postponed)		

Submissions:		
UAS 101 Introduction to Unmanned Aircraft	Mike explained the proposed changes for the UAS program and the	Motion: Stephen
Systems (Course Revision: des, out, cont,	plans for the future.	2nded: Emilie
txt/mat)	Motion: approve as written.	8 in favor – 0 opposed – 0 abstained
UAS 200 sUAS Professional Remote Pilot I		Motion: Kristen
(New CTE Course)		2nded: Mimi
	Motion: approve as written	8 in favor – 0 opposed – 0 abstained
Professional Small Unmanned Aircraft		Motion: Kristen
Systems (New Certificate)		2nded: Stephen
	Motion: approve as written	8 in favor – 0 opposed – 0 abstained
Professional Small Unmanned Aircraft		Motion: Mimi
Systems (Certificate Suspension, Teach Out		2nded: Emilie
Plan, Termination of Program Checklist)	Motion: approve as written	8 in favor – 0 opposed – 0 abstained
MTH 65 Beginning Algebra II	Pam explained the only change is the title. The title change is due	Motion: Stephen
(Course Revision: title)	to the college not offering Beginning Algebra I, so it didn't make	2nded: Mimi
	sense to offer a Beginning Algebra II.	8 in favor – 0 opposed – 0 abstained
	Motion: approve as written	
Modified Degree/Certificate Revision (MTH		Motion: Kristen
65 title revision)		2nded: Robert
	Motion: approve as written	0 in favor – 0 opposed – 0 abstained
IRW 115L Foundations of Critical Reading		Motion: Kristen
and Writing (Course Revision: req, des)		2nded: Mimi
	Motion: approve as written	8 in favor – 0 opposed – 0 abstained
Many Dusiness		
New Business:  1. Approval of Administrative Rules and	Susan shared the update changes that she made to the	Motion 1: Stephen
Operating Procedures updates	committee's ARs and OPs. All changes were minor some due to	2nded: Rebecca
AR040.035.000 Occupational	word changes to name/title changes. Discussion regarding whether	8 in favor – 0 opposed – 0 abstained
Supplementary	collective bargaining language should remain. Decided not to retain	o iii iavoi – o opposeu – o abstailleu
	that language.	

	Courses/Continuing Education		
	Units	Motion #1: approve AR040.035.0000 as written	Motion 2: Kristen
	• OP 040.035.001		2nded: Robert
	Occupational	Motion #2: approve OP 040.035.001 as written	8 in favor – 0 opposed – 0 abstained
	Supplementary		
	Courses/Continuing	Motion #3: approve AR 040.037.000 as written	Motion 3: Mimi
	Education Units		2nded: Emilie
	<ul> <li>AR 040.037.000 Termination of</li> </ul>	Motion #4: approve OP 040.037.001 as written	8 in favor – 0 opposed – 0 abstained
	a Program		
	• OP 040.037.001		Motion 4: Kristen
	Termination of a		2nded: Andrea
	Program		8 in favor – 0 opposed – 0 abstained
2.	Addition of make-up CC meeting in late	Susan suggested due to the need of a make-up meeting, would	Motion: Rebecca
	February	February 16, 2023 be a good day for all? Andrea may be unavailable	2nded: Mimi
		but all the rest said they could make that date work.	8 in favor – 0 opposed – 0 abstained
		Motion: to schedule the CC make up meeting for February 16,	
		2023.	
3.	Gen Ed Request updates for CCN	Common Course Numbering revisions will result in revised titles,	Motion: Rebecca
	revisions	descriptions and outcomes. Susan reminded the committee that it	2nded: Mimi
		is the established process that if a course with a Gen Ed designation	6 in favor – 0 opposed – 1 abstained
		revises its outcomes, the course is required to update its Gen Ed	
		Request as well. Would the committee be willing to simplify this	
		process, allowing for a quicker turn around, by permitting Gen Ed	
		designated courses to skip the required update to the Gen Ed	
		Request, recognizing that the change in outcomes requested by the	
		state is not a significant change in the intent of the course.	
		Motion: For Common Course Numbering revisions only, suspend	
		the requirement for Gen Ed course revisions that include	
		outcomes revisions to submit an accompanying updated Ged Ed	
		Request form.	
4.	Refusal to include entry for Text &	Susan brought to the committee's attention that some faculty are	Motion: Stephen
	Materials section on CCOG	refusing to include suggested Text & Materials when they are	2nded: Mimi
		completing the CCOG updates. Requesting direction on how they	8 in favor – 0 opposed – 0 abstained
		want this handled.	
		It was asked whether Susan should be the "Gate Keeper" of	
		these changes, or should these issues come directly to the	
		CC for a discussion/decision. Susan noted that CCOG	

	updates are not required to go before the committee for approval.  The committee ran out of time so it was proposed to bring this discussion back to the next CC meeting. And to invite the faculty to weigh in to the discussion, expressing their reasoning for this refusal.  Motion: to bring back the discussion of Refusal of Text & Materials section on the CCOG to the next meeting.	
Discussion Items:		
Credit for Prior Learning –     questions for Katherine Aiken and     CC     What would be CC and at the	Katherine reintroduced herself to the group. She explained what courses the CPL committee will be bringing to the Curriculum Committee.	
<ul> <li>What may the CC expect to have coming before it for review and approval?</li> <li>Does the CC envision any potential curricular issues when courses are approved for CGCC's catalog of courses, however, the courses are not offered/taught?</li> <li>Portfolios class – please describe. Will students be required to take this course for each CPL request, or is it required only once.</li> <li>What research has been done regarding transfer of CPL credit to universities.</li> </ul>	<ul> <li>There will be three new CPL course coming before the committee in early March.</li> <li>Native Tribes – traditions, culture, customs</li> <li>Hispanic Community- Traditional cooking, Holidays, Language, Traditions</li> <li>Community Service and Civic Engagement</li> <li>Discussion included:</li> <li>Appropriate prefix for these course - a possible SOC for the two culture courses and a possible PS for community service and Civic Engagement.</li> <li>Creation of a portfolio class through which students will develop portfolios that will provide evidence of their knowledge and experience of the outcomes/content of a specific course.</li> <li>Portfolios will be evaluated by Faculty, Staff and Community members that have expertise in the subject.</li> <li>Identifying CPL courses in the catalog and on the website even though they may not actually be offered/taught. What format might that take?</li> <li>Concerns regarding transferability of CPL credits. Rebecca provided assurances that universities will accept these credits the same as if the student took the course in the traditional method.</li> </ul>	

	<ul> <li>Suggested this could be covered as a professional development training.</li> </ul>	
Meeting Adjourned: 5:07pm	Rebecca motioned to end the meeting seconded Mimi, all in	Next Meeting: February 9, 2023
	favor. Meeting ended at 5:07pm	

CC decision CC vote

# Columbia Gorge Community College

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(Double click on check boxes to activate dialog box)						
What are you seeking	to revise? Check all that apply					
Course number	Req	uisites	Related Instruction			
	Out	comes	Content			
Description	Rep	eatability	Text / Materials			
SECTION #1 GENERA	L INFORMATION & REVISIONS					
Department	Trades & Technology - UAS	Submitter name Phone Email	Mike Davis 503.680.6384			
Current prefix and number	UAS 101	Proposed prefix and number	No change			
Current course title	Introduction to Unmanned Aircraft Systems	Proposed title (60 characters max)	Introduction to Uncrewed Aircraft Systems			
Current Repeatability	0	Proposed Repeatability	No change			
Current transcript title (30 characters max)  Intro to Unmanned Aircraft Sys		Proposed transcript title (30 characters max)	Intro to Uncrewed Aircraft Sys			
Reason for above proposed changes	Remove gender specific langua	age from course title.				
description with an a		ses: "This course will	Begin each sentence of the course" and/or "Students will" Include tions can be found at Writing			
	ent Description her being revised or not)	Pro	oposed Description			
Systems (UAS), included eveloping role in moderal line in the line	odern aviation history. tions, UAS systems, human	Systems (UAS), inclurole in modern aviatapplications, UAS sypower systems, comregulations, public pu	amentals of <b>Uncrewed</b> Aircraft uding their history and developing tion history. Includes UAS ystems, human factors, UAS design, munications systems, FAA policies and the future potential of A exam requirements. Prerequisites: 115 or WR 115, MTH 65 or MTH 98.			
Reason for description change	Remove gender specific langua	age from course desc	ription.			

requisites: "Prerequisi	te: MTH 20 or equivalent placer				uisite/concurre	nt. \	WR 121 " If the
	set the RD, WR and/or MTH prer			•			
	Prerequisites Request form.	0 90.0.0			o., you		
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	Prerequisite/concurrent: WR	121					
Placement into:		T		-		1	
prefix & number:		Pre	erequisite		Corequisite		] pre/con
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Reason for	No change						
requisite changes							
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through the application of direct and/or indirect assessment strategies. Three to six outcomes are							
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recommended. Start 6	each outcome with an active ver	ssment b, comp	strategies.	Thre	e to six outcon	nes a	are
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recommended. Start of Writing Learning Outon ****NOTE: Gen Ed Cour Cultural Literacy Requirement learning ou Upon successful complete 1. Identify the funct 2. Recognize the capaclasses of UAS plates 3. Prepare a mission planning process 4. Understand the city 5. Apply the requirement Federal Aviation Aprilot License. 6. Identify hazards a risk controls 7. Identify ethical ist responses. 1. Understand auton in the control of the control o	each outcome with an active ver- comes on the curriculum websiteses revising outcomes are requi- uest form will also be required of tecomes (required whether being oletion of this course, students with the components of the components and processes necessary of the components and processes necessary of the components	ssment b, comp e.) red to s red to s revised will be a ous type the UAS to obtai on for R and pres	ubmit a new purse with a d or not) able to: es and mission n emote escribe	Threesentes w Ger a Cult Upor	e to six outcon ence starter pro n Ed Request for tural Literacy of New learning n successful co se, students wi	orm.  lesig  mpl	are ed. (See  . A new gnation.*** utcomes etion of this
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Course Content –	No change
organized by	
outcomes (list each	
outcome followed by	
an outline of the	
related content):	
Suggested Texts &	No change
Materials updates	
(specify if any texts	
or materials are	
required):	

				_			
lc.	thic	COLLEGA	LICAN	tor	rolatod	inctri	iction)
12	นเมอ	course	uscu	101	ıcıaıcu	าบารนาน	16610111

	Y
X	Ν

Yes No

If yes, then check to see if the hours of student learning should be amended in the related instruction template to reflect the revision. This may require a related instruction curriculum revision.

SECTION #2 IMPACT ON OTHER DEPARTMENTS							
Are there changes being programs that require the	Yes No						
Please provide details, v	who was contacted and the resolution.						
Change title in EM-Tech	Change title in EM-Tech degree.						
Implementation term Summer, 2023							
Allow 2-6 months to co	mplete the approval process before scheduling the course.						

#### **SECTION #3 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean."

Submitter	Email			
Mike Davis	mdavis@cgcc.edu	2.2.23		
Department Chair (enter name of department chair): James Pytel				
Department Dean (enter name of department dean	): Robert Clark			

#### **NEXT STEPS:**

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cgcc.edu">curriculum@cgcc.edu</a> or <a href="mailto:slewis@cgcc.edu">slewis@cgcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee <u>meeting schedule and submission</u> <u>deadlines</u>. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.

CC decision CC vote

# Columbia Gorge Community College

	Columbia Gorge	Community Colle	ege cc vote			
	Cour	se Revision				
	(Double click on check	boxes to activate dialo	<mark>og box)</mark>			
What are you seeking	to revise? Check all that apply	У				
Course number	Re	quisites	Related Instruction			
	Ou	tcomes	Content			
Description	Re	peatability	☐ Text / Materials			
	<u> </u>		·			
SECTION #1 GENERA	L INFORMATION & REVISIONS					
Department	Trades & Technology - UAS	Submitter name Phone Email	Mike Davis 503.680.6384			
Current prefix and number	UAS 102	Proposed prefix and number	No change			
Current course title	Small Unmanned Aircraft Systems: Aerial Photogrammetry	Proposed title (60 characters max)	sUAS Aerial Photogrammetry			
Current Repeatability	0	Proposed Repeatability	No change			
Current transcript title (30 characters max)	sUAS Aerial Photogrammetry	Proposed transcript title (30 characters max)	No change			
Reason for above proposed changes	Reason for above  Remove gender specific language from course title					
description with an a	—	ases: "This course will	Begin each sentence of the course" and/or "Students will" Include tions can be found at Writing			
	Current Description					

<u>course Descriptions</u> .		
(red	Current Description quired whether being revised or not)	Proposed Description
including concepts, racquisition, mission a	mentals of photogrammetry with sUAS (drones), eal-world examples, navigation, best practices, data assessment, data processing and map delivery. M 111. Prerequisites: UAS 101. Audit available.	
Reason for description change	No change	

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Curre	nt prerequisites, corequisites an	d concurrent (if no cha	nge, leave blank)		
Standard requisite	s – Placement into MTH 65 or N Prerequisite/concurrent: WR				
Placement into:					
prefix & number:	prefix & number:				
	Proposed prerequisites, corequisites and concurrent				
Standard requisite	Standard requisites – Placement into MTH 65 or MTH 98				
	Prerequisite/concurrent: WR	121			
Placement into:			<u></u>		
prefix & number:		Prerequisite	Corequisite pre/con		
Reason for	No change				
requisite changes					
LEADNING OUTCOME	*. D				
	s: Describe what the student wil Junity citizen, global citizen or l		ere" (in their life roles as worker,		
	on of direct and/or indirect asses				
• • • • • • • • • • • • • • • • • • • •	ach outcome with an active ver				
	omes on the curriculum website		the starter provided. (See		
	ses revising outcomes are requi	•	n Ed Request form. A new		
Cultural Literacy Requ	est form will also be required o	f any course with a Cult	tural Literacy designation.***		
Current learnin	g outcomes (required whether b	eing revised or not)	New learning outcomes		
Upon successful comp	letion of this course, students v	vill be able to:	Upon successful completion		
1. Determine the cap	pabilities and limitations of pho	togrammetry.	of this course, students will		
2. Read and interpre	be able to:				
3. Prepare a sUAS mission and demonstrate data acquisition.			No change		
4. Apply knowledge analysis.	and demonstrate understanding	of point cloud data an			
•	sing best practices using indust	ry software.			
	nt commercial grade map produ	•			
7. Sit for the Pix4D 0					
8. Sit for the TOP Le	vel 2 Certification Exam.				
Reason for outcomes					
change	No change				
Course Content –	No change				
organized by					
outcomes (list each					
outcome followed by					
an outline of the					
related content):					
Suggested Texts &	No. of the control of				
Materials updates	No change				
(specify if any texts or materials are					
required):					
required).					

Is this course used for re	elated instruction?		Yes No			
f yes, then check to see if the hours of student learning should be amended in the related instruction						
template to reflect the r	evision. This may require a related instruction curriculum revision.					
SECTION #2 IMPACT ON	OTHER DEPARTMENTS					
Are there changes being		Yes				
programs that require th	is course as a prerequisite for courses, degrees, or certificates?	$\boxtimes$	No			
Please provide details, v	who was contacted and the resolution.					
Implementation term	Summer, 2023					
Allow 2-6 months to cor	mplete the approval process before scheduling the course.					

#### **SECTION #3 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean."

chair and dean."				
Submitter	Email	Date		
Mike Davis	mdavis@cgcc.edu	2.2.23		
Department Chair (enter name of department chair): James Pytel				
Department Dean (enter name of department dean	): Robert Clark			

#### **NEXT STEPS:**

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cgcc.edu">curriculum@cgcc.edu</a> or <a href="mailto:slewis@cgcc.edu">slewis@cgcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee <u>meeting schedule and submission</u> <u>deadlines</u>. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

# Columbia Gorge Community College

CC date	2.9.23	
CC decision		
CC vote		

CERTIFICATE REVISION				
Submitted by: Mike Davis	Email: mdavis@cgcc.edu	Phone: 503-680-6384	Department: CTE – UAS	

### (Double click on check boxes to activate dialog box)

	SECTION #1 OVERVIEW				
Current Title:	Professional Small Unmanned Aircraft	Systems	Proposed Title:	Profes	sional Small Uncrewed Aircraft Systems
Current Credits:	18		Proposed Credits:		No change
Overview and rationale for proposed changes:	Remove gender specific language from	certificate	and course titles.		
List of specific changes	1. Certificate title change				
being proposed which may include, addition or deletion	2. Course Title Changes: UAS 101, UAS	102			
of courses, title changes,					
credit changes, prerequisite					
changes, outcome changes,					
course changes etc. Use consistent words – Add,					
Remove, Increase, Decrease,					
Change					
Is this a Related Certificate?	☐ Yes       No	ls this a	Career Pathway?		☐ Yes       No
If yes, what is the base degree?					
Will the proposed changes affect the base degree or certificate?					Yes No
If yes, how?					
ls this a statewide certificate?	☐ Yes    No		ve the changes bee		Yes No

Does the revision important of the areas of instruct.  If yes, have you talked impacted departments resolved any and all	ion? No	Explanation of issues and	how they are being resolved:	Has the revision been validated by the Advisory Committee?  Date of Advisory Committee meeting:	☐ Yes ☐ No	
possible issues? Requested Implement						
Term	ation		Summer, 2023			
		SECTIO	N #2 DEVICION ADEAC			
		SECTIO	N #2 REVISION AREAS			
Does the revision invo	olve changing cert	cificate requisites?			Yes 🔀 No	
programs only have m students are not able	Note that degree/certificate/program entry prerequisites are only enforceable in limited entry programs. Program prerequisites for open entry programs only have meaning when they are representative of prerequisites associated to specific courses within the program. Prerequisites that students are not able to test out of using Next Gen Accuplacer result in hidden degree/certificate requirements and should be avoided. (Courses that may be tested out of using Next Gen Accuplacer include: RD 90, RD 115, WR 90, WR 115, MTH 20, MTH 60, MTH 65, MTH 95, MTH 98, MTH 105, MTH 111, MTH 112.)					
			ENT PREREQUISITES not prerequisites are being changed.)			
Course Number	Course Tit	le or Placement level	Requisites (if any)		Credits	
Course Number		and Writing or equiv	icquisites (ii arry)		5	
IRW 115	placement or	and writing or equiv	   ABE 75 or ABE 70 or GED 70 or equiv pl	acement	J	
or WR 115	•	o Expository Writing or	Placement into WR 115	deement	4	
MTH 65	Beginning Algeb placement	ra II or equivalent	Placement into MTH 65		4	
			OSED PREREQUISITES			
		•	hange, leave blank.)			
Course Number		le or Placement level	Requisites (if any)		Credits	
	No change					
All	certificate outcon		<b>TIFICATE OUTCOMES</b> committee regardless of whether or not o	utcomes have changed.		

Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global cit learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomended. Start each outcome with an active verb, completing the sentence starter provided. (See Writing Learning Outcomes website.)	omes are	3
Does the revision involve changing certificate outcomes?	Yes	⊠ No
CURRENT CERTIFICATE OUTCOMES		
(Required whether or not outcomes are being changed.)  Students who complete this certificate will be able to:		
Demonstrate knowledge of UAS systems and the laws and regulations governing airspace and safety.		
Demonstrate and execute tasks necessary to complete UAS operations and missions.		
3. Exemplify a high standard of ethical and professional behavior.		
4. Pass APSA – NIST certification exams.		
5. Develop and implement a business and operations plan for a UAS enterprise organization/venture.		
6. Apply an understanding of photogrammetric data workflow.		
PROPOSED CERTIFICATE OUTCOMES		
Students who complete this certificate will be able to:		
No change		
RELATED INSTRUCTION		
Does the revision involve changing or adding Related Instruction?	☐ Yes	⊠ No
If yes, complete the Related Instruction Template which may be found on the <u>curriculum website</u> .		
Additional Comments Or Changes		

#### **SECTION #3 COURSE BY COURSE COMPARISON**

List all courses (current AND proposed) in the term by term order that is to be displayed in the <u>catalog</u> certificate map. List course requisites under Course Title. Include elective list below.

If you are adding a course, place it in the preferred term, identify such a course with (add) and bold the text in the line.

If you want to rearrange the order of courses within the term-by-term sequence, do so on this form.

If you are removing a course, identify the course with (remove) and bold the text.

If the course title is changed, identify the course with (title change) and bold the text.

If the course credits have changed, identify the course with (increase or decrease credit) and bold the text.

If you need more lines to accommodate the courses, right click and insert rows.

The information you provide on this form will be reflected in the CGCC catalog pages. Please ensure it is correct.

Current Certificate Information				Proposed Certificate Information	
Course Number	Course Title / Requisites	Credits	Course Number	Course Title / Requisites	Credits
FALL TERM (5 cr	redits)		FALL TERM (5 credits)		
UAS 101	Introduction to Unmanned Aircraft Systems IRW 115 or WR 115, MTH 65, or equivalent placement	5	UAS 101	Introduction to Uncrewed Aircraft Systems (TITLE CHANGE) IRW 115 or WR 115, MTH 65, or equivalent placement	5
WINTER TERM (4	4 credits)		WINTER TERM (4	credits)	
UAS 102	Small Unmanned Aircraft Aerial Photogrammetry UAS 101; Rec: COMM 111	4	UAS 102	sUAS Aerial Photogrammetry (TITLE CHANGE) UAS 101; Rec: COMM 111	4
SPRING TERM (9	credits)		SPRING TERM (9 credits)		
UAS 200	sUAS Professional Remote Pilot I FAA Remote Pilot License	5	UAS 200	sUAS Professional Remote Pilot I FAA Remote Pilot License	5
UAS 210	UAS Management place into IRW 115 or WR 115, MTH 65 or MTH 98	4	UAS 210	UAS Management place into IRW 115 or WR 115, MTH 65 or MTH 98	4
	Credit total	18		Credit total	18

#### **ELECTIVE LIST**

Include all electives. Identify elective changes by stating if the elective is to be added or deleted and bold the text.

If you need more lines to accommodate the courses, right click and insert rows.

Current Electives			Proposed Electives		
Course Number	Course Title / Requisites	Credits	ts Course Number Course Title / Requisites Cred		
	none				

#### **SECTION #4 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Degree or Certificate Signature Form signed by the department chair and dean."

Submitter	Email	Date		
Mike Davis	mdavis@cgcc.edu	2.3.23		
Department Chair (enter name of department chair): Jim Pytel				
Department Dean (enter name of department dean): Robert Wells-Clark				

#### Next steps:

- 1. Save the completed Certificate Revision Request Form and submit as an e-mail attachment to <a href="mailto:curriculum@cgcc.edu">curriculum@cgcc.edu</a> or <a href="mailto:slewis@cgcc.edu">slewis@cgcc.edu</a>.
- 2. If needed, attach the completed Related Instruction Template to the same e-mail.
- 3. Refer to the curriculum office website for the Curriculum Committee <u>meeting schedule and submission deadlines</u>. You are encouraged to send submissions prior to the deadline so that the Curriculum Office may review and provide feedback.
- 4. Submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 5. It is required for a representative to attend the Curriculum Committee meeting in which your submission is scheduled for review. The representative will be asked to describe the proposal and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC decision CC vote

## **Columbia Gorge Community College**

Course Revision

COURSE REVISION					
	(Double click on check boxes to activate dialog box)				
What are you seeking to	revise? Check all that apply				
Course number	Requisites	s	Related Instruction		
	○ Outcomes	5	Content		
Description	Repeatab	ility	Text / Materials		
	·	•			
SECTION #1 GENERAL II	NFORMATION & REVISIONS				
		Submitter name	Glenn Wood		
Department	CTE - Construction	Phone	541-965-3428		
		Email	gwood@cgcc.edu		
Current prefix and number	CT 102	Proposed prefix and number	No change		
Current course title	Footings and Foundations	Proposed title (60 characters max)	Residential Concrete		
Current Repeatability	0	Proposed Repeatability	No change		
Current transcript title (30 characters max)	Footings and Foundations	Proposed transcript title (30 characters max)	Residential Concrete		
Reason for above proposed changes	Title more representative or	f course content.			
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at <a href="Writing Course Descriptions">Writing Course Descriptions</a> .					
Current Description Proposed Description (required whether being revised or not)					
Introduces the construction of wood and concrete foundations.  Explores determining property lines, setting building corners and establishing grades and elevations. Provides hands-on experience in the building of concrete footings and foundation wall forms. Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.					
Reason for description change	No change				

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current prerequisites, corequisites and concurrent (if no change, leave blank)						
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121						
Placement into:						
prefix & number:			Prerequisite	Corequisite	pre/con	
prefix & number:			Prerequisite	Corequisite	pre/con	
Pro	oposed prerequisi	ites, o	corequisites and con	current		
Standard requisites - Prereq	uisite: MTH 20 or uisite/concurrent	•	•	st scores.		
Placement into:						
prefix & number:			Prerequisite	Corequisite	pre/con	
prefix & number:			Prerequisite	Corequisite	pre/con	
Reason for requisite changes						
through the application of direct recommended. Start each outcomes on ***NOTE: Gen Ed Courses revision Cultural Literacy Request form **	zen, global citizer and/or indirect ome with an active the curriculum we ag outcomes are r	n or l asses e ver ebsite <b>requi</b>	ifelong learners). Ou ssment strategies. Th b, completing the se e.) <b>red to submit a new</b>	tcomes must be maree to six outcomentence starter pro	neasurable es are vided. (See orm. A new	
Current learning outcomes (re being revised or n	•		New I	learning outcomes		
Upon successful completion of this course, students will be able to:  1. Demonstrate the layout of building lines and batter board set up.  2. Determine footing requirements and build a footing form.  3. Follow local building codes for foundation construction.  4. Build, erect, and use forms for poured foundation walls.  5. Estimate concrete materials required for a specific area.  Upon successful completion of this course, students will be able to:  1. Demonstrate safe practices associated with Construction industry.  2. Demonstrate the layout of building lines and batter board set up.  3. Determine footing requirements and build a footing form.  4. Follow local building codes for foundation construction form.  5. Build, erect, and use forms for poured foundation wall.  6. Estimate concrete materials required for a specific are					with  nes and batter  puild a footing  ation construction.  foundation walls.	
Reason for outcomes change  With removal of CT 101 Tools & Safety from the degree/certificate, a safety outcome/content was added to courses throughout the program to ensure coverage of this material.						

(required if revising outcomes)

- 1. Demonstrate safe practices associated with Construction industry.
  - Cleanliness of work area
  - Recognizing margins for specific tool safety Red Zone
    - o Saws
    - o Drills
    - Hand tools
  - · Maintaining tools in proper working condition
  - Safety rules of thumb:
    - o Don't force tools to do something they are not meant to do
    - Be present when using tools
    - Stay alert to what is going on around you
- 2. Demonstrate the layout of building lines and batter board set up.
  - Establish lot lines
  - Verify lot lines
  - Lay out building lines
  - Check squareness of building lines
  - Set up batter boards
- 3. Determine footing requirements and build a footing form.
  - Calculate dimensions for standard footings
  - Determine applications for reinforcement of footings
  - Form key in the footings
  - Lay out footing forms
  - Check forms for levelness and accurate measurements
  - Demonstrate the construction of footing forms
- 4. Follow local building codes for foundation construction.
  - Identify appropriate codes that apply to foundation construction
  - Read and interpret code
  - Follow and apply code standards
- 5. Build, erect, and use forms for poured foundation walls.
  - Identify the different wall forms used in construction
  - Calculate the amount of pressure created by concrete at base of wall form
  - Set up foundation wall forms
  - Brace wall forms and check dimensions
  - Utilize a variety of form hardware (snap ties, taper ties, coil ties, corner clamps)
- Estimate concrete materials required for a specific area.
  - Demonstrate the proper mixing of concrete

Course Content – organized by outcomes (list each outcome followed by an outline of the related content):

	Identify methods used to deliver concrete to the forms					
	Demonstrate methods to vibrate and compact concrete in forms					
Secure wall plates with appropriate anchors						
Suggested Texts & Materials	(update as needed	)				
updates (specify if any texts	No change					
or materials are required):	/	\ \				
Department Required Course Activities (optional)	(update as needed No change	)				
Metivities (optional)	140 change					
Is this course used for related i	nstruction?		Yes No			
		rning should be amended in the related related instruction curriculum revision.	instruction			
SECTION #2 IMPACT ON OTHER	R DEPARTMENTS					
· · · · · · · · · · · · · · · · · · ·		t other departments, such as academic for courses, degrees, or certificates?	Yes No			
Please provide details, who wa	s contacted and the	resolution.				
	Next available term	after approval				
Implementation term	Specify term (if AFTI	ER the next available term)				
Allow 2-6 months to complete	the approval proces	s before scheduling the course.				
SECTION #3 DEPARTMENT R	REVIEW					
		e affiliated department chair and departm				
· ·		on. I am requesting that it be placed on th				
Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department						
chair and dean."	y the Currentum Con	innice, a course signature i omi signed b	y the acpartment			
Submitter Email Date						

# Department Dean (enter name of department dean): Robert Wells-Clark NEXT STEPS:

Glenn Wood

Department Chair (enter name of department chair): Jim Pytel

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cgcc.edu">curriculum@cgcc.edu</a> or <a href="mailto:slewis@cgcc.edu">slewis@cgcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee <u>meeting schedule and submission</u> <u>deadlines</u>. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.

gwood@cgcc.edu

3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that

02/09/2023

CC decision Columbia Gorge Community College CC vote

#### **Course Revision** (Double click on check boxes to activate dialog box) What are you seeking to revise? Check all that apply Course number Requisites Related Instruction $\boxtimes$ Title Outcomes Content Text / Materials Description Repeatability **SECTION #1 GENERAL INFORMATION & REVISIONS** Glenn Wood Submitter name 541-965-3428 CTE - Construction Phone Department Email gwood@cgcc.edu Current prefix and Proposed prefix and CT 103 No change number number Building Materials and Proposed title (60 Current course title No change Methods characters max) Proposed 0 Current Repeatability No change Repeatability Building Materials and Proposed transcript Current transcript title No change (30 characters max) Methods title (30 characters max) Reason for above No change proposed changes **COURSE DESCRIPTION**: To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will ..." and/or "Students will ..." Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions. **Current Description Proposed Description** (required whether being revised or not) Introduces function and performance characteristics of basic building materials and components. Addresses methods and sequences in the construction process. Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Reason for description

change

No change

Current prerequisites, corequisites and concurrent (if no change, leave blank)						
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121						
Placement into:						
prefix & number:			Prerequisite	Corequisite	pre/con	
prefix & number:			Prerequisite	Corequisite	pre/con	
Pro	oposed prerequisi	ites, c	corequisites and con	current		
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121						
Placement into:						
prefix & number:			Prerequisite	Corequisite	pre/con	
prefix & number:			Prerequisite	Corequisite	pre/con	
Reason for requisite changes No change	e					
through the application of direct recommended. Start each outcomes on ***NOTE: Gen Ed Courses revision Cultural Literacy Request form **	zen, global citizer ct and/or indirect ome with an active the curriculum we ng outcomes are r	n or li asses e verl ebsite <b>requi</b> i	ifelong learners). Ou ssment strategies. Th b, completing the se e.) red to submit a new	ntcomes must be month, the second starter pro- centence starter pro-	easurable es are vided. (See orm. A new	
Current learning outcomes (re	quired whether			learning outcomes		
being revised or n Upon successful completion of students will be able to:	•	Upon successful completion of this course, students will be able to:				
Identify materials and meth construction industry.	ods used in the		Demonstrate safe procession of the procession of		with	
Analyze building materials and utility.	quality, function		Identify materials ar industry.	nd methods used i	n the construction	
<ul><li>3. Apply proper handling and storage of building materials.</li><li>4. Organize building materials and components for sequencing construction</li></ul>			<ul><li>3. Analyze building materials quality, function and utility.</li><li>4. Apply proper handling and storage of building materials.</li></ul>			
activities.	5. Organize building materials and components for sequencing construction activities.					
Reason for outcomes change  With removal of CT 101 Tools & Safety from the degree/certificate, a safety outcome/content was added to courses throughout the program to ensure coverage of this material.						

Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Suggested Texts & Materials updates (specify if any texts	(required if revising outcomes)  1. Demonstrate safe practices associated with Construction industry.  • Cleanliness of work area  • Recognizing margins for specific tool safety – Red Zone  • Saws  • Drills  • Hand tools  • Maintaining tools in proper working condition  • Safety rules of thumb:  • Don't force tools to do something they are not meant to do  • Be present when using tools  • Maintails and methods used in the construction industry.  • Have knowledge of locally available materials and be able to identify which are appropriate for a project  • Utilize specifications to identify construction method for project  • Calculate board footage  • Research and compile building products manual by Construction Specifications Institute (CSI) master format  3. Analyze building materials quality, function and utility.  • Define load capacity of building material  • Identify appropriate fastener type and sizing units  • Determine grades and moisture content  • Know the difference between nominal and dressed sized lumber  4. Apply proper handling and storage of building materials.  • Determine the storage needs of different building products:  • Moisture protection  • Breathability  • Weight bearing capacity  • Hazardous materials  • Identify steps to ensure proper storage and protection  5. Organize building materials and components for sequencing construction activities.  • Establish schedule for construction  • Identify sequence of materials based on schedule  • Identify placement of materials for access  (update as needed)  No change
or materials are required):	- To change
	(undata as pandad)
Department Required Course	(update as needed)
Activities (optional)	No change

Is this course used for re		Yes No					
	If yes, then check to see if the hours of student learning should be amended in the related instruction template to reflect the revision. This may require a related instruction curriculum revision.						
·							
SECTION #2 IMPACT ON	OTHER DEPARTMENTS						
	Are there changes being requested that may impact other departments, such as academic programs that require this course as a prerequisite for courses, degrees, or certificates?						
Please provide details, v	vho was contacted and the	resolution.					
	Next available term after approval						
Implementation term		ER the next available term)					
Allow 2-6 months to cor	mplete the approval proces	s before scheduling the course.					
SECTION #3 DEPARTN	MENT REVIEW						
"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean."							
Sub	mitter	Email		ate			
Glenr	n Wood	gwood@cgcc.edu	02/0	9/2023			

#### **NEXT STEPS:**

1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cacc.edu">curriculum@cacc.edu</a> or <a href="mailto:slewis@cacc.edu">slewis@cacc.edu</a>.

Department Chair (enter name of department chair): Jim Pytel

Department Dean (enter name of department dean): Robert Wells-Clark

- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC decision CC vote

## Columbia Gorge Community College

Columbia Corge Community College Colone						
Course Revision						
	(Double click on check b	oxes to activat	e dialog bo	<mark>ox)</mark>		
What are you seeking to	revise? Check all that apply					
Course number	Requisite	S		Related Instruction		
☐ Title	○ Outcomes	5		Content		
Description	Repeatab	ility		Text / Materials		
SECTION #1 GENERAL I	NFORMATION & REVISIONS					
		Submitter nar	ne	Glenn Wood		
Department	CTE - Construction	Phone		541-965-3428		
		Email		gwood@cgcc.edu		
Current prefix and number	CT 104	Proposed pre- number	fix and	No change		
Current course title	Floor Framing Proposed characters		*	No change		
Current Repeatability	0	Proposed Repeatability		No change		
Current transcript title (30 characters max)	Proposed transcript			No change		
Reason for above proposed changes No change						
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.						
Current Description Proposed Description						

(required whether being revised or not) Introduces basic floor framing systems and principles used in construction. Includes floor system install on foundations using current building construction methods. Explores floor leveling, sill plate installation, and joist and beam lay-out. Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available. Reason for description No change change

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current prerequisites, corequisites and concurrent (if no change, leave blank)						
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121						
Placement into:						
prefix & number:		Prerequisite	Corequisite	pre/con		
prefix & number:		Prerequisite	Corequisite	pre/con		
Pro	oposed prerequisite	es, corequisites and cor	ncurrent			
Standard requisites - Prereq	uisite: MTH 20 or e uisite/concurrent: \	•	est scores.			
Placement into:						
prefix & number:		Prerequisite	Corequisite	pre/con		
prefix & number:		Prerequisite	Corequisite	pre/con		
Reason for requisite changes No change	e					
through the application of direct recommended. Start each outcomes on ***NOTE: Gen Ed Courses revision Cultural Literacy Request form **	zen, global citizen o ct and/or indirect as ome with an active the curriculum web ng outcomes are re	or lifelong learners). Ou ssessment strategies. T verb, completing the se site.) quired to submit a new	itcomes must be m hree to six outcom entence starter pro Gen Ed Request fo	neasurable nes are vided. (See orm. A new		
Current learning outcomes (re being revised or n	quired whether		learning outcomes			
Upon successful completion of students will be able to:	this course,	Upon successful completion of this course, students will be able to:				
1. Identify the types of framin	9.	Demonstrate safe practices associated with Construction industry.				
2. Calculate the load on girder used in construction.		2. Identify the types of framing.				
3. Follow local building codes construction.	for floor	3. Calculate the load on girders and beams used in construction.				
4. Work collaboratively and coeffectively with a team.	illinameate	<ol> <li>Follow local buildir</li> <li>Work collaborativel a team.</li> </ol>	_			
Reason for outcomes change With removal of CT 101 Tools & Safety from the degree/certificate, a safety outcome/content was added to courses throughout the program to ensure coverage of this material.						

	(required if revising outcomes)
	1. Demonstrate safe practices associated with Construction industry.
	Cleanliness of work area
	Recognizing margins for specific tool safety – Red Zone
	o Saws
	o Drills
	<ul> <li>Hand tools</li> </ul>
	Maintaining tools in proper working condition
	Safety rules of thumb:
	<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>
	<ul> <li>Be present when using tools</li> </ul>
	<ul> <li>Stay alert to what is going on around you</li> </ul>
	1. Identify the types of framing
	Explain platform framing, its use and advantages
	Explain balloon framing, its use and advantages
Course Content – organized	Identify the framing methods shown in an architectural plan
by outcomes (list each outcome followed by an	2. Calculate the load on girders and beams used in construction.
outline of the related	<ul> <li>Calculate the size of girders and beams needed for support in a</li> </ul>
content):	structure
	Demonstrate the construction of a built-up girder
	<ul> <li>Understand weight bearing advantages of steel beams</li> </ul>
	3. Follow local building codes for floor construction.
	Identify appropriate code that apply to floor construction
	Read and interpret code
	Follow and apply code standards
	4. Demonstrate the procedure to assemble a floor frame.
	Identify sub floor material
	Construct a cripple wall
	Install sill plates
	5. Work collaboratively and communicate effectively with a team.
	Determine role for team members to accomplish a project
	Troubleshoot issues that arise with project
	Respect opinions and work through disagreements
Suggested Texts & Materials	(update as needed)
updates (specify if any texts	No change
or materials are required):	
Department Required Course	(update as needed)
Activities (optional)	No change

Is this course used for related instruction?		Yes No					
If yes, then check to see if the hours of student learning should be amended in the related instruction template to reflect the revision. This may require a related instruction curriculum revision.							
SECTION #2 IMPACT ON OTHER DEPARTMENTS							
Are there changes being requested that may impact other departments, such as academic programs that require this course as a prerequisite for courses, degrees, or certificates?							
Please provide details, who was contacted and the resolution.							
Implementation term  Next available term after approval  Specify term (if AFTER the next available term)							
Allow 2-6 months to complete the approval process before scheduling the course							

#### **SECTION #3 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean "

chan and acan.				
Submitter	Email	Date		
Glenn Wood	gwood@cgcc.edu	02/09/2023		
Department Chair (enter name of department chair): Jim Pytel				
Department Dean (enter name of department dean): Robert Wells-Clark				

#### **NEXT STEPS:**

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
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CC decision CC vote

## Columbia Gorge Community College

Course Revision					
	(Double click on check b	oxes to activa	ate dialog b	<mark>ox)</mark>	
What are you seeking to	revise? Check all that apply				
Course number	Requisites Related Instruction			Related Instruction	
Title				Content	
Description	Repeatab	ility		Text / Materials	
			•		
SECTION #1 GENERAL II	NFORMATION & REVISIONS				
		Submitter na	ame	Glenn Wood	
Department	CTE - Construction	Phone		541-965-3428	
		Email		gwood@cgcc.edu	
Current prefix and number	CT 105	Proposed pro number	efix and	No change	
Current course title	Wall and Ceiling Framing	Proposed till characters ma	•	No change	
Current Repeatability	0	Proposed Repeatability		No change	
Current transcript title (30 characters max)	Wall and Ceiling Framing	Proposed transcript title (30 characters max)		No change	
Reason for above proposed changes No change					
COLIDSE DESCRIPTION.	To be used in the satalog an	d schodulo of	slasses Dec	ain each contance of the course	
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at <a href="Writing Course Descriptions">Writing Course Descriptions</a> .					
Current Description			Proposed Description		
(required whether being revised or not)					
Introduces wall framing methods and principles currently used in construction and following Oregon building codes. Includes					
wall layout and assembly of studs, corners, partitions and					
openings. Addresses the calculation of material quantities and					
the application of related building codes. Prerequisites: MTH 98					
or placement into MTH	65; placement into IRW 115	or WR 115.			

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the

Audit Available.

change

Reason for description

No change

Opt-out of Standard Prerequisites Request form.				
Current prerequ	uisites, corequisites a	nd concurrent (if no	change, leave blan	k)
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121				
Placement into:				
prefix & number:				pre/con
prefix & number:		☐ Prerequisite ☐ Corequisite ☐ pre/con		
Proposed prerequisites, corequisites and concurrent				
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121				
Placement into:				
prefix & number:		Prerequisite	Corequisite	pre/con
prefix & number:		Prerequisite	Corequisite	pre/con
Reason for requisite changes No chang	I No change			
family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ***NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new Cultural Literacy Request form will also be required of any course with a Cultural Literacy designation.***				
Current learning outcomes (required whether being revised or not)  New learning outcomes				
Upon successful completion of this course, students will be able to:  Upon successful completion of this course be able to:		ırse, students will		
		Demonstrate safe practices associated with Construction industry.		
		<ol> <li>Estimate materials required for wall framing project.</li> <li>Identify the main parts of a wall frame and its layout.</li> </ol>		
3. Follow local building codes for wall and ceiling construction.		4. Follow local building codes for wall and ceiling construction.		
Construct and erect wall sections and		5. Construct and erect wall sections and partitions.		
partitions. 5. Apply air and weather resistant barriers.		6. Apply air and we	eather resistant bar	riers.
Reason for outcomes change	With removal of CT	f CT 101 Tools & Safety from the degree/certificate, a safety nt was added to courses throughout the program to ensure s material.		

(required if revising outcomes)  1. Demonstrate safe practices associated with Construction industry.  • Cleanliness of work area  • Recognizing margins for specific tool safety – Red Zone  • Saws  • Drills  • Hand tools  • Maintaining tools in proper working condition  • Safety rules of thumb:  • Don't force tools to do something they are not meant to do  • Be present when using tools  • Stay alert to what is going on around you
<ul> <li>Cleanliness of work area</li> <li>Recognizing margins for specific tool safety – Red Zone         <ul> <li>Saws</li> <li>Drills</li> <li>Hand tools</li> </ul> </li> <li>Maintaining tools in proper working condition</li> <li>Safety rules of thumb:         <ul> <li>Don't force tools to do something they are not meant to do</li> <li>Be present when using tools</li> </ul> </li> </ul>
<ul> <li>Recognizing margins for specific tool safety – Red Zone         <ul> <li>Saws</li> <li>Drills</li> <li>Hand tools</li> </ul> </li> <li>Maintaining tools in proper working condition</li> <li>Safety rules of thumb:         <ul> <li>Don't force tools to do something they are not meant to do</li> <li>Be present when using tools</li> </ul> </li> </ul>
<ul> <li>Saws</li> <li>Drills</li> <li>Hand tools</li> <li>Maintaining tools in proper working condition</li> <li>Safety rules of thumb:         <ul> <li>Don't force tools to do something they are not meant to do</li> <li>Be present when using tools</li> </ul> </li> </ul>
<ul> <li>Drills</li> <li>Hand tools</li> <li>Maintaining tools in proper working condition</li> <li>Safety rules of thumb:         <ul> <li>Don't force tools to do something they are not meant to do</li> <li>Be present when using tools</li> </ul> </li> </ul>
<ul> <li>Hand tools</li> <li>Maintaining tools in proper working condition</li> <li>Safety rules of thumb:         <ul> <li>Don't force tools to do something they are not meant to do</li> <li>Be present when using tools</li> </ul> </li> </ul>
<ul> <li>Maintaining tools in proper working condition</li> <li>Safety rules of thumb:         <ul> <li>Don't force tools to do something they are not meant to do</li> <li>Be present when using tools</li> </ul> </li> </ul>
<ul> <li>Safety rules of thumb:</li> <li>Don't force tools to do something they are not meant to do</li> <li>Be present when using tools</li> </ul>
<ul> <li>Don't force tools to do something they are not meant to do</li> <li>Be present when using tools</li> </ul>
Be present when using tools
2. Estimate materials required for wall framing project.
Calculate the amount of sheathing required
Determine the number of study required to reach 16" on center
Create a stock plan to determine wall and ceiling framing members
Course Content – organized required
by outcomes (list each outcome followed by an 3. Identify the main parts of a wall frame and its layout.
outline of the related  • Identify sole plates, top plates, studs and headers
content):  • Demonstrate methods to frame wall corners
Review and interpret site plans to determine location of rough
openings
4. Follow local building codes for wall and ceiling construction.
<ul> <li>Identify appropriate codes that apply to wall and ceiling construction</li> </ul>
Read and interpret codes
Follow and apply code standards
5. Construct and erect wall sections and partitions.
Construct partition intersections
Demonstrate the construction of a header
Review safety procedures when constructing wall sections
Plumb wall upon erection
6. Apply air and weather resistant barriers.
Identify appropriate material and grades
Installation of material to block leaks and infiltration
Determine proper installation
Suggested Texts & Materials (update as needed)
updates (specify if any texts No change
or materials are required):  Department Required Course (update as needed)
apartition to the date of the control of the contro

Is this course used for re	elated instruction?		Yes No	
If yes, then check to see	if the hours of student lear	rning should be amended in the related	instruction	
		related instruction curriculum revision.		
temptate to reflect the r	evision. This may require a	Tetated instruction carried and revision.		
SECTION #2 IMPACT ON	OTHER DEPARTMENTS			
Are there changes being	requested that may impac	t other departments, such as academic	☐ Yes	
programs that require this course as a prerequisite for courses, degrees, or certificates?				
Please provide details, v	who was contacted and the	resolution.		
	Next available term	after approval		
Implementation term				
Allow 2-6 months to complete the approval process before scheduling the course.				
SECTION #3 DEPARTMENT REVIEW				
"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that				
they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum				
Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the				
day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department				
chair and dean."				
Submitter Email Date				
			i l	

#### **NEXT STEPS:**

Glenn Wood

Department Chair (enter name of department chair): Jim Pytel

Department Dean (enter name of department dean): Robert Wells-Clark

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cacc.edu">curriculum@cacc.edu</a> or <a href="mailto:slewis@cacc.edu">slewis@cacc.edu</a>.
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gwood@cgcc.edu

- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
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02/09/2023

CC decision CC vote

### **Columbia Gorge Community College**

	Cours	e Revision			
(Double click on check boxes to activate dialog box)					
What are you seeking to	revise? Check all that apply				
Course number	Requisites			Related Instruction	
☐ Title	○ Outcomes	○ Outcomes     ○ Outcomes		Content	
Description	Repeatab	ility		Text / Materials	
SECTION #1 GENERAL II	NFORMATION & REVISIONS				
		Submitter na	ame	Glenn Wood	
Department	CTE - Construction	Phone		541-965-3428	
		Email		gwood@cgcc.edu	
Current prefix and number	CT 106	Proposed pr number	efix and	No change	
Current course title	Roof Framing	Proposed ti characters ma		No change	
Current Repeatability	0	Proposed Repeatabilit	у	No change	
Current transcript title (30 characters max)	Roof Framing Proposed transcript title (30 characters m		•	No change	
Reason for above proposed changes	No change				
proposed enanges					
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.					
Current Description		Proposed Description			
(required whether being revised or not)					
Introduces the theory and practice of roof framing. Includes calculations to determine rafter lengths for slopes and spans.					
Addresses erecting and installing trusses and techniques for					
	quisites: MTH 98 or placeme	•			
65; placement into IRW 115 or WR 115. Audit Available.					
Reason for description			l		

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

No change

change

Current prerequisites, corequisites and concurrent (if no change, leave blank)				
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121				
Placement into:				
prefix & number:		Prerequisite	Corequisite	pre/con
prefix & number:		Prerequisite	Corequisite	pre/con
Proposed prerequisites, corequisites and concurrent				
Standard requisites - Prereq	uisite: MTH 20 or equ uisite/concurrent: WR	•	est scores.	
Placement into:				
prefix & number:		Prerequisite	Corequisite	pre/con
prefix & number:		Prerequisite	Corequisite	pre/con
Reason for requisite changes No change	l No change			
LEARNING OUTCOMES: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ***NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new Cultural Literacy Request form will also be required of any course with a Cultural Literacy designation.***				
Current learning outcomes ( being revised or	New learning outcomes			
Upon successful completion of this course, students will be able to:  1. Apply math formulas to calculate rafter layouts.		Upon successful completion of this course, students will be able to:  1. Demonstrate safe practices associated with Construction industry.		
<ol> <li>Classify and describe various roof types.</li> <li>Follow local building codes for roof construction.</li> <li>Analyze and build a functioning structural roof system.</li> </ol>		<ol> <li>Apply math formulas to calculate rafter layouts.</li> <li>Classify and describe various roof types.</li> <li>Follow local building codes for roof construction.</li> <li>Analyze and build a functioning structural roof system.</li> <li>Describe the framing methods for different types of roofs.</li> </ol>		
Reason for outcomes change		of CT 101 Tools & Safety from the degree/certificate, a safety ent was added to courses throughout the program to ensure s material.		

(required if revising outcomes) 1. Demonstrate safe practices associated with Construction industry. Cleanliness of work area Recognizing margins for specific tool safety – Red Zone Saws Drills Hand tools Maintaining tools in proper working condition Safety rules of thumb: o Don't force tools to do something they are not meant to do o Be present when using tools Stay alert to what is going on around you 2. Apply math formulas to calculate truss construction. Understand the purpose of roof trusses. Identify common truss parts, including plates and connectors Calculate truss load based on number of members and nodes Create a scale model of a truss pattern Course Content - organized Describe installation of trusses by outcomes (list each 3. Classify and describe various roof types. outcome followed by an outline of the related Identify and apply elements of gable roof content): Identify and apply elements of hip roof Identify and apply elements of an intersecting roof Identify and apply elements of a truss roof 4. Follow local building codes roof construction. Identify appropriate codes that apply to roof construction Read and interpret codes Follow and apply code standards 5. Analyze and build a functioning structural roof system. Determine which roof type is right for the project – Pros and cons Apply principles of roof layout Determine roof pitch and unit rise • Identify span and run 6. Describe the framing methods for different types of roofs. Consider load issues with flat roofs Identify angles used for upper roof surfaces and lower roof surfaces Recognize special framing problems that may occur, and identify possible solutions Suggested Texts & Materials (update as needed) updates (specify if any texts No change or materials are required):

Department Required Course	(update as needed)	
Activities (optional)	No change	
received (optional)	The change	
Is this course used for related i	nstruction?	Yes No
If yes, then check to see if the I	nours of student learning should be amended in the related in	nstruction
template to reflect the revision	. This may require a related instruction curriculum revision.	
SECTION #2 IMPACT ON OTHE	R DEPARTMENTS	
	sted that may impact other departments, such as academic se as a prerequisite for courses, degrees, or certificates?	Yes No
Please provide details, who wa	s contacted and the resolution.	
Implementation term	Next available term after approval Specify term (if AFTER the next available term)	
Allow 2-6 months to complete	the approval process before scheduling the course.	

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean."

Submitter	Email	Date				
Glenn Wood	gwood@cgcc.edu	02/09/2023				
Department Chair (enter name of department chair): Jim Pytel						
Department Dean (enter name of department dean): Robert Wells-Clark						

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date 2.9.23

CC decision CC vote

# **Columbia Gorge Community College**

Course Revision

	Course	 -		
10.0	. 1 1 1	 	10.0	

(Double click on check boxes to activate dialog box)							
What are you seeking to revise? Check all that apply							
Course number  Title	Requisites Outcomes		Related Instruction Content				
Description	Repeatabi	uty	Text / Materials				
SECTION #1 GENERAL IN	FORMATION & REVISIONS						
Department	CTE - Construction	Submitter name Phone Email	Glenn Wood 541-965-3428 gwood@cgcc.edu				
Current prefix and number	CT 110	Proposed prefix and number	No change				
Current course title	Electrical Wiring Basics	Proposed title (60 characters max)	Electrical Basics				
Current Repeatability	0	Proposed Repeatability	No change				
Current transcript title (30 characters max)	Electrical Wiring Basics	Proposed transcript title (30 characters max)	Electrical Basics				
Reason for above proposed changes	Title more representative of	of course content.					
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at <a href="Writing Course Descriptions">Writing Course Descriptions</a> .							
	Description being revised or not)	Proposed Description					
	duces electrical codes,						
Reason for description change	No change						

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current prerequisites, corequisites and concurrent (if no change, leave blank)							
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121							
Placement into:							
prefix & number:				Prerequisite	Corequisite	pre/con	
prefix & number:				Prerequisite	Corequisite	pre/con	
	Pro	oposed prerequ	isites,	corequisites and con	current		
Standard requisites -		uisite: MTH 20 uisite/concurre			est scores.		
Placement into:							
prefix & number:				Prerequisite	Corequisite	pre/con	
prefix & number:				Prerequisite	Corequisite	pre/con	
Reason for requisite changes	chang	e					
family member, communithrough the application of recommended. Start each Writing Learning Outcom  ***NOTE: Gen Ed Courses Cultural Literacy Request	ity citized of direct of outco nes on the revisir	zen, global citiz et and/or indired eme with an act the curriculum e ng outcomes are	en or ct asse ive ve websi e requ	lifelong learners). Ou essment strategies. The erb, completing the se te.) iired to submit a new	ntcomes must be me hree to six outcome entence starter pro	neasurable es are vided. (See orm. A new	
Current learning out	comes	(required			earning outcomes	<b>-</b>	
whether being revised or not)  Upon successful completion of this course, students will be able to:  1. Utilize basic electrical terms.  2. Apply basic electrical theory.  3. Recognize limits of basic electrical training.  4. Use approved practices for simple wiring installation tasks.  5. Perform simple electrical troubleshooting.  Whether being revised or not)  Upon successful completion of this course, students will be able to:  1. Demonstrate safe practices associated with Construction industry.  2. Utilize basic electrical terms.  3. Apply basic electrical theory.  4. Recognize limits of basic electrical training.  5. Use approved practices for simple wiring installation tasks.  6. Perform simple electrical troubleshooting.						vith Construction ing. g installation	
Reason for outcomes change  With removal of CT 101 Tools & Safety from the degree/certificate, a safety outcome/content was added to courses throughout the program to ensure coverage of this material.							

(required if revising outcomes)

- 1. Demonstrate safe practices associated with Construction industry.
  - Cleanliness of work area
  - Recognizing margins for specific tool safety Red Zone
    - o Saws
    - o Drills
    - Hand tools
  - Maintaining tools in proper working condition
  - Safety rules of thumb:
    - o Don't force tools to do something they are not meant to do
    - o Be present when using tools
    - Stay alert to what is going on around you
- 2. Utilize basic electrical terms.
  - Describe a residential electrical service and its circuitry
  - Define "current" and the laws governing its functional principles
  - Understand the National Electrical Code and its purpose
- 3. Apply basic electrical theory.
  - Explain the theory of electron flow through conducting material
  - Know the difference between alternating current and direct current
  - Describe the purpose and construction of transformers
  - Know the difference between a step-up transformer and a step-down transformer
  - Understand the two levels of voltage used in residential wiring and how it's provided
- 4. Recognize limitations of basic electrical training
  - Identify local and National electrical codes
  - Read and interpret codes
  - Understand qualifications and role of licensed Electricians
  - Follow restrictions guiding any electrical work
- 5. Use approved practices for simple wiring installation tasks.
  - Demonstrate connecting two conductors or a conductor and a device
  - Strip insulation from the ends of conductors
  - Wire a simple circuit and demonstrate it works when plugged to a power source
- 6. Perform simple electrical troubleshooting.
  - Demonstrate testing of receptacles, switches and fixtures
  - Utilize devices designed to protect electrical conductors from damage

Course Content – organized by outcomes (list each outcome followed by an outline of the related content):

Suggested Texts & Materials	(update as needed)								
updates (specify if any texts	No change								
· · · · · · · · · · · · · · · · · · ·									
or materials are required):									
Department Required Course	(update as needed)								
Activities (optional)	No change								
(ор ототы)									
Is this course used for relate	t instruction?								
is this coarse asca for retate	No No								
If yes, then check to see if th	e hours of student learning should be amended in the related instruction								
template to reflect the revisi	on. This may require a related instruction curriculum revision.								
·	, , , , , , , , , , , , , , , , , , ,								
SECTION #2 IMPACT ON OTI	IER DEPARTMENTS								
Are there changes being req	uested that may impact other departments, such as academic Yes								
	ourse as a prerequisite for courses, degrees, or certificates?								
· · ·									
Please provide details, who	vas contacted and the resolution.								
	Next available term after approval								
Implementation term	Specify term (if AFTER the next available term)								
	Specify term (if At 1214 the flext available term)								
Allow 2-6 months to comple	te the approval process before scheduling the course.								

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean."

Submitter	Email	Date					
Glenn Wood	gwood@cgcc.edu	02/09/2023					
Department Chair (enter name of department chair): Jim Pytel							
Department Dean (enter name of department dean): Robert Wells-Clark							

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
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CC date 2.9.23

CC decision

Columbia Gorge Community College CC Vote							
Course Revision							
	(Double click on check b	oxes to activate dialog bo	<mark>ox)</mark>				
What are you seeking to	revise? Check all that apply						
Course number	Requisite	s	Related Instruction				
☐ Title	○ Outcomes	5	Content				
Description	Repeatab	ility	Text / Materials				
SECTION #1 GENERAL IN	FORMATION & REVISIONS						
		Submitter name	Glenn Wood				
Department	CTE - Construction	Phone	541-965-3428				
		Email	gwood@cgcc.edu				
Current prefix and number	CT 111	Proposed prefix and number	No change				
Current course title	Plumbing Basics	No change					
Current Repeatability	0 Proposed Repeatability No change						
Current transcript title (30 characters max)	Plumbing Basics Proposed transcript title (30 characters max) No change						
Reason for above proposed changes No change							
		_	in each sentence of the course and/or "Students will" Include				
The state of the s	description. Guidelines for w						
Course Descriptions.							

	urrent Description hether being revised or not)	Proposed Description
of plumbing systems. Int measuring for plumbing plumbing tools. Prerequi	ded to assist with installation and repair roduces plumbing plans and drawings, materials and safe operation of sites: MTH 98 or placement into MTH 65; or WR 115. Audit Available.	
Reason for description change	No change	

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current prerequisites, corequisites and concurrent (if no change, leave blank)

Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121								
Placement into:								
prefix & number:				Prerequisite		Corequisite		pre/con
prefix & number:				Prerequisite		Corequisite		pre/con
Pro	oposed prered	quisites,	core	quisites and con	cur	rent	_	
Standard requisites - Prereq	uisite: MTH 2 uisite/concuri				st s	cores.		
Placement into:								
prefix & number:				Prerequisite		Corequisite		pre/con
prefix & number:				Prerequisite		Corequisite		pre/con
Reason for requisite changes	e							
family member, community citize through the application of direct recommended. Start each outcomes on writing Learning Outcomes on ***NOTE: Gen Ed Courses revising Cultural Literacy Request forms	LEARNING OUTCOMES: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ***NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new Cultural Literacy Request form will also be required of any course with a Cultural Literacy designation.***							
Current learning outcomes whether being revised o	•			New lea	arni	ng outcomes		
Upon successful completion of this course, students will be able to:  1. Cite codes and safety measures that govern the installation of plumbing systems.  2. Properly operate plumbing tools.  Upon successful completion of this course, students will be able to:  1. Demonstrate safe practices associated with Construction industry.  2. Cite codes and safety measures that govern the installation of plumbing systems.						Construction		
3. Assist with the design and i		3. Pro	perl	y operate plumbi	ing	tools.		
of a plumbing system.  4. Measure and calculate plum materials needed for a job.	of a plumbing system.  4. Measure and calculate plumbing  system.  4. Assist with the design and installation of a plumbing system.						. 3	
Reason for outcomes change  With removal of CT 101 Tools & Safety from the degree/certificate, a safety outcome/content was added to courses throughout the program to ensure coverage of this material.						•		
Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  (required if revising outcomes)  1. Demonstrate safe practices associated with Construction industry.  • Cleanliness of work area  • Recognizing margins for specific tool safety – Red Zone  • Saws  • Drills								

	<ul> <li>Hand tools</li> </ul>
	Maintaining tools in proper working condition
	Safety rules of thumb:
	<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>
	<ul> <li>Be present when using tools</li> </ul>
	<ul> <li>Stay alert to what is going on around you</li> </ul>
	2. Cite codes and safety measures that govern the installation of plumbing systems.
	Understand necessity of adhering to plumbing code standards
	Explain repercussions if standards are not followed
	Compare the differences between codes from different communities
	3. Properly operate plumbing tools.
	<ul> <li>Proper and successful use of a compression fitting in creating a compression joint.</li> </ul>
	<ul> <li>Proper and successful use of a pipe cutter and disconnect clip to make a fitting connection</li> </ul>
	Proper and successful use of a propane torch to sweat solder copper
	Proper and successful use of a tubing cutter to cut and ream tubing
	<ul> <li>Proper and successful use of a pipe wrench to tighten and/or remove a pipe</li> </ul>
	4. Assist with the design and installation of a plumbing system.
	Be familiar with plumbing materials and terminology.
	<ul> <li>Identify symbols that represent plumbing devices and fixtures</li> </ul>
	Draw a plumbing system
	<ul> <li>Read and interpret plumbing system plans in order to translate into installation tasks.</li> </ul>
	5. Measure and calculate plumbing materials needed for a job.
	<ul> <li>Find one side of a right-angle triangle</li> </ul>
	Compute the lengths of pipe offsets
	<ul> <li>Read and interpret plumbing system plans in order to generate a needed parts list</li> </ul>
Suggested Texts & Materials	(update as needed)
updates (specify if any texts	No change
or materials are required):	
Department Required Course	(update as needed)
Activities (optional)	No change

Is this course used for related instruction?		Yes
is this course used for related histraction:		No
If yes, then check to see if the hours of student learning should be amended in the related in	nstructi	ion
template to reflect the revision. This may require a related instruction curriculum revision.		

SECTION #2 IMPACT ON OTHER DEPARTMENTS					
Are there changes being requested that may impact other departments, such as academic programs that require this course as a prerequisite for courses, degrees, or certificates?					
Please provide details, who was contacted and the resolution.					
land an artation to ma	Next available term after approval				
Implementation term Specify term (if AFTER the next available term)					
Allow 2-6 months to complete the approval process before scheduling the course.					

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean "

chun una deun.						
Submitter	Email	Date				
Glenn Wood	gwood@cgcc.edu	02/09/2023				
Department Chair (enter name of department chair): Jim Pytel						
Department Dean (enter name of department dean): Robert Wells-Clark						

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
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CC date 2.9.23

CC decision

Columbia Gorge Community College CC Vote						
Course Revision						
	(Double click on check b	oxes to activate dialog bo	o <mark>x)</mark>			
What are you seeking to	revise? Check all that apply					
Course number	Requisite	s	Related Instruction			
☐ Title	○ Outcomes	s	Content			
Description	Repeatab	ility	Text / Materials			
SECTION #1 GENERAL IN	FORMATION & REVISIONS					
		Submitter name	Glenn Wood			
Department	CTE - Construction	Phone	541-965-3428			
	Email gwood@cgcc.edu					
Current prefix and number	CT 112	Proposed prefix and number	No change			
Current course title	Basic Stair Construction	Proposed title (60 characters max)	No change			
Current Repeatability	0 Proposed Repeatability No change					
Current transcript title (30 characters max)	Basic Stair Construction	Proposed transcript title (30 characters max)	No change			
Reason for above proposed changes	No change					
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at <a href="Writing Course Descriptions">Writing Course Descriptions</a> .						

Current Description (required whether being revised or not)		Proposed Description
material estimation and interior staircases. Emph stair construction. Prerec	n ratio for stair construction. Includes installation of both open and closed asizes the relevant building codes in quisites: MTH 98 or placement into MTH 115 or WR 115. Audit Available.	
Reason for description change	No change	

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current prerequisites, corequisites and concurrent (if no change, leave blank)

Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121					
Placement into:					
prefix & number:		Prerequisite Corequisite pre/con			
prefix & number:		Prerequisite Corequisite pre/con			
Pro	oposed prerequis	sites, corequisites and concurrent			
	uisite: MTH 20 o uisite/concurren	or equivalent placement test scores. at: WR 121			
Placement into:					
prefix & number:		Prerequisite Corequisite pre/con			
prefix & number:		Prerequisite Corequisite pre/con			
Reason for requisite changes	e				
family member, community citize through the application of direct recommended. Start each outcomes on writing Learning Outcomes on ***NOTE: Gen Ed Courses revision	zen, global citize ct and/or indirect ome with an active the curriculum w ng outcomes are will also be requ	required to submit a new Gen Ed Request form. A new irred of any course with a Cultural Literacy designation.***			
being revised or no		New learning outcomes			
Upon successful completion of students will be able to:	this course,	Upon successful completion of this course, students will be able to:			
<ol> <li>Identify the stair types and when they are used in a project.</li> <li>Calculate the rise-run ratio, riser size and</li> <li>Demonstrate safe practices associated with Construction industry.</li> <li>Identify the stair types and when they are used in a</li> </ol>					
stairwell length.  3. Lay out stringers for given srun.	tair rise and	3. Calculate the rise-run ratio, riser size and stairwell length.			
4. Identify stair parts.		4. Lay out stringers for given stair rise and run.			
5. Follow local building codes	for stair	5. Identify stair parts.			
Reason for outcomes change	onstruction.    6. Follow local building codes for stair construction.   With removal of CT 101 Tools & Safety from the degree/certificate, a safety outcome/content was added to courses throughout the program to ensure coverage of this material.				
Course Content – organized by outcomes (list each outcome followed by an	ising outcomes) te safe practices associated with Construction industry. ness of work area				

	<ul> <li>Hand tools</li> </ul>
	Maintaining tools in proper working condition
	Safety rules of thumb:
	<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>
	<ul> <li>Be present when using tools</li> </ul>
	<ul> <li>Stay alert to what is going on around you</li> </ul>
	2. Identify the stair types and when they are used in a project.
	Understand the evolution of stairway construction
	Identify the two types of stairs and their use
	Calculate wider tread for winder stairs
	3. Calculate the rise-run ratio, riser size and stairwell length.
	Distinguish between unit run and rise and total run and rise
	Demonstrate accurate layout of stairway
	Identify trimmers and headers to be used
	Identify three rules for calculating rise-run and riser-tread ratio
	-
	4. Lay out stringers for given stair rise and run.
	Demonstrate riser height using a story pole
	Use story pole to accurately transfer to a stringer and framing square
	Identify three types of construction used for stringers
	Demonstrate construction of a housed stringer stairway
	5. Identify stair parts.
	Identify materials commonly used for treads and risers of main stairs
	Describe basic stair riser shapes
	Define the term "nosing" and the various designs associated with it
	Identify the parts of an open stair
	6. Follow local building codes for stair construction.
	<ul> <li>Identify appropriate code that applies to stair construction</li> </ul>
	Read and interpret code
	Follow and apply code standards
Suggested Texts & Materials	(update as needed)
updates (specify if any texts	No change
or materials are required):	
Department Required Course	(update as needed)
Activities (optional)	No change

or materials are required):				
Department Required Course	(update as needed)			
Activities (optional)	No change			
Is this course used for related instruction?  Yes  No				
If yes, then check to see if the hours of student learning should be amended in the related instruction				
template to reflect the revision.	This may require a related instruction curriculum revision.			

SECTION #2 IMPACT ON OTHER DEPARTMENTS					
Are there changes being requested that may impact other departments, such as academic programs that require this course as a prerequisite for courses, degrees, or certificates?					
Please provide details, who was contacted and the resolution.					
Implementation term Specify term (if AFTER the next available term)					
Allow 2-6 months to complete the approval process before scheduling the course.					
r	m)				

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean "

chair and dean.						
Submitter	Email	Date				
Glenn Wood	gwood@cgcc.edu	02/09/2023				
Department Chair (enter name of department chair): Jim Pytel						
Department Dean (enter name of department dean): Robert Wells-Clark						

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date 2.9.23

CC decision CC vote

# Columbia Gorge Community College

Cotambia Corge Community Cottege Control					
Course Revision					
	(Double click on check b	oxes to activate dial	log bo	<mark>ox)</mark>	
What are you seeking to	revise? Check all that apply				
Course number	Requisites	5		Related Instruction	
	○ Outcomes	;		Content	
Description	Repeatabi	lity		Text / Materials	
	1		l		
SECTION #1 GENERAL IN	IFORMATION & REVISIONS				
		Submitter name		Glenn Wood	
Department	CTE - Construction	Phone		541-965-3428	
		Email		gwood@cgcc.edu	
Current prefix and number	CT 113	Proposed prefix and number	d	No change	
Current course title	Building Decks and Porches			Deck Building	
Current Repeatability	0	Proposed Repeatability		No change	
Current transcript title (30 characters max)	Building Decks and Porches	Proposed transcript title (30 characters max)		Deck Building	
Reason for above proposed changes	Title more representative of	Title more representative of course content.			
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.					
Current Description (required whether being revised or not)				Proposed Description	
Introduces the methods and materials used for proper site preparation in deck and porch installations. Outlines the steps followed in the construction of a deck or porch. Covers the identification of defects that impact safety in wood and composite decks and porches. Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.					

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Reason for

description change

No change

Current prereq	Current prerequisites, corequisites and concurrent (if no change, leave blank)					
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121						
Placement into:						
prefix & number:			Prerequisite	Corequisite	pre/con	
prefix & number:			Prerequisite	Corequisite	pre/con	
Pr	oposed prerequisi	ites, c	corequisites and con	current		
Standard requisites - Prereq	uisite: MTH 20 or uisite/concurrent	-	-	st scores.		
Placement into:						
prefix & number:			Prerequisite	Corequisite	pre/con	
prefix & number:			Prerequisite	Corequisite	pre/con	
Reason for requisite changes No change	е	•				
family member, community citi through the application of direct recommended. Start each outco Writing Learning Outcomes on ***NOTE: Gen Ed Courses revision Cultural Literacy Request form Current learning outcomes (recommended)	ct and/or indirect one with an active the curriculum we no outcomes are reduited also be required whether	asses e verl ebsite <b>equi</b> i	ssment strategies. The b, completing the seed.)  red to submit a new f any course with a C	nree to six outcomentence starter pro Gen Ed Request fo	es are vided. (See orm. A new esignation.***	
Upon successful completion of this course, students will be able to:  1. Identify and compare varying types of decks and porches.  2. Select and install appropriate fasteners for deck and porch construction.  3. Prepare deck or porch site for layout and construction.  4. Recognize advantages and disadvantages of different structural and decking materials.  5. Identify defects that can impact safety in wood and composite decks and porches.  Upon successful completion of this course, students wi able to:  1. Demonstrate safe practices associated with Construction industry.  2. Identify and compare varying types of decks and porches.  3. Select and install appropriate fasteners for deck and porch construction.  4. Prepare deck or porch site for layout and construction.  5. Recognize advantages and disadvantages of different structural and decking materials.  6. Identify defects that can impact safety in wood and composite decks and porches.				e, students will be I with decks and rs for deck and and construction. ages of different		
Reason for outcomes change  With removal of CT 101 Tools & Safety from the degree/certificate, a safety outcome/content was added to courses throughout the program to ensure coverage of this material.						

(required if revising outcomes)

- 1. Demonstrate safe practices associated with Construction industry.
  - Cleanliness of work area
  - Recognizing margins for specific tool safety Red Zone
    - o Saws
    - o Drills
    - Hand tools
  - Maintaining tools in proper working condition
  - Safety rules of thumb:
    - o Don't force tools to do something they are not meant to do
    - Be present when using tools
    - Stay alert to what is going on around you
- 2. Identify and compare varying types of decks and porches.
  - Describe the types of decks and their features
    - o Ground level deck (footings only)
    - Raised deck (footings, post anchors)
  - Discuss porch styles and their features
    - o Open porch (no enclosure, roof)
    - o Screened Porch (screened, roof)
    - o Farmhouse porch (runs width of house, no enclosure, roof)
- 3. Select and install appropriate fasteners for deck and porch construction.
  - Demonstrate installation of concealed fasteners
  - Identify connectors to use for decks and porches
- 4. Prepare deck or porch site for layout and construction.
  - Study local codes for deck and porch building
  - Access appropriate building permits
  - Lay out a deck using measuring tape
  - Prove corners of deck using diagonal measurements
  - Install a ledger for deck attachment
- 5. Recognize advantages and disadvantages of different structural and decking materials.
  - Identify grades, species and sizes of wooden structural materials
  - Choose materials the resist decay and withstand outdoor exposure
  - Describe composite boards and their use
  - Properly dispose of composite scrap according to EPA regulations
- 6. Identify defects that can impact safety in wood and composite decks and porches.
  - Identify checks and splits in wood boards
  - Identify rot and decay in wood boards

Course Content – organized by outcomes (list each outcome followed by an outline of the related content):

	Recognize crooks and bows in wood boards							
		Identify delamination of composite boards						
		Recognize fiber and bonding defects of composite boards						
Suggested Texts & Materials updates (specify if any texts or materials are required):  (update as needed) No change								
Department Required Co Activities (optional)								
Is this course used for re	elated ir	nstruction?				Yes No		
If yes, then check to see template to reflect the r						on		
SECTION #2 IMPACT ON	OTHER	R DEPARTMENTS						
Are there changes being programs that require the						Yes No		
Please provide details, v	vho was	s contacted and the	resolution.					
		Next available term	after approval					
Implementation term		Specify term (if AFTE	R the next available	term)				
Allow 2-6 months to cor	mplete	the approval proces	s before scheduling t	he course.				
SECTION #3 DEPARTM	1ENT R	EVIEW						
"I vouch that this submiss								
they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum								
Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department								
day my submission is revi chair and dean."	iewed by	y the Curriculum Con	nmittee, a Course Sign	ature Form signed l	by the de <sub>l</sub>	partment		
Suhi	mitter		Fma	il	٦	)ate		

Submitter	Email	Date		
Glenn Wood <u>gwood@cgcc.edu</u> 02/09/2		02/09/2023		
Department Chair (enter name of department chair): Jim Pytel				
Department Dean (enter name of department dean): Robert Wells-Clark				

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cgcc.edu">curriculum@cgcc.edu</a> or <a href="mailto:slewis@cgcc.edu">slewis@cgcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee <u>meeting schedule and submission</u> <u>deadlines</u>. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.

CC date 2.9.23 CC decision

CC vote

# **Columbia Gorge Community College**

# **Course Revision**

(Double click on check boxes to activate dialog box)					
What are you seeking to	revise? Check all that apply				
Course number	Requisites Related Instruction				
Title	□ Outcomes	$\boxtimes$	Content		
Description	Repeatab	ility	Text / Materials		
	-	1			
SECTION #1 GENERAL IN	FORMATION & REVISIONS				
		Submitter name	Glenn Wood		
Department	CTE - Construction	Phone	541-965-3428		
		Email	gwood@cgcc.edu		
Current prefix and number	CT 114	Proposed prefix and number	No change		
Current course title	Windows and Interior Doors	Proposed title (60 characters max)	No change		
Current Repeatability	0	Proposed Repeatability	No change		
Current transcript title (30 characters max)	Windows and Interior Doors	Proposed transcript title (30 characters max)	No change		
Reason for above proposed changes	I No change				
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.					

	urrent Description hether being revised or not)	Proposed Description
doors available and their installation. Includes pro and locksets. Prerequisite	pes of windows, skylights, and interior proper use. Provides instructions for cedures for installing weather-stripping es: MTH 98 or placement into MTH 65; or WR 115. Audit Available.	
Reason for description change	No change	

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current prerequisites, corequisites and concurrent (if no change, leave blank)				
Standard requisites - Prereq	uisite: MTH 20 or eq uisite/concurrent: W	•	est scores.	
Placement into:				
prefix & number:		Prerequisite	Corequisite	pre/con
prefix & number:		Prerequisite	Corequisite	pre/con
Pr	oposed prerequisites	s, corequisites and co	ncurrent	
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121				
Placement into:				
prefix & number:		Prerequisite	Corequisite	pre/con
prefix & number:		Prerequisite	Corequisite	pre/con
Reason for requisite changes	je			
requisite changes				
LEARNING OUTCOMES: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ****NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new				
Cultural Literacy Request form Current learning outcomes (	will also be required required whether	of any course with a		esignation.***
Cultural Literacy Request form	will also be required required whether not)	of any course with a	Cultural Literacy downward	<b>esignation.***</b> es
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:  1. Install a standard window a	will also be required required whether not) this course,	New Upon successful cor be able to:	Cultural Literacy down learning outcome mpletion of this course	esignation.*** es urse, students will
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:	will also be required required whether not) this course, and replacement	Upon successful corbe able to:  1. Demonstrate sate Construction incomplete.	Cultural Literacy down learning outcome mpletion of this course	esignation.*** es urse, students will uted with
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:  1. Install a standard window a window.	will also be required required whether not) this course, and replacement ndow unit.	Upon successful corbe able to:  1. Demonstrate sate Construction inc.  2. Install a standar	Cultural Literacy down learning outcome impletion of this course practices associallustry.	esignation.*** es urse, students will ated with accement window.
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:  1. Install a standard window a window.  2. Install a bow or box bay wi  3. Prepare a rough opening fo installation.	will also be required required whether not) this course, and replacement ndow unit. or door frame	Upon successful corbe able to:  1. Demonstrate sate Construction inc.  2. Install a standar.  3. Install a bow or.  4. Prepare a rough.	Cultural Literacy devices we learning outcome impletion of this countries associal lustry.  I window and replose box bay window under the countries opening for door for the culture of th	esignation.*** es  urse, students will  ated with  acement window. nit. frame installation.
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:  1. Install a standard window a window.  2. Install a bow or box bay wiindow.  3. Prepare a rough opening for	will also be required required whether not) this course, and replacement ndow unit. or door frame	Upon successful corbe able to:  1. Demonstrate sate Construction inc.  2. Install a standar.  3. Install a bow or.  4. Prepare a rough.	Cultural Literacy devices we learning outcome impletion of this countries associal lustry.  I window and replose box bay window undow undow and replose the countries associated the countries are not seen the co	esignation.*** es  urse, students will  ated with  acement window. nit. frame installation.
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:  1. Install a standard window a window.  2. Install a bow or box bay wi  3. Prepare a rough opening fo installation.	will also be required required whether not) this course, and replacement andow unit. It door frame and exterior door.	Upon successful corbe able to:  1. Demonstrate sate Construction inc.  2. Install a standar.  3. Install a bow or  4. Prepare a rough.  5. Install standard.  101 Tools & Safety was added to courses.	Cultural Literacy devices we learning outcome impletion of this countries associal lustry.  It window and replace box bay window upopening for door for door frame and extended the degree/ce from the degree/ce	esignation.*** es  urse, students will  uted with  acement window. nit. frame installation. terior door. ertificate, a safety
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:  1. Install a standard window a window.  2. Install a bow or box bay wi 3. Prepare a rough opening for installation.  4. Install standard door frame  Reason for outcomes change  Course Content – organized	will also be required required whether not) this course, and replacement andow unit. or door frame and exterior door. With removal of CT outcome/content we coverage of this material (required if revising 1. Demonstrate sa	Upon successful corbe able to:  1. Demonstrate sate Construction incomplete.  2. Install a standard.  3. Install a bow or 4. Prepare a rough.  5. Install standard.  101 Tools & Safety was added to courses aterial.  g outcomes).	Cultural Literacy devices a learning outcome inpletion of this countries associal lustry.  I window and replose box bay window upopening for door for door frame and existence are also also and existence are also and existence are also and existence are also also and existence are also and existence are also also and existence are also are also also and existence are also also are also also also also also also also also	esignation.*** es  urse, students will  ated with  accement window.  nit.  frame installation.  terior door.  ertificate, a safety ogram to ensure
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:  1. Install a standard window a window.  2. Install a bow or box bay wi 3. Prepare a rough opening fo installation.  4. Install standard door frame  Reason for outcomes change  Course Content – organized by outcomes (list each	will also be required required whether not) this course, and replacement andow unit. or door frame and exterior door.  With removal of CT outcome/content we coverage of this material (required if revising 1. Demonstrate sate Cleanliness)	Upon successful corbe able to:  1. Demonstrate sate Construction incomplete.  2. Install a standard.  3. Install a bow or 4. Prepare a rough.  5. Install standard.  101 Tools & Safety was added to courses atterial.  g outcomes)  afe practices associated of work area.	w learning outcome inpletion of this country.  If e practices associal lustry.  If window and reploace box bay window upopening for door for door frame and exist from the degree/cethroughout the product with Construction	esignation.*** es  urse, students will  ated with  acement window. nit. frame installation. terior door. ertificate, a safety ogram to ensure  on industry.
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:  1. Install a standard window a window.  2. Install a bow or box bay wi  3. Prepare a rough opening for installation.  4. Install standard door frame  Reason for outcomes change  Course Content – organized by outcomes (list each outcome followed by an	will also be required required whether not) this course, and replacement andow unit. or door frame and exterior door.  With removal of CT outcome/content we coverage of this material (required if revising 1. Demonstrate sate and excognizing 1. Recognizing 1.	Upon successful corbe able to:  1. Demonstrate sate Construction incomplete.  2. Install a standar 3. Install a bow or 4. Prepare a rough 5. Install standard 101 Tools & Safety was added to courses aterial. Goutcomes) afe practices associated of work area gomargins for specific practices associated and gomargins for specific corbe and specific practices associated and gomargins for specific practices and gomargins for specific practices associated and gomargins for specific practices are goments.	w learning outcome inpletion of this country.  If e practices associal lustry.  If window and reploace box bay window upopening for door for door frame and exist from the degree/cethroughout the product with Construction	esignation.*** es  urse, students will  ated with  acement window. nit. frame installation. terior door. ertificate, a safety ogram to ensure  on industry.
Cultural Literacy Request form  Current learning outcomes ( being revised or  Upon successful completion of students will be able to:  1. Install a standard window a window.  2. Install a bow or box bay wi 3. Prepare a rough opening fo installation.  4. Install standard door frame  Reason for outcomes change  Course Content – organized by outcomes (list each	will also be required required whether not) this course, and replacement andow unit. or door frame and exterior door.  With removal of CT outcome/content we coverage of this material (required if revising 1. Demonstrate sate Cleanliness)	Upon successful corbe able to:  1. Demonstrate sate Construction incomplete.  2. Install a standard.  3. Install a bow or 4. Prepare a rough.  5. Install standard.  101 Tools & Safety was added to courses atterial.  9 outcomes)  afe practices associated of work area  9 margins for specificates.	w learning outcome inpletion of this country.  If e practices associal lustry.  If window and reploace box bay window upopening for door for door frame and exist from the degree/cethroughout the product with Construction	esignation.*** es  urse, students will  ated with  acement window. nit. frame installation. terior door. ertificate, a safety ogram to ensure  on industry.

	Maintaining tools in proper working condition
	Safety rules of thumb:
	<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>
	<ul> <li>Be present when using tools</li> </ul>
	<ul> <li>Stay alert to what is going on around you</li> </ul>
	Install a standard window and replacement window.
	Identify the basic parts of a window
	Define standard window height
	Describe how to acclimate windows before installing
	Check the rough opening for correct size
	Apply proper leveling before fastening
	Apply procedure for removing older window and installing replacement
	3. Install a bow or box bay window unit.
	<ul> <li>Understand the differences between a stick-built bay window and prefabricated units</li> </ul>
	Apply proper installation procedure for pre-fabricated unit
	4. Prepare a rough opening for door frame installation.
	Refer to local building code to determine minimum door width
	Prepare door frame for installation
	5. Install standard door frame and exterior door.
	Identify the swing for the door and where rabbets and jambs must be located
	Check door for proper fit within frame
	Determine the advantages of using pre-hung door units
	Follow manufacturer's recommendations when installing a pre-hung
	door unit
Suggested Texts & Materials	(update as needed)
updates (specify if any texts or materials are required):	No change
Department Required Course	(update as needed)
Activities (optional)	No change
Is this course used for related in	nstruction? Yes No
-	nours of student learning should be amended in the related instruction . This may require a related instruction curriculum revision.
SECTION #2 IMPACT ON OTHER	DEDARTMENTS
SECTION #2 IMPACT ON OTHER	
	sted that may impact other departments, such as academic Yes se as a prerequisite for courses, degrees, or certificates?

Please provide details, who was contacted and the resolution.			
Implementation term	Next available term after approval Specify term (if AFTER the next available term)		
Allow 2-6 months to complete the approval process before scheduling the course.			

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean "

Submitter	Email	Date	
Glenn Wood	gwood@cgcc.edu	02/09/2023	
Department Chair (enter name of department chair): Jim Pytel			
Department Dean (enter name of department dean	): Robert Wells-Clark		

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date 2.9.23 CC decision

CC vote

# **Columbia Gorge Community College**

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(Double click on check boxes to activate dialog box)						
What are you seeking to	revise? Check all that apply					
Course number	Requisites	Requisites Related Instruction				
Title	Outcomes	$\boxtimes$	Content			
Description	Repeatabi	ility	Text / Materials			
		1				
SECTION #1 GENERAL IN	FORMATION & REVISIONS					
		Submitter name	Glenn Wood			
Department	CTE - Construction	Phone	541-965-3428			
		Email	gwood@cgcc.edu			
Current prefix and number	CT 115	Proposed prefix and number	No change			
Current course title	Interior and Exterior Finishes	Proposed title (60 characters max)	No change			
Current Repeatability	0	Proposed Repeatability	No change			
Current transcript title (30 characters max)	Interior and Exterior Finishes	Proposed transcript title (30 characters max)	No change			
Reason for above proposed changes	l No change					
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.						

	urrent Description hether being revised or not)	Proposed Description
materials and techniques and accurate measuring	use of various interior and exterior finish is. Includes calculating material quantities techniques. Prerequisites: MTH 98 or placement into IRW 115 or WR 115.	
Reason for description change	No change	

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current	prereq	uisites, corequisites	and (	concurrent (if no	change, leave blan	k)	
Standard requisites -	-	uisite: MTH 20 or eq uisite/concurrent: W		•	est scores.		
Placement into:							
prefix & number:				Prerequisite	Corequisite	pre/con	
prefix & number:				Prerequisite	Corequisite	pre/con	
	Pr	oposed prerequisites	s, cor	equisites and cor	ncurrent		
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121							
Placement into:							
prefix & number:				Prerequisite	Corequisite	pre/con	
prefix & number:				Prerequisite	Corequisite	pre/con	
Reason for requisite changes	o chang	e					
LEARNING OUTCOMES: I	<b>.</b>		•11.1	" .	" (		
through the application recommended. Start each Writing Learning Outcors ***NOTE: Gen Ed Courses Cultural Literacy Reques Current learning outcors	family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ***NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new Cultural Literacy Request form will also be required of any course with a Cultural Literacy designation.***  Current learning outcomes (required whether					nes are vided. (See  orm. A new esignation.***	
being revised or not) Upon successful completion of this course,			Lln		w learning outcome npletion of this cou		
students will be able to:		tilis course,		able to:	וויף נפנוטוו טו נוווא כטנ	arse, students witt	
Calculate material quantities for interior and exterior finishes.			Demonstrate safe practices associated with Construction industry.				
Accurately measure, cut and install exterior finishes.			2. Calculate material quantities for interior and exterior finishes.				
3. Accurately measure,	cut and				3. Accurately measure, cut and install exterior finishes.		
finishes.	finishes.			Accurately meas	ure, cut and install	exterior finishes.	
4. Properly install hardware to doors and cabinets.			4.	Accurately meas	ure, cut and install	interior finishes.	
·	ware to		_	Accurately meas		interior finishes.	
·			4. 5. 101 vas a	Accurately meas Properly install I Tools & Safety indded to courses	ure, cut and install hardware to doors a from the degree/ce	interior finishes. and cabinets. ertificate, a safety	
cabinets.	ange	With removal of CT outcome/content w coverage of this ma (required if revising	4. 5. 101 vas a ateria	Accurately meas Properly install I Tools & Safety indded to courses al.	fure, cut and install hardware to doors from the degree/ce throughout the pro	interior finishes. and cabinets. ertificate, a safety gram to ensure	
cabinets.  Reason for outcomes characteristics  Course Content – organisty outcomes (list each	ange ized	With removal of CT outcome/content w coverage of this material (required if revising 1. Demonstrate sa	4. 5. 101 vas a ateria out	Accurately meas Properly install I Tools & Safety i Idded to courses al. Iccomes) ractices associate	ure, cut and install hardware to doors a from the degree/ce	interior finishes. and cabinets. ertificate, a safety gram to ensure	
cabinets.  Reason for outcomes characteristics  Course Content – organisty outcomes (list each outcome followed by an	ange ized	With removal of CT outcome/content w coverage of this material (required if revising 1. Demonstrate sate Cleanliness	4. 5. 101 vas a ateria out afe p	Accurately meas Properly install I Tools & Safety indded to courses in al. Ecomes) ractices associated work area	fure, cut and install hardware to doors from the degree/ce throughout the pro	ertificate, a safety ogram to ensure	
cabinets.  Reason for outcomes characteristics  Course Content – organisty outcomes (list each	ange ized	With removal of CT outcome/content w coverage of this material (required if revising 1. Demonstrate sate Cleanliness	4. 5. 101 vas a ateria g out afe p of v	Accurately meas Properly install I Tools & Safety indded to courses in al. Ecomes) ractices associated work area	fure, cut and install hardware to doors from the degree/ce throughout the pro	ertificate, a safety ogram to ensure	

	o Drills				
	<ul> <li>Hand tools</li> </ul>				
	Maintaining tools in proper working condition				
	Safety rules of thumb:				
	<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>				
	Be present when using tools				
	Stay alert to what is going on around you				
	<ul><li>Calculate material quantities for interior and exterior finishes.</li><li>Construction math</li></ul>				
	• Layout				
	Blueprint reading				
	3. Accurately measure, cut and install exterior finishes.				
	Insulation and thermal insulation				
	Vapor barriers				
	Waterproofing				
	Roof ventilation				
	4. Accurately measure, cut and install interior finishes.				
	Bases and casings				
	Handrails and stair caps				
	Stair treads				
	5. Properly install hardware to doors and cabinets.				
	Placement				
	Accurate measurement				
	Predrilling techniques				
Suggested Texts & Materials	(update as needed)				
updates (specify if any texts	No change				
or materials are required):  Department Required Course	(undate as peoded)				
Activities (optional)	(update as needed) No change				
ricarra co (cp a criary	The strainings				
Is this course used for related in	nstruction? Yes				
	No No				
	nours of student learning should be amended in the related instruction . This may require a related instruction curriculum revision.				
temptate to reflect the revision	This may require a related mistraction carried and revision.				
SECTION #2 IMPACT ON OTHER	R DEPARTMENTS				
	sted that may impact other departments, such as academic Yes				
programs that require this cour	se as a prerequisite for courses, degrees, or certificates?				
Please provide details, who was	s contacted and the resolution.				

Implementation term	Next available term after approval Specify term (if AFTER the next available term)
Allow 2-6 months to co	mplete the approval process before scheduling the course.

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean "

chair and dean.				
Submitter	Email	Date		
Glenn Wood	gwood@cgcc.edu	02/09/2023		
Department Chair (enter name of department chair): Jim Pytel				
Department Dean (enter name of department dean): Robert Wells-Clark				

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date 2.9.23 CC decision

CC vote

**Columbia Gorge Community College** 

Course Revision					
(Double click on check boxes to activate dialog box)					
What are you seeking to	revise? Check all that apply				
Course number	Requisites	5	Related Instruction		
Title		5 ×	Content		
Description	Repeatabi	ility	Text / Materials		
SECTION #1 GENERAL II	NFORMATION & REVISIONS				
		Submitter name	Glenn Wood		
Department	CTE - Construction	Phone	541-965-3428		
		Email	gwood@cgcc.edu		
Current prefix and number	CT 221	Proposed prefix and number	No change		
Current course title	Advanced Materials and Methods	Proposed title (60 characters max)	No change		
Current Repeatability	0 Proposed Repeatability		No change		
Current transcript title (30 characters max)	Advanced Materials and Methods	Proposed transcript title (30 characters max)	No change		
Reason for above proposed changes	No change				
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at <a href="Writing-Course Descriptions">Writing Course Descriptions</a> .					
	Description being revised or not)	Proposed Description			
Investigates more advanced building practices, including new materials and their properties.  Examines the latest approaches to construction, comparing and contrasting with traditional methods. Prerequisites: WR 121; MTH 105 or  Investigates more advanced building practices, including new materials and their properties. Examines the latest approaches to construction, comparing and contrasting with traditional methods. Prerequisites:  MTH 98 or placement into MTH 65; placement into IR			s and their properties. Examines construction, comparing and onal methods. <b>Prerequisites:</b> nto MTH 65; placement into IRW		
equivalent placement to	est scores. Audit available.	<b>115 or WR 115.</b> Audit A	.งสแสบเษ.		

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

To reflect requisite changes.

Reason for description

change

Curre	Current prerequisites, corequisites and concurrent (if no change, leave blank)					
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121						
Placement into:						
prefix & number: WR placement test scores		105 or equivalent		Corequisite	pre/con	
prefix & number:			Prerequisite	Corequisite	pre/con	
	Pro	oposed prerequisites	, corequisites and con	current		
Standard requisite	-	uisite: MTH 20 or eq uisite/concurrent: W	uivalent placement te R 121	est scores.		
Nacement into: IF	RW 115 or	WR 115				
prefix & number: MT 65	H 98 or pl	acement into MTH		Corequisite	pre/con	
prefix & number:			Prerequisite	Corequisite	pre/con	
Reason for	•	, ,	r than needed. Studer			
requisite changes	secona ye	ear rather than need	ng to complete the fi	rst year prior to the	e secona.	
through the applicati recommended. Start of Writing Learning Out ***NOTE: Gen Ed Cou	LEARNING OUTCOMES: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ***NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new Cultural Literacy Request form will also be required of any course with a Cultural Literacy designation.***					
Current learning or	utcomes (revised or i	•	New	learning outcome	es	
Upon successful com students will be able	pletion of to:	this course,	Upon successful comp be able to: <b>1. Demonstrate safe</b>			
<ol> <li>Weigh the advant advanced materia</li> </ol>	9	alsad valitages of	Construction indu	•	ca with	
construction.  2. Test new building	nroducts		•	ages and disadvan ng in construction.	tages of advanced	
effectiveness.  3. Identify attributes			3. Test new building effectiveness.	products for effic	iency and	
,			4. Identify attributes of modular structures.			
4. Locate quality resources to stay current with emerging construction trends.		•	5. Locate quality res emerging constru		rent with	
			101 Tools & Safety f	•	•	
Reason for outcomes change outcome/content was added to courses throughout the program to ensure coverage of this material.				gram to ensure		

	(required if revising outcomes)
	1. Demonstrate safe practices associated with Construction industry.
	Cleanliness of work area
	Recognizing margins for specific tool safety – Red Zone
	o Saws
	o Drills
	o Hand tools
	Maintaining tools in proper working condition
	Safety rules of thumb:
	<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>
	<ul> <li>Be present when using tools</li> </ul>
	<ul> <li>Stay alert to what is going on around you</li> </ul>
	Weigh the advantages and disadvantages of advanced materials emerging in construction.
Course Content – organized	Properties
by outcomes (list each	Durability
outcome followed by an	Ease of use
outline of the related	3. Test new building products for efficiency and effectiveness.
content):	Research
	Select a focus
	• Test
	Evaluate
	4. Identify attributes of modular structures.
	Flexibility
	Reuse options
	Time and materials
	Safety
	5. Locate quality resources to stay current with emerging construction trends.
	Articles
	Periodicals
	Conferences
	Podcasts
Suggested Texts & Materials updates (specify if any texts or materials are required):	(update as needed) No change
Department Required Course	(update as needed)
Activities (optional)	No change

Is this course used for re	elated instruction? Yes No				
If yes, then check to see if the hours of student learning should be amended in the related instruction template to reflect the revision. This may require a related instruction curriculum revision.					
SECTION #2 IMPACT ON	OTHER DEPARTMENTS				
Are there changes being requested that may impact other departments, such as academic programs that require this course as a prerequisite for courses, degrees, or certificates?					
Please provide details, who was contacted and the resolution.					
Implementation term	<ul><li>Next available term after approval</li><li>Specify term (if AFTER the next available term)</li></ul>				
Allow 2-6 months to complete the approval process before scheduling the course.					

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean."

Submitter	Email	Date		
Glenn Wood	gwood@cgcc.edu	02/09/2023		
Department Chair (enter name of department chair): Jim Pytel				
Department Dean (enter name of department dean): Robert Wells-Clark				

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date CC decision

CC vote

2.9.23

# **Columbia Gorge Community College**

_		•	•	
Course	· D	21/1	C1/	n
course		-141	SIL	,,,

(Double click on check boxes to activate dialog box)				
What are you seeking to revise? Check all that apply				
<ul><li>☐ Course number</li><li>☐ Title</li><li>☐ Description</li></ul>	Requisites  Outcomes  Repeatable	5	Related Instruction Content Text / Materials	
		·   —		
SECTION #1 GENERAL II	NFORMATION & REVISIONS			
Department	CTE - Construction	Submitter name Phone Email	Glenn Wood 541-965-3428 gwood@cgcc.edu	
Current prefix and number	CT 222	Proposed prefix and number	No change	
Current course title	Advanced Foundations: Concrete	Proposed title (60 characters max)	Commercial Concrete	
Current Repeatability	0	Proposed Repeatability	No change	
Current transcript title (30 characters max)	Advanced Foundations: Concrete	Proposed transcript title (30 characters max)	Commercial Concrete	
Reason for above proposed changes	Title more representative of	f course content.		
description with an activ		ses: "This course will" a	in each sentence of the course nd/or "Students will" Include can be found at Writing	
	Description being revised or not)	Propose	ed Description	
Introduces concrete construction, including layout, footings, foundation walls, and slabs. Utilizes different forming methods and materials to erect a concrete foundation. Addresses handling and curing of concrete. Prerequisites: WR 121; MTH 105 or equivalent placement test scores. Audit available.		footings, foundation wall forming methods and ma foundation. Addresses ha <b>Prerequisites: MTH 98 or</b>	struction, including layout, ls, and slabs. Utilizes different aterials to erect a concrete andling and curing of concrete. It placement into MTH 65; or WR 115. Audit Available.	
Reason for description change	To reflect requisite changes	i.		

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current prere	Current prerequisites, corequisites and concurrent (if no change, leave blank)						
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121							
Placement into:	Placement into:						
prefix & number: WR 121; MT placement test scores	H 105 or equivale	nt		Corequisite	pre/con		
prefix & number:			Prerequisite	Corequisite	pre/con		
P	roposed prerequi	sites,	corequisites and con	current			
Standard requisites - Prere	quisite: MTH 20 c quisite/concurren	-	=	est scores.			
Nacement into: IRW 115 o	r WR 115						
prefix & number: MTH 98 or p	olacement into M <sup>-</sup>	TH		Corequisite	pre/con		
prefix & number:			Prerequisite	Corequisite	pre/con		
·	-	_	than needed. Studer g to complete the fir				
family member, community circular through the application of direction recommended. Start each outcomes or writing Learning Outcomes or	LEARNING OUTCOMES: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ****NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new						
Current learning outcomes (r	equired whether			earning outcomes			
being revised or Upon successful completion o	•	Uno	n successful complet				
students will be able to:	tins course,	able	•	tion or this course,	, stadents witt be		
1. Estimate amount of concresset of concrete footings.	ete for a given		Demonstrate safe pra industry.	actices associated	with Construction		
Demonstrate proper mixin curing of concrete.	g, placing and		Estimate amount of of footings.	concrete for a give	n set of concrete		
Construct forms for footing foundations.	gs and	3. Demonstrate proper mixing, placing and curing of concrete.			nd curing of		
4. Pour and finish footings a	nd foundations.	4. (	4. Construct forms for footings and foundations.				
		5. f	Pour and finish footi	ngs and foundatio	ns.		
			101 Tools & Safety f	•	•		
Reason for outcomes change outcome/content was added to courses throughout the program to ensure coverage of this material.							

Course Content – organized by outcomes (list each outcome followed by an outline of the related content):	(required if revising outcomes)  1. Demonstrate safe practices associated with Construction industry.  • Cleanliness of work area  • Recognizing margins for specific tool safety – Red Zone  • Saws  • Drills  • Hand tools  • Maintaining tools in proper working condition  • Safety rules of thumb:  • Don't force tools to do something they are not meant to do  • Be present when using tools  • Stay alert to what is going on around you  2. Estimate amount of concrete for a given set of concrete footings.  • Calculate amount of concrete for job  • Foundation layout  • Build form work for footing type  3. Demonstrate proper mixing, placing and curing of concrete.  • Concrete tools  • Concrete materials and properties  • Placing and curing techniques (water sprinkle, covering, sealer)  • Concrete testing  4. Construct forms for footings and foundations.  • Concrete reinforcing  5. Pour and finish footings and foundations.  • Concrete troweling
Suggested Texts & Materials updates (specify if any texts or materials are required):	(update as needed) No change
Department Required Course Activities (optional)	(update as needed) No change

Is this course used for related instruction?	Yes No
If you there also all the sec if the begins of student leaving about his encounted in the valeted in	 

If yes, then check to see if the hours of student learning should be amended in the related instruction template to reflect the revision. This may require a related instruction curriculum revision.

SECTION #2 IMPACT ON OTHER DEPARTMENTS					
Are there changes being requested that may impact other departments, such as academic programs that require this course as a prerequisite for courses, degrees, or certificates?					
Please provide details, who was contacted and the resolution.					
Implementation term	Next available term after approval				
	Specify term (if AFTER the next available term)				
Allow 2-6 months to complete the approval process before scheduling the course.					

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean "

Chair and dean.						
Submitter	Email	Date				
Glenn Wood	gwood@cgcc.edu	02/09/2023				
Department Chair (enter name of department chair): Jim Pytel						
Department Dean (enter name of department dean): Robert Wells-Clark						

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date CC decision

2.9.23

CC vote

# Columbia Gorge Community College

	3	•							
Course Revision									
(Double click on check boxes to activate dialog box)									
What are you seeking to revise? Check all that apply									
Course number	Requisite:	s	Related Instruction						
Title	○ Outcomes	5							
Description	Repeatab	ility	Text / Materials						
SECTION #1 GENERA	L INFORMATION & REVISIONS								
		Submitter name	Glenn Wood						
Department	CTE - Construction	Phone	541-965-3428						
		Email	gwood@cgcc.edu						
Current prefix and number	CT 223	Proposed prefix and number	No change						
Current course title	Fences, Handrails and Gates	Proposed title (60 characters max)	No change						
Current Repeatability	0	Proposed Repeatability	No change						
Current transcript title (30 characters max)	Fences, Handrails and Gates	Proposed transcript title (30 characters max)	No change						
Reason for above proposed changes	No change								
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at <a href="Writing Course Descriptions">Writing Course Descriptions</a> .									
	ent Description her being revised or not)	Proposed Description							
· · ·	and layout of a fence, handrail	Explores the design and layout of a fence, handrail and/or gate project. Includes selection of materials,							

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the

proper brace and attachment techniques, and

Audit available.

description change

Reason for

appropriate weather treatment. Prerequisites: WR

121; MTH 105 or equivalent placement test scores.

To reflect requisite changes.

proper brace and attachment techniques, and

WR 115. Audit Available.

appropriate weather treatment. Prerequisites: MTH 98

or placement into MTH 65; placement into IRW 115 or

Opt-out of Standard Prerequisites Request form.								
Current prerequisites, corequisites and concurrent (if no change, leave blank)								
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121								
Placement into:								
prefix & number: WR 121; MTH 105 or equiva-			valent	Prerequisite	Corequisite	pre/con		
prefix & number:				Prerequisite	Corequisite	pre/con		
	Pro	posed prere	quisites,	corequisites and con	current			
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121								
Placement into: IRW	115 or	WR 115						
prefix & number: MTH 98 or placement into MTH 65			□ Prerequisite	Corequisite	pre/con			
prefix & number:			Prerequisite	Corequisite	pre/con			
	Requisites are currently higher than needed. Students are to be able to start in first or							
requisite changes sec	cond ye	ar rather tha	an needin	g to complete the fir	rst year prior to the	e second.		
LEARNING OUTCOMES: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ***NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new Cultural Literacy Request form will also be required of any course with a Cultural Literacy designation.***								
Current learning outcomes (required			New learning outcomes					
whether being revised or not) Upon successful completion of this course,			Upon successful completion of this course, students will be able					
students will be able to:		to:						
Design layout based on client's request.		Demonstrate safe practices associated with Construction industry.						
Calculate material requirements.			2. Design layout based on client's request.					
3. Present estimate with any nuances for		3. Calculate material requirements.						
client approval.		4. Present estimate with any nuances for client approval.						
4. Construct project according to plans.			5. Construct project according to plans.					
5. Apply appropriate finish.			6. Apply appropriate finish.					
Reason for outcomes cha	With removal of CT 101 Tools & Safety from the degree/certificate, a safety outcome/content was added to courses throughout the program to ensure coverage of this material.							

	(required if revising outcomes)			
	1. Demonstrate safe practices associated with Construction industry.			
	Cleanliness of work area			
	<ul> <li>Recognizing margins for specific tool safety – Red Zone</li> </ul>			
	o Saws			
	o Drills			
	<ul> <li>Hand tools</li> </ul>			
	Maintaining tools in proper working condition			
	Safety rules of thumb:			
	<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>			
	<ul> <li>Be present when using tools</li> </ul>			
	<ul> <li>Stay alert to what is going on around you</li> </ul>			
	2. Sketch layout based on client's request.			
	Create materials list			
	Determine Construction method			
Course Content – organized	Prepare site			
by outcomes (list each outcome followed by an	3. Calculate material requirements.			
outline of the related	Identification of building products			
content):	Calculation of cost			
	Schedule of events			
	4. Present estimate with any nuances for client approval.			
	Communicate effectively			
	Document changes and any estimate impact			
	Follow up regularly			
	5. Construct project according to plans.			
	<ul> <li>Machining, surfacing and assembly</li> </ul>			
	• Joinery			
	Adhesives			
	Hardware			
	6. Apply appropriate finish.			
	Stains and application techniques			
	Paint and application techniques			
	Protective finishes			
Suggested Texts & Materials	(update as needed)			
updates (specify if any texts	No change			
or materials are required):				
Department Required Course	(update as needed)			
Activities (optional)	No change			

Is this course used for re	elated instruction?	Yes ⊠ No			
If yes, then check to see if the hours of student learning should be amended in the related instruction template to reflect the revision. This may require a related instruction curriculum revision.					
SECTION #2 IMPACT ON	OTHER DEPARTMENTS				
Are there changes being requested that may impact other departments, such as academic programs that require this course as a prerequisite for courses, degrees, or certificates?					
Please provide details, v	vho was contacted and the resolution.				
Implementation term	<ul><li>Next available term after approval</li><li>Specify term (if AFTER the next available term)</li></ul>				
Allow 2-6 months to complete the approval process before scheduling the course.					

### **SECTION #3 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean."

Submitter	Email	Date		
Glenn Wood	gwood@cgcc.edu	02/09/2023		
Department Chair (enter name of department chair): Jim Pytel				
Department Dean (enter name of department dean): Robert Wells-Clark				

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date 2.9.23

CC decision CC vote

### **Columbia Gorge Community College**

Course	Kevision	

#### (Double click on check boxes to activate dialog box) What are you seeking to revise? Check all that apply Course number $\bowtie$ Requisites Related Instruction Title $\boxtimes$ Outcomes Content XText / Materials Description Repeatability **SECTION #1 GENERAL INFORMATION & REVISIONS** Submitter name Glenn Wood 541-965-3428 CTE - Construction Phone Department Email gwood@cgcc.edu Current prefix and Proposed prefix and CT 230 No change number number Proposed title (60 Current course title Roofing and Siding No change characters max) Proposed **Current Repeatability** 0 No change Repeatability Proposed transcript Current transcript title Roofing and Siding No change (30 characters max) title (30 characters max) Reason for above No change proposed changes **COURSE DESCRIPTION**: To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will ..." and/or "Students will ..." Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.

Current Description (required whether being revised or not)		Proposed Description
Introduces the technique and architectural asphales sheet and single shingle Prerequisites: WR 121; Ne placement test scores.	e siding options. MTH 105 or equivalent	Introduces the techniques for installing both metal and architectural asphalt roofing. Explores lap, sheet and single shingle siding options. Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.
Reason for description change	To reflect requisite changes	5.

**REOUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current prereq	Current prerequisites, corequisites and concurrent (if no change, leave blank)				
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121					
Placement into:					
prefix & number: WR 121; MTH placement test scores	105 or equival	ent	□ Prerequisite	Corequisite	pre/con
prefix & number:			Prerequisite	Corequisite	pre/con
Pr	oposed prerequ	isites, (	corequisites and cor	ncurrent	
Standard requisites - Prereq	uisite: MTH 20 uisite/concurre	-	•	est scores.	
□ Placement into: IRW 115 or	WR 115				
prefix & number: MTH 98 or pl 65	acement into M	ITH		Corequisite	pre/con
prefix & number:			Prerequisite	Corequisite	pre/con
•	,	_	than needed. Stude g to complete the fi		
requisite changes   second yo	במו ומנווכו נוומוו ו	iceuiii	g to complete the h	ist year prior to the	e secona.
family member, community citi through the application of direct recommended. Start each outcomes on ***NOTE: Gen Ed Courses revision Cultural Literacy Request form	ct and/or indirect ome with an act the curriculum v ong outcomes are	ct asses ive ver website e requi	ssment strategies. T b, completing the se e.) <b>red to submit a new</b>	hree to six outcomentence starter pro  Gen Ed Request fo	es are vided. (See orm. A new
Current learning outcomes whether being revised	• •		New l	earning outcomes	
Upon successful completion of	•	-	successful complet	ion of this course,	students will be
			:o: emonstrate safe pra idustry.	ctices associated v	vith Construction
Calculate and explain roofing and siding bids.			lentify appropriate r roject.	naterials for a roof	ing or siding
3. Demonstrate roof and sidin	g envelopes	3. Calculate and explain roofing and siding bids.			
for waterproofing.		4. Demonstrate roof and siding envelopes for waterproofing.			
4. Inspect and identify potent	al leak issues.	5. Ir	spect and identify p	otential leak issue	25.
Reason for outcomes change		ent wa	.01 Tools & Safety f s added to courses t erial.	•	

	(required if revising outcomes)
	Demonstrate safe practices associated with Construction industry.
	Cleanliness of work area
	Recognizing margins for specific tool safety – Red Zone
	o Saws
	o Drills
	<ul> <li>Hand tools</li> </ul>
	Maintaining tools in proper working condition
	Safety rules of thumb:
	<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>
	<ul> <li>Be present when using tools</li> </ul>
	<ul> <li>Stay alert to what is going on around you</li> </ul>
	2. Identify appropriate materials for a roof or siding project.
	Siding material types
Course Content – organized	Roofing material types
by outcomes (list each	Fastening systems for siding and roofing
outcome followed by an outline of the related	Manufacturers and mill requirements
content):	Building codes
	3. Calculate and explain roofing and siding bids.
	Square footage calculation
	Board footage calculation
	Blueprint and specification reading
	Communicate effectively
	4. Demonstrate roofing and siding envelopes for waterproofing.
	Sheathing and building paper
	Waterproofing options (peel 'n stick flashing, roof sealants,
	waterproof siding)
	Application methods
	5. Inspect and identify potential leak issues.
	<ul> <li>Inspection techniques (water meter, crawl spaces, signs of mold)</li> </ul>
	Leak tests
	Repair options
Suggested Texts & Materials	(update as needed)
updates (specify if any texts or materials are required):	No change
Department Required Course	(update as needed)
Activities (optional)	No change
Is this course used for related in	nstruction? Yes No
	ours of student learning should be amended in the related instruction . This may require a related instruction curriculum revision.

SECTION #2 IMPACT ON	OTHER DEPARTMENTS					
	requested that may impact other departments, such as academic Yes is course as a prerequisite for courses, degrees, or certificates?					
Please provide details, v	who was contacted and the resolution.					
	Next available term after approval					
Implementation term	Specify term (if AFTER the next available term)					
Allow 2-6 months to co	mplete the approval process before scheduling the course.					
SECTION #3 DEPARTM	MENT REVIEW					
	sion has been reviewed by the affiliated department chair and department dean and that attributed the submission. I am requesting that it be placed on the next Curriculum					
Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the						
•	iewed by the Curriculum Committee, a Course Signature Form signed by the department					

**Email** 

gwood@cgcc.edu

### Department Chair (enter name of department chair): Jim Pytel

Submitter

Glenn Wood

Department Dean (enter name of department dean): Robert Wells-Clark

### **NEXT STEPS:**

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

Date

02/09/2023

CC date 2.9.23 CC decision

CC vote

## **Columbia Gorge Community College**

**Course Revision** 

(Double click on check boxes to activate dialog box)						
What are you seeking to	What are you seeking to revise? Check all that apply					
<ul><li>☐ Course number</li><li>☐ Title</li><li>☑ Description</li></ul>	Requisites  Outcomes  Repeatable	5	Related Instruction Content Text / Materials			
SECTION #1 GENERAL II	NFORMATION & REVISIONS					
Department	CTE - Construction	Submitter name Phone Email	Glenn Wood 541-965-3428 awood@cgcc.edu			
Current prefix and number	CT 231	Proposed prefix and number	No change			
Current course title	Sheetrock/Drywall Basics	Proposed title (60 characters max)	No change			
Current Repeatability	0	Proposed Repeatability	No change			
Current transcript title (30 characters max)	Sheetrock/Drywall Basics	Proposed transcript title (30 characters max)	No change			
Reason for above proposed changes	No change					
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at <a href="Writing Course Descriptions">Writing Course Descriptions</a> .						
	Current Description Proposed Description (required whether being revised or not)					
Explores the basics of working with sheetrock, from handling and storage to mud, tape and textures. Introduces tools and techniques and addresses proper measuring, cutting and fitting. Prerequisites: WR 121; MTH 105 or equivalent placement test scores. Audit available.		handling and storage to Introduces tools and ted measuring, cutting and	vorking with sheetrock, from mud, tape and textures. chniques and addresses proper fitting. Prerequisites: MTH 98 or placement into IRW 115 or WR			
Reason for description	To reflect requisite changes	5.				

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Curr	Current prerequisites, corequisites and concurrent (if no change, leave blank)					
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121						
Placement into:						
prefix & number: WR placement test score		105 or equivale	nt	Prerequisite	Corequisite	pre/con
prefix & number:				Prerequisite	Corequisite	pre/con
	Pro	oposed prerequis	sites,	corequisites and con	current	
Standard requisit		uisite: MTH 20 o uisite/concurren	•	ivalent placement te 121	st scores.	
Placement into: II	RW 115 or	WR 115				
prefix & number: MT 65	TH 98 or pl	acement into M	ГН	Prerequisite	Corequisite	pre/con
prefix & number:				Prerequisite	Corequisite	pre/con
Reason for requisite changes	•	•	_	than needed. Studer g to complete the fir		
LEARNING OUTCOME						
family member, complete through the application recommended. Start Writing Learning Out ***NOTE: Gen Ed Could Cultural Literacy Requirements	on of direct each outco comes on rses revision	t and/or indirect ome with an active the curriculum w og outcomes are	t asse ve ver vebsit <b>requi</b>	ssment strategies. The because of the sest of the sest of the sest of the sest of the submit anew is submit anew	nree to six outcom ntence starter pro Gen Ed Request fo	es are vided. (See orm. A new
Current learning out	tcomes (receivised or no	•		New le	earning outcomes	
Upon successful com	pletion of		Upon successful completion of this course, students will be able to:			
students will be able to:  1. Apply an understanding of single layer sheetrock/drywall construction		1. I	Demonstrate safe pra industry.			
installation.				Apply an understandi sheetrock/drywall co		
Perform backing and edge corner treatments.		Perform backing and edge corner treatments.				
3. Identify proper tools and techniques for applying mud, tape and textures.			Identify proper tools tape and textures.	and techniques fo	r applying mud,	
4. Apply finishing techniques.		5. /	Apply finishing techn	niques.		
Reason for outcomes	change		nt wa	101 Tools & Safety from 101 Tools & Safety from 101 to courses the course the c	•	

	(required if revising outcomes)				
	1. Demonstrate safe practices associated with Construction industry.				
	Cleanliness of work area				
	Recognizing margins for specific tool safety – Red Zone				
	o Saws				
	o Drills				
	<ul> <li>Hand tools</li> </ul>				
	Maintaining tools in proper working condition				
	Safety rules of thumb:				
	<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>				
	Be present when using tools				
	<ul> <li>Stay alert to what is going on around you</li> </ul>				
	Understand single layer construction.				
	Calculate drywall materials				
Course Content – organized	Types of drywall				
by outcomes (list each	Proper storage and handling of drywall				
outcome followed by an outline of the related	Perform backing and edge corner treatments				
content):	Cornerbeads				
•	Rigging				
	Molding application				
	Covering seams				
	4. Identify proper tools and techniques for applying mud, tape and textures.				
	Tool selection				
	Applying tape  The sent to the sent its annihilation (annual at the sent its annihilation).				
	Types of textures and its application (orange peel, stucco, slap brush)  Pateling demand densely.				
	Patching damaged drywall				
	5. Apply finishing techniques.				
	Troweling				
	Edging				
	Broom finish				
	Concrete stains				
Suggested Texts & Materials	(update as needed)				
updates (specify if any texts or materials are required):	No change				
Department Required Course	(update as needed)				
Activities (optional)	No change				

Is this course used for related instruction?		Yes No
If yes, then check to see if the hours of student learning should be amended in the related ir	struct	ion
template to reflect the revision. This may require a related instruction curriculum revision.		

SECTION #2 IMPACT ON OTHER DEPARTMENTS					
		t other departments, such as academic	Yes		
programs that require the	his course as a prerequisite	for courses, degrees, or certificates?	⊠ No		
Please provide details, v	who was contacted and the	resolution.			
	Next available term	after approval			
Implementation term Specify term (if AFTER the next available term)					
Allow 2-6 months to co	mplete the approval proces	s before scheduling the course.			
SECTION #3 DEPARTN	MENT REVIEW				
"I vouch that this submis	sion has been reviewed by th	ne affiliated department chair and departn	nent dean and that		
they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum					
Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the					
day my submission is rev	riewed by the Curriculum Con	nmittee, a Course Signature Form signed l	by the department		
chair and dean."					
Submitter Email Date					

### Department Chair (enter name of department chair): Jim Pytel

Glenn Wood

Department Dean (enter name of department dean): Robert Wells-Clark

### **NEXT STEPS:**

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
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gwood@cgcc.edu

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02/09/2023

CC date

2.9.23

CC decision CC vote

## **Columbia Gorge Community College**

Course Revision
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(Double click on check boxes to activate dialog box)					
What are you seeking to revise? Check all that apply					
Course number Title Description	Outcomes		Related Instruction Content Text / Materials		
		<u> </u>			
SECTION #1 GENERAL IN	FORMATION & REVISIONS				
Department	CTE - Construction	Submitter name Phone Email	Glenn Wood 541-965-3428 gwood@cgcc.edu		
Current prefix and number	CT 232	Proposed prefix and number	No change		
Current course title	Flooring Basics	Proposed title (60 characters max)	No change		
Current Repeatability	0	Proposed Repeatability	No change		
Current transcript title (30 characters max)	Flooring Basics	Proposed transcript title (30 characters max)	No change		
Reason for above proposed changes	No change				
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at <a href="Writing Course Descriptions">Writing Course Descriptions</a> .					
	Description being revised or not)	Proposed Description			
Explores hardwood, engineered wood, laminate, vinyl, plank, tile and sheet flooring and the proper use for each. Addresses subfloor preparation, cutting vents and making other penetrations, as well as installation. Prerequisites: WR 121; MTH 105 or equivalent placement test scores. Audit available.		Explores hardwood, engineered wood, laminate, vinyl, plank, tile and sheet flooring and the proper use for each. Addresses subfloor preparation, cutting vents and making other penetrations, as well as installation.  Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.			
Reason for description	i I lo reflect requisite changes				

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current prerequisites, corequisites and concurrent (if no change, leave blank)						
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121						
Placement into:						
prefix & number: WR placement test score		105 or equivalen	t		Corequisite	pre/con
prefix & number:				Prerequisite	Corequisite	pre/con
	Pro	oposed prerequisi	tes,	corequisites and con	current	
Standard requisite	-	uisite: MTH 20 or uisite/concurrent:	•	ivalent placement te 121	est scores.	
Nacement into: If	RW 115 or	WR 115				
prefix & number: MT 65	H 98 or pl	acement into MTI	Н		Corequisite	pre/con
prefix & number:				☐ Prerequisite	Corequisite	pre/con
Reason for	•	, .	-	than needed. Studer		
requisite changes	second ye	ear rather than ne	eam	ig to complete the fi	rst year prior to the	e secona.
through the applicati recommended. Start <u>Writing Learning Out</u> ***NOTE: Gen Ed Cou	family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ***NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new Cultural Literacy Request form will also be required of any course with a Cultural Literacy designation.***					
Current learning ou being re	tcomes (re	•		New	learning outcomes	;
Upon successful com	•	this course,		on successful comple	etion of this course	e, students will be
students will be able  1. Identify appropria		a type for	abt	e to:  Demonstrate safe p	ractices associated	l with
1. Identify appropriates desired use.	ate mooning	g type for		Construction indust		•
2. Prepare subfloor	surface an	d install vapor	2. Identify appropriate flooring type for desired use.			
barrier.		·	3. Prepare subfloor surface and install vapor barrier.			
3. Perform proper penetration techniques based on flooring type.		4. Perform proper penetration techniques based on flooring type.				
4. Install a variety of flooring types based on manufacturer's instructions.			5.	Install a variety of f manufacturer's instr	• • • •	d on
Reason for outcomes change With removal of CT 101 Tools & Safety from the degree/certificate, a safety outcome/content was added to courses throughout the program to ensure coverage of this material.						

1. Demonstrate safe practices associated with Construction industry.  Cleanliness of work area  Recognizing margins for specific tool safety – Red Zone  Saws  Drills  Hand tools  Maintaining tools in proper working condition  Safety rules of thumb:  Don't force tools to do something they are not meant to do  Be present when using tools  Stay alert to what is going on around you  I lidentify appropriate flooring type for desired use.  Tile types (ceramic, porcelain, glass, etc.)  Tile selection based on use (durability, maintenance)  Wood floor options (wood-like laminate, engineered wood, hardwood)  Wood floor characteristics (durability, maintenance)  Refinishing existing wood floors  Prepare subfloor surface and install vapor barrier.  Subfloor preparation and/or repair  Moisture vapor transmission  Permeability  Demonstrate proper penetration techniques based on flooring type.  Proper cutting tools  Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)  Finishing of cuts and penetrations  Install a variety of flooring types based on manufacturer's instructions.  Layout  Installation techniques (glue, nails, tongue and groove)  Grout options (Cementitious, epoxy, furan, color)  Tile and wood sealers  (update as needed)  No change		(required if revising outcomes)
Recognizing margins for specific tool safety – Red Zone  Saws  Drills  Hand tools  Maintaining tools in proper working condition  Safety rules of thumb:  Don't force tools to do something they are not meant to do Be present when using tools  Stay alert to what is going on around you  I. Identify appropriate flooring type for desired use.  Tile types (ceramic, porcelain, glass, etc.)  Tile selection based on use (durability, maintenance)  Wood floor options (wood-like laminate, engineered wood, hardwood)  Wood floor characteristics (durability, maintenance)  Refinishing existing wood floors  Perpare subfloor surface and install vapor barrier.  Subfloor preparation and/or repair  Moisture vapor transmission  Permeability  Demonstrate proper penetration techniques based on flooring type.  Proper cutting tools  Pernetration techniques to prevent damage (proper tools for cutting, how and where to cut)  Finishing of cuts and penetrations  Install a variety of flooring types based on manufacturer's instructions.  Layout  Installaion techniques (glue, nails, tongue and groove)  Grout options (Cementitious, epoxy, furan, color)  Tile and wood sealers   (update as needed)  No change		1. Demonstrate safe practices associated with Construction industry.
o Saws o Drills o Hand tools  • Maintaining tools in proper working condition • Safety rules of thumb: o Don't force tools to do something they are not meant to do o Be present when using tools o Stay alert to what is going on around you  1. Identify appropriate flooring type for desired use. • Tile types (ceramic, porcelain, glass, etc.) • Tile selection based on use (durability, maintenance) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Prepare subfloor surface and install vapor barrier. • Subfloor preparation and/or repair • Moisture vapor transmission • Permeability  3. Demonstrate proper penetration techniques based on flooring type. • Proper cutting tools • Penetration techniques to prevent damage (proper tools for cutting, how and where to cut) • Finishing of cuts and penetrations  4. Install a variety of flooring types based on manufacturer's instructions. • Layout • Installation techniques (glue, nails, tongue and groove) • Grout options (cementitious, epoxy, furan, color) • Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):		Cleanliness of work area
o Drills o Hand tools  • Maintaining tools in proper working condition • Safety rules of thumb: o Don't force tools to do something they are not meant to do o Be present when using tools o Stay alert to what is going on around you  1. Identify appropriate flooring type for desired use. • Tile types (ceramic, porcelain, glass, etc.) • Tile selection based on use (durability, maintenance) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor characteristics (durability, maintenance) • Refinishing existing wood floors  2. Prepare subfloor surface and install vapor barrier. • Subfloor preparation and/or repair • Moisture vapor transmission • Permeability  3. Demonstrate proper penetration techniques based on flooring type. • Proper cutting tools • Penetration techniques to prevent damage (proper tools for cutting, how and where to cut) • Finishing of cuts and penetrations  4. Install a variety of flooring types based on manufacturer's instructions. • Layout • Installation techniques (glue, nails, tongue and groove) • Grout options (Cementitious, epoxy, furan, color) • Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):		Recognizing margins for specific tool safety – Red Zone
Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Content):  Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Content):  Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Tile selection based on use (durability, maintenance)  Wood floor options (wood-like laminate, engineered wood, hardwood)  Wood floor characteristics (durability, maintenance)  Peperae subfloor surface and install vapor barrier.  Subfloor preparation and/or repair  Moisture vapor transmission  Permeability  Demonstrate proper penetration techniques based on flooring type.  Proper cutting tools  Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)  Finishing of cuts and penetrations  Install a variety of flooring types based on manufacturer's instructions.  Layout  Installation techniques (glue, nails, tongue and groove)  Grout options (Cementitious, epoxy, furan, color)  Tile and wood sealers  Cupdate as needed)  No change		o Saws
Maintaining tools in proper working condition     Safety rules of thumb:		o Drills
Safety rules of thumb:  Don't force tools to do something they are not meant to do Be present when using tools Stay alert to what is going on around you  I. Identify appropriate flooring type for desired use. Tile types (ceramic, porcelain, glass, etc.) Tile selection based on use (durability, maintenance) Wood floor options (wood-like laminate, engineered wood, hardwood) Wood floor characteristics (durability, maintenance) Refinishing existing wood floors Prepare subfloor surface and install vapor barrier. Subfloor preparation and/or repair Moisture vapor transmission Permeability Demonstrate proper penetration techniques based on flooring type. Proper cutting tools Penetration techniques to prevent damage (proper tools for cutting, how and where to cut) Finishing of cuts and penetrations Install a variety of flooring types based on manufacturer's instructions. Layout Installation techniques (glue, nails, tongue and groove) Grout options (cementitious, epoxy, furan, color) Tile and wood sealers  Cupdate as needed) No change		<ul> <li>Hand tools</li> </ul>
O Don't force tools to do something they are not meant to do O Be present when using tools O Stay alert to what is going on around you  1. Identify appropriate flooring type for desired use. It it types (ceramic, porcelain, glass, etc.) Tile selection based on use (durability, maintenance) Wood floor options (wood-like laminate, engineered wood, hardwood) Wood floor characteristics (durability, maintenance) Refinishing existing wood floors Prepare subfloor surface and install vapor barrier. Subfloor preparation and/or repair Moisture vapor transmission Permeability Demonstrate proper penetration techniques based on flooring type. Proper cutting tools Penetration techniques to prevent damage (proper tools for cutting, how and where to cut) Finishing of cuts and penetrations Install a variety of flooring types based on manufacturer's instructions. Layout Installation techniques (glue, nails, tongue and groove) Grout options (cementitious, epoxy, furan, color) Tile and wood sealers  (update as needed) No change		Maintaining tools in proper working condition
o Be present when using tools o Stay alert to what is going on around you  1. Identify appropriate flooring type for desired use. • Tile types (ceramic, porcelain, glass, etc.) • Tile selection based on use (durability, maintenance) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor characteristics (durability, maintenance) • Refinishing existing wood floors  2. Prepare subfloor surface and install vapor barrier. • Subfloor preparation and/or repair • Moisture vapor transmission • Permeability  3. Demonstrate proper penetration techniques based on flooring type. • Proper cutting tools • Penetration techniques to prevent damage (proper tools for cutting, how and where to cut) • Finishing of cuts and penetrations  4. Install a variety of flooring types based on manufacturer's instructions. • Layout • Installation techniques (glue, nails, tongue and groove) • Grout options (Cementitious, epoxy, furan, color) • Tile and wood sealers  (update as needed) No change		Safety rules of thumb:
Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  - Tile types (ceramic, porcelain, glass, etc.)  - Tile selection based on use (durability, maintenance)  - Wood floor options (wood-like laminate, engineered wood, hardwood)  - Wood floor characteristics (durability, maintenance)  - Refinishing existing wood floors  2. Prepare subfloor surface and install vapor barrier.  - Subfloor preparation and/or repair  - Moisture vapor transmission  - Permeability  3. Demonstrate proper penetration techniques based on flooring type.  - Proper cutting tools  - Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)  - Finishing of cuts and penetrations  4. Install a variety of flooring types based on manufacturer's instructions.  - Layout  - Installation techniques (glue, nails, tongue and groove)  - Grout options (Cementitious, epoxy, furan, color)  - Tile and wood sealers  (update as needed)  No change		<ul> <li>Don't force tools to do something they are not meant to do</li> </ul>
Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  1. Identify appropriate flooring type for desired use.  • Tile types (ceramic, porcelain, glass, etc.)  • Tile selection based on use (durability, maintenance)  • Wood floor options (wood-like laminate, engineered wood, hardwood)  • Wood floor characteristics (durability, maintenance)  • Refinishing existing wood floors  2. Prepare subfloor surface and install vapor barrier.  • Subfloor preparation and/or repair  • Moisture vapor transmission  • Permeability  3. Demonstrate proper penetration techniques based on flooring type.  • Proper cutting tools  • Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)  • Finishing of cuts and penetrations  4. Install a variety of flooring types based on manufacturer's instructions.  • Layout  • Installation techniques (glue, nails, tongue and groove)  • Grout options (Cementitious, epoxy, furan, color)  • Tile and wood sealers  (update as needed)  No change		<ul> <li>Be present when using tools</li> </ul>
Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  Nood floor options (wood-like laminate, engineered wood, hardwood)  Wood floor characteristics (durability, maintenance)  Refinishing existing wood floors  Prepare subfloor surface and install vapor barrier.  Subfloor preparation and/or repair  Moisture vapor transmission  Permeability  Demonstrate proper penetration techniques based on flooring type.  Proper cutting tools  Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)  Finishing of cuts and penetrations  Install a variety of flooring types based on manufacturer's instructions.  Layout  Installation techniques (glue, nails, tongue and groove)  Grout options (Cementitious, epoxy, furan, color)  Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):		<ul> <li>Stay alert to what is going on around you</li> </ul>
Course Content – organized by outcomes (list each outcome followed by an outline of the related content):  • Tile selection based on use (durability, maintenance) • Wood floor options (wood-like laminate, engineered wood, hardwood) • Wood floor characteristics (durability, maintenance) • Refinishing existing wood floors  2. Prepare subfloor surface and install vapor barrier. • Subfloor preparation and/or repair • Moisture vapor transmission • Permeability  3. Demonstrate proper penetration techniques based on flooring type. • Proper cutting tools • Penetration techniques to prevent damage (proper tools for cutting, how and where to cut) • Finishing of cuts and penetrations  4. Install a variety of flooring types based on manufacturer's instructions. • Layout • Installation techniques (glue, nails, tongue and groove) • Grout options (Cementitious, epoxy, furan, color) • Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):		1. Identify appropriate flooring type for desired use.
Course Content - organized by outcomes (list each outcome followed by an outline of the related content):  Wood floor options (wood-like laminate, engineered wood, hardwood)  Wood floor characteristics (durability, maintenance)  Refinishing existing wood floors  Prepare subfloor surface and install vapor barrier.  Subfloor preparation and/or repair  Moisture vapor transmission  Permeability  Demonstrate proper penetration techniques based on flooring type.  Proper cutting tools  Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)  Finishing of cuts and penetrations  Install a variety of flooring types based on manufacturer's instructions.  Layout  Installation techniques (glue, nails, tongue and groove)  Grout options (Cementitious, epoxy, furan, color)  Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):		Tile types (ceramic, porcelain, glass, etc.)
wood floor options (wood-like laminate, engineered wood, hardwood)     wood floor characteristics (durability, maintenance)     Refinishing existing wood floors     Prepare subfloor surface and install vapor barrier.     Subfloor preparation and/or repair     Moisture vapor transmission     Permeability     Demonstrate proper penetration techniques based on flooring type.     Proper cutting tools     Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)     Finishing of cuts and penetrations     Install a variety of flooring types based on manufacturer's instructions.     Layout     Installation techniques (glue, nails, tongue and groove)     Grout options (cementitious, epoxy, furan, color)     Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):		Tile selection based on use (durability, maintenance)
outcome followed by an outline of the related content):  - Wood floor characteristics (durability, maintenance) - Refinishing existing wood floors  - Prepare subfloor surface and install vapor barrier Subfloor preparation and/or repair - Moisture vapor transmission - Permeability  - Proper cutting tools - Penetration techniques based on flooring type Proper cutting tools - Penetration techniques to prevent damage (proper tools for cutting, how and where to cut) - Finishing of cuts and penetrations  - Layout - Install a variety of flooring types based on manufacturer's instructions Layout - Installation techniques (glue, nails, tongue and groove) - Grout options (Cementitious, epoxy, furan, color) - Tile and wood sealers  - Suggested Texts & Materials updates (specify if any texts or materials are required):		<ul> <li>Wood floor options (wood-like laminate, engineered wood,</li> </ul>
Wood floor characteristics (durability, maintenance)     Refinishing existing wood floors      Prepare subfloor surface and install vapor barrier.     Subfloor preparation and/or repair     Moisture vapor transmission     Permeability      Demonstrate proper penetration techniques based on flooring type.     Proper cutting tools     Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)     Finishing of cuts and penetrations      Install a variety of flooring types based on manufacturer's instructions.     Layout     Installation techniques (glue, nails, tongue and groove)     Grout options (Cementitious, epoxy, furan, color)     Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):		hardwood)
2. Prepare subfloor surface and install vapor barrier.  • Subfloor preparation and/or repair  • Moisture vapor transmission  • Permeability  3. Demonstrate proper penetration techniques based on flooring type.  • Proper cutting tools  • Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)  • Finishing of cuts and penetrations  4. Install a variety of flooring types based on manufacturer's instructions.  • Layout  • Installation techniques (glue, nails, tongue and groove)  • Grout options (Cementitious, epoxy, furan, color)  • Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):	•	Wood floor characteristics (durability, maintenance)
Subfloor preparation and/or repair     Moisture vapor transmission     Permeability     Demonstrate proper penetration techniques based on flooring type.     Proper cutting tools     Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)     Finishing of cuts and penetrations     Install a variety of flooring types based on manufacturer's instructions.     Layout     Installation techniques (glue, nails, tongue and groove)     Grout options (Cementitious, epoxy, furan, color)     Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):	content):	Refinishing existing wood floors
Moisture vapor transmission     Permeability  3. Demonstrate proper penetration techniques based on flooring type.     Proper cutting tools     Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)     Finishing of cuts and penetrations 4. Install a variety of flooring types based on manufacturer's instructions.     Layout     Installation techniques (glue, nails, tongue and groove)     Grout options (Cementitious, epoxy, furan, color)     Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):  (a but the sub-tile		2. Prepare subfloor surface and install vapor barrier.
Permeability  Demonstrate proper penetration techniques based on flooring type.  Proper cutting tools  Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)  Finishing of cuts and penetrations  Install a variety of flooring types based on manufacturer's instructions.  Layout  Installation techniques (glue, nails, tongue and groove)  Grout options (Cementitious, epoxy, furan, color)  Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):		Subfloor preparation and/or repair
3. Demonstrate proper penetration techniques based on flooring type.  • Proper cutting tools  • Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)  • Finishing of cuts and penetrations  4. Install a variety of flooring types based on manufacturer's instructions.  • Layout  • Installation techniques (glue, nails, tongue and groove)  • Grout options (Cementitious, epoxy, furan, color)  • Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):		Moisture vapor transmission
<ul> <li>Proper cutting tools</li> <li>Penetration techniques to prevent damage (proper tools for cutting, how and where to cut)</li> <li>Finishing of cuts and penetrations</li> <li>Install a variety of flooring types based on manufacturer's instructions.</li> <li>Layout</li> <li>Installation techniques (glue, nails, tongue and groove)</li> <li>Grout options (cementitious, epoxy, furan, color)</li> <li>Tile and wood sealers</li> </ul> Suggested Texts & Materials updates (specify if any texts or materials are required):		Permeability
Penetration techniques to prevent damage (proper tools for cutting, how and where to cut) Finishing of cuts and penetrations  Install a variety of flooring types based on manufacturer's instructions.  Layout Installation techniques (glue, nails, tongue and groove) Grout options (cementitious, epoxy, furan, color) Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):  (update as needed) No change		3. Demonstrate proper penetration techniques based on flooring type.
how and where to cut)  • Finishing of cuts and penetrations  4. Install a variety of flooring types based on manufacturer's instructions.  • Layout  • Installation techniques (glue, nails, tongue and groove)  • Grout options (Cementitious, epoxy, furan, color)  • Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):  (update as needed)  No change		Proper cutting tools
<ul> <li>Finishing of cuts and penetrations</li> <li>Install a variety of flooring types based on manufacturer's instructions.</li> <li>Layout</li> <li>Installation techniques (glue, nails, tongue and groove)</li> <li>Grout options (cementitious, epoxy, furan, color)</li> <li>Tile and wood sealers</li> </ul> Suggested Texts & Materials updates (specify if any texts or materials are required): <ul> <li>(update as needed)</li> <li>No change</li> </ul>		
4. Install a variety of flooring types based on manufacturer's instructions.  • Layout  • Installation techniques (glue, nails, tongue and groove)  • Grout options (cementitious, epoxy, furan, color)  • Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):  (update as needed)  No change		, '
<ul> <li>Layout         <ul> <li>Installation techniques (glue, nails, tongue and groove)</li> <li>Grout options (cementitious, epoxy, furan, color)</li> <li>Tile and wood sealers</li> </ul> </li> <li>Suggested Texts &amp; Materials updates (specify if any texts or materials are required):</li> </ul>		Finishing of cuts and penetrations
<ul> <li>Installation techniques (glue, nails, tongue and groove)</li> <li>Grout options (cementitious, epoxy, furan, color)</li> <li>Tile and wood sealers</li> <li>Suggested Texts &amp; Materials updates (specify if any texts or materials are required):</li> </ul>		4. Install a variety of flooring types based on manufacturer's instructions.
<ul> <li>Grout options (cementitious, epoxy, furan, color)</li> <li>Tile and wood sealers</li> <li>Suggested Texts &amp; Materials updates (specify if any texts or materials are required):</li> </ul> (update as needed) No change		· ·
• Tile and wood sealers  Suggested Texts & Materials updates (specify if any texts or materials are required):  (update as needed) No change		
Suggested Texts & Materials updates (specify if any texts or materials are required):  (update as needed) No change		
updates (specify if any texts or materials are required):		Tile and wood sealers
updates (specify if any texts or materials are required):  No change	Suggested Texts & Materials	
	updates (specify if any texts	No change
Department Required Course (update as needed)	or materials are required):	
	Department Required Course	1, .
Activities (optional) No change	Activities (optional)	No change

Is this course used for re	elated instruction?	Yes ⊠ No		
If yes, then check to see if the hours of student learning should be amended in the related instruction template to reflect the revision. This may require a related instruction curriculum revision.				
SECTION #2 IMPACT ON	OTHER DEPARTMENTS			
Are there changes being requested that may impact other departments, such as academic programs that require this course as a prerequisite for courses, degrees, or certificates?				
Please provide details, who was contacted and the resolution.				
Implementation term  Next available term after approval  Specify term (if AFTER the next available term)				
Allow 2-6 months to complete the approval process before scheduling the course.				

### **SECTION #3 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department chair and dean."

Submitter	Email	Date		
Glenn Wood	gwood@cgcc.edu	02/09/2023		
Department Chair (enter name of department chair): Jim Pytel				
Department Dean (enter name of department dean): Robert Wells-Clark				

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date 2.9.23

CC decision **Columbia Gorge Community College** CC vote

### **Course Revision**

(Double click on check boxes to activate dialog box)					
What are you seeking to revise? Check all that apply					
<ul><li>☐ Course number</li><li>☐ Title</li><li>☐ Description</li></ul>	Requisites Outcomes Repeatability		Related Instruction Content Text / Materials		
<u> </u>	<u> </u>				
SECTION #1 GENERA	L INFORMATION & REVISIONS				
Department	CTE - Construction	Submitter name Phone Email	Glenn Wood 541-965-3428 gwood@cgcc.edu		
Current prefix and number	CT 233	Proposed prefix and number	No change		
Current course title	Green Building	Proposed title (60 characters max)	Green Building Materials and Methods		
Current Repeatability	0	Proposed Repeatability	No change		
Current transcript title (30 characters max)	Green Building	Proposed transcript title (30 characters max)	Green Building Mat & Methods		
Reason for above proposed changes	Title more representative of co	ourse content.			
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at <a href="Writing Course Descriptions">Writing Course Descriptions</a> .					
	Current Description Proposed Description (required whether being revised or not)				
Introduces the types and applications of green building materials. Investigates energy efficiency options, including improving indoor air quality.  Prerequisites: WR 121; MTH 105 or equivalent placement test scores. Audit available.		materials. Investigatincluding improving	s and applications of green building tes energy efficiency options, indoor air quality. <b>Prerequisites:</b> nt into MTH 65; placement into IRW dit Available.		
Reason for description change	To reflect requisite changes.				

**REQUISITES:** Note: If this course has been approved for the Gen Ed list, it will have, as a default the following requisites: "Prerequisite: MTH 20 or equivalent placement test scores. Prerequisite/concurrent: WR 121." If the department wants to set the RD, WR and/or MTH prerequisites at a lower level, you will need to submit the Opt-out of Standard Prerequisites Request form.

Current pr	erequisites, cor	equisites ar	nd concurrent (if no o	change, leave blan	k)
Standard requisites - Prerequisite: MTH 20 or equivalent placement test scores.  Prerequisite/concurrent: WR 121					
Placement into:					
prefix & number: WR 121; placement test scores	MTH 105 or eq	uivalent		Corequisite	pre/con
prefix & number:			Prerequisite	Corequisite	pre/con
	Proposed pre	erequisites,	corequisites and con	current	
Standard requisites - P	erequisite: MTI erequisite/con	-	•	est scores.	
Placement into: IRW 11	5 or WR 115				
prefix & number: MTH 98 65	or placement i	nto MTH	Prerequisite	Corequisite	pre/con
prefix & number:			Prerequisite	Corequisite	pre/con
	, , ,				
LEARNING OUTCOMES: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)  ***NOTE: Gen Ed Courses revising outcomes are required to submit a new Gen Ed Request form. A new Cultural Literacy Request form will also be required of any course with a Cultural Literacy designation.***					
Current learning outcon whether being revise	•		New lear	ning outcomes	
Upon successful completion of this course, students will be able to:  1. Recognize the energy and atmospheric impacts of building products.  2. Identify appropriate green materials for specific applications.  3. Apply energy performance in the planning and construction process.  4. Perform an energy audit of a given space.  Upon successful completion of this course, students will to:  1. Recognize the energy and atmospheric impacts of burproducts.  2. Identify appropriate green materials for specific applications.  3. Apply energy performance in the planning and construction process.  4. Perform an energy audit of a given space.  5. Communicate effectively with coworkers, industry parand admospheric impacts of burproducts.  2. Identify appropriate green materials for specific applications.  4. Perform an energy audit of a given space.  5. Communicate effectively with coworkers, industry parand atmospheric impacts of burproducts.  5. Communicate effectively with coworkers, industry parand atmospheric impacts of burproducts.  5. Communicate effectively with coworkers, industry parand atmospheric impacts of burproducts.  5. Communicate effectively with coworkers, industry parand atmospheric impacts of burproducts.  5. Communicate effectively with coworkers, industry parand atmospheric impacts of burproducts.  5. Communicate effectively with coworkers, industry parand atmospheric impacts of burproducts.  5. Communicate effectively with coworkers, industry parand atmospheric impacts of burproducts.  5. Communicate effectively with coworkers, industry parand atmospheric impacts of burproducts.  5. Communicate effectively with coworkers, industry parand atmospheric impacts of burproducts.			cts of building ific applications. nd construction		
Reason for outcomes chan	ge Adding c	ommunicati	on outcome to ensu	re PLO coverage.	

Course Content – organized by outcomes (list each outcome followed by an outline of the related content):	(required if revising outcomes)  1. Recognize the energy and atmospheric impacts of building products.  • Key practices of sustainable buildings, such as:  o synthetic roof underlayment  o passive solar  o greywater plumbing  o solar thermal cladding  • LEED and other building guidelines  • EPA and DOE laws related to sustainable building  2. Identify appropriate green materials for specific applications.  • High efficiency products  • PV Systems  • Geothermal heating/cooling  3. Apply energy performance in the planning and construction process.  • Thermal and electrical loads  • Structure envelope – vapor barrier, Insulation  • Structure placement – wind and sun patterns  • Energy efficient HVAC systems  4. Perform an energy audit of a given space.  • Planning scope of audit  • Investigating systems within scope  • Implementing efficiency changes  • Sustaining changes  5. Communicate effectively with coworkers, industry partners, and clients.  • Be prepared for presentations  o Collect data  o Understanding client needs  o Recognizing budgetary constraints  • Using imagery – drawings and pictures  • Relevant vocabulary  • Tact and patience  • Timeliness
Suggested Texts & Materials updates (specify if any texts or materials are required):  Department Required Course	(update as needed) No change (update as needed)
Activities (optional)	No change Yes
Is this course used for related in	nstruction? No
The state of the s	ours of student learning should be amended in the related instruction  This may require a related instruction curriculum revision.

SECTION #2 IMPACT ON	NOTHER DEPARTMENTS			
Are there changes being requested that may impact other departments, such as academic programs that require this course as a prerequisite for courses, degrees, or certificates?				
Please provide details, v	who was contacted and the resolution.			
Implementation term	Next available term after approval Specify term (if AFTER the next available term)			
Allow 2-6 months to co	mplete the approval process before scheduling the course.			
SECTION #3 DEPARTN	MENT REVIEW			
they have given initial au Committee agenda with a	sion has been reviewed by the affiliated department chair and department dean and that atthorization for this submission. I am requesting that it be placed on the next Curriculum available time slots. I understand that I am required to complete and submit, prior to the riewed by the Curriculum Committee, a Course Signature Form signed by the department			

Submitter	Email	Date
Glenn Wood	gwood@cgcc.edu	02/09/2023

Department Chair (enter name of department chair): Jim Pytel

Department Dean (enter name of department dean): Robert Wells-Clark

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date	2.9.23
CC decision	
CC vote	

# **New Course Career Technical Education (CTE)**

SECTION #1 GENER	AL INFO	RMATION						
Department:	Trades & Technology - Construction		phon	Submitter name phone and email		541	Glenn Wood 541-965-3428 gwood@cgcc.edu	
Prefix and Course Number:		CT 100	Cred	its:				3
Course Title: (60 characters max, including spaces)	Building Layout		chara	acte	pt Title: (30 ers max, g spaces)		Building Layout	
May this course be repeated for credit?	☐ Yes ☐ No	For how many times?	Cont	act	hours:	Lec	Lecture: 0 Lec/lab: 60 Lab: 0	
Is this course equival have the same descricedit.		•	☐ Y	es lo		Pre	Prefix, number and title:	
Reason for the new course.	Meets the wide variety of industry needs requested by industry partners.							
GRADE OPTIONS: Che default grade refers t do not make a choice default grade option.	o the opt or do no	ion that is listed at	the to	ор с	of the dropdow	n mei	nu for the CF	RN. Students who
Check all that apply Default (Choose one)								
		A-F (letter g	rade)		$\boxtimes$			$\boxtimes$
Pass/No pass				$\boxtimes$				
Audit in consultation with fac			culty		$\boxtimes$			
REQUISITES: Identify prerequisite, corequisite and concurrent course(s)								
Standard requisites – Place into MTH 98 or MTH 65								
Prerequisite/concurrent: WR 121								
placement into: IRW 115 or WR 115 placement into:								
course prefix & number: MTH 98 or placement into MTH 65			pre/co					
course prefix & number:				prerequisite	=	corequisite	pre/co	
course prefix & numl					prerequisite		orequisite	pre/co
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.								

Focusses on the fundamentals related to residential construction. Identifies safe practices to be used on the job site. Addresses proper use of layout tools in a variety of applications and locations. Prerequisites: MTH 98 or placement into MTH 65. Placement into IRW 115 or WR 115. Audit available.

**LEARNING OUTCOMES**: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See Writing Learning Outcomes on the curriculum website.)

	Upon successful completion of this course, students will be able to:
Outcomes: (Use	Demonstrate safe practices associated with Construction industry.
	2. Read and create simple drawings or prints from a variety of floor plans and typicals.
observable and	3. Create a set of perpendicular control lines to layout construction floor plans.
measurable verbs)	4. Apply offsets and setbacks to the layout of a structure.
	5. Establish elevations and grades.
	6. Layout, on site, a 160-foot square dwelling with usable attic space.
	7. Communicate effectively with coworkers, industry partners and clients.
Outcomes assessment	
strategies (optional):	

### COURSE CONTENT, ACTIVITIES AND DESIGN

Activity & Design: The determination of teaching strategies used in the delivery of outcomes is generally left to the discretion of the instructor. On occasion, a department may decide that the inclusion of a particular strategy will be required (specify in "required activities" box below). For example, a department may determine that a course will be required to incorporate a service learning project into its curriculum delivery. However, for the most part, delivery mechanisms fall under academic freedom and so the individuality and creativity of each instructor.

Here are some strategies that you might consider when designing your course; lecture, small group/forum discussion, flipped classroom, dyads, oral presentation, role play, simulation scenarios, group projects, service learning projects, hands-on lab, peer review/workshops, cooperative learning (jigsaw, fishbowl), inquiry based instruction, differentiated instruction (learning centers), graphic organizers, etc.

Department required course activities (optional):	
Course Content – organized by outcomes (list each outcome followed by an outline of the related content):	<ol> <li>Demonstrate safe practices associated with Construction industry.         <ul> <li>a. Cleanliness of work area</li> <li>b. Recognizing margins for specific tool safety – Red Zone</li></ul></li></ol>

- 2. Read and create simple drawings or prints from a variety of floor plans and typicals.
  - a. Standard markings on a floor plan
    - i. Plan index/legend footings, foundations, orientation, perpendicular walls, anchor points, specialty anchors
    - ii. Scaling with Ratios
- 3. Create a set of perpendicular control lines to layout construction floor plans.
  - a. Purpose
    - i. Providing X and Y axis for establishment of all other dimensions
    - ii. Transferring an idea on paper to an actual site
    - iii. Team obligation to site accuracy
  - b. Making accurate readings, measurements and markings
    - i. Navigating and plotting document information correctly
    - ii. 3-4-5 procedure for creating 90-degree angle (Pythagorean Theorem)
  - Transfer of data/measurements
    - i. Accessing data from drawing for transposing on to the work surface
    - ii. Transposing site measurements to design layout
    - iii. Double checking finished markings on site work backwards to confirm measurements
- 4. Apply offsets and setbacks to the layout of a structure.
  - a. Define offsets and setbacks
    - i. Easements
    - ii. Property line codes and requirements
      - 1. Utilities placements
      - 2. Natural wetland regulations
  - b. Research appropriate documentation
    - i. Existing layouts
    - ii. New objectives
- 5. Establish elevations and grades.
  - a. Tools used in establishing elevation and grades
    - i. Laser levels
    - ii. Transits
    - iii. Water level
  - b. Surveyor marks and pins
  - c. Creating targets for checking elevations
- 6. Layout a 160-square foot dwelling with usable attic space.
  - a. Layout perpendicular control lines
  - b. Apply offsets
  - c. Establish elevations and grades

		ate effectively with coworkers, industry par prepared for presentations	tners, and clients.
		i. Collect data	
	ii. Understanding client needs		
	iii. Recognizing budgetary constraints		
	b. Using imagery – drawings and pictures		
		evant vocabulary	
		·	
		t and patience	
	e. Tim	neliness	
Suggested Texts & Materials (specify if any texts or materials are required):	Modern Carp	entry, 12th Edition, Wagner, Smith	
Department Notes			
(optional)			
SECTION #2 FUNCTION	N OE COURSE	WITHIN EXISTING AND/OR NEW PROG	DAM/S)
		degree and/or certificate. They cannot be	
certificate is approved. P		·	onered until the degree of
		currently approved CGCC certificate(s)	∑ Yes □ No
Name of certificate(s):	Constructi	on Technology – Building	# credit: 33
Name of degree(s):	Construction Technology AAS # credit: 94		
Will this new course be p	part of a new, pi	roposed CGCC certificate or degree?	Yes  No
Name of new certificate(	s):		# credit:
Name of new degree(s):			# credit:
Briefly explain how this course fits into the new of existing degrees /certificates noted above (i.e. requirement or elective):	requireme	nt	
Is this course used to sup	oply related inst	truction for a certificate?	Yes No
If <b>yes</b> , the related instruction submitted together with		able on the curriculum office website, mus	t be completed and
CECTION #7 ADDITION	IAL INICONAS	TION FOR NEW CTF COURSES	
Transferability: Will this		TION FOR NEW CTE COURSES	
transfer to another acade institution? Identify and nature of the transfer.	emic	no	

IMPACT ON OTHER PROGRAMS AND DE	PARTMENTS			
Are there degrees and/or certificates that are affected by the instruction of this course? If so, provide details.	no			
Are there similar courses existing in other programs or disciplines at CGCC? If yes, provide details and/or describe the nature of acknowledgments and/or agreements that have been reached.	no			
·	department? airs whose courses may be impacted by this duplication, prerequisite need, enrollment	☐ Yes ☑ No		
Explain and/or describe the nature of acknowledgments and/or agreements that have been reached.				
Has the Library director been notified regarding the addition of this course and the need for any potential resources?	<ul><li>✓ Yes – date: 12.21.22</li><li>☐ No</li></ul>			
Implementation term:	Start of next academic year (summer term  Specific term (if BEFORE next academic year)	•		
Course approval is dependent on approval of the related certificate/degree submission which documents the placement of the new course. Degree/certificate status will impact the speed of the process. The Curriculum Office will notify the submitter, department chair, and department director when the course has completed the approval process and is available to be scheduled. Curriculum changes generally go into effect at the beginning of the next academic year (summer term). Mid-year revisions/additions are discouraged but accommodated when possible if there is a specific, identifiable need.				
SECTION #4 DEPARTMENT REVIEW				
they have given initial authorization for the	iewed by the affiliated department chair and depois is submission. I am requesting that it be placed o is. I understand that I am required to complete ar	on the next Curriculum		

day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department

Submitter	Email	Date		
Glenn Wood gwood@cgcc.edu 2-9-23		2-9-23		
Department Chair (enter name of department chair): Jim Pytel				
Department Dean (enter name of department dean): Robert Clark				

CC date	
CC decision	
CC vote	

# **New Course Career Technical Education (CTE)**

SECTION #1 GENERAL INFORMATION							
_	Trades & Technology - Construction		Submitter name	(	Glenn Wood		
Department:			phone		541-965-3428		
2 0			and email	ç	gwood@cgcc.edu		
Prefix and Course Number:	C <sup>-</sup>	Г 241	Credits:		3		3
Course Title: (60 characters max, including spaces)	Hardware, Adhesives, Sealants & Flashings		Transcript Title: (3 characters max, including spaces)	30	Hrdw, Adhes, Selants & Flshgs		
May this course be repeated for credit?	Yes For how many times?		Contact hours:	l	Lecture: 0 Lec/lab: 60 Lab: 0		
Is this course equivale have the same descrip			Yes No	F	Prefix,	number a	and title:
Reason for the new course.  Meets the wide variety of industry needs requested by industry partners.							
GRADE OPTIONS: Check as many or as few options as you'd like. <b>Choose the default grade option</b> . The default grade refers to the option that is listed at the top of the dropdown menu for the CRN. Students who do not make a choice or do not make a change in the dropdown menu will automatically be assigned to the default grade option.							
Check all that apply Default (Choose one)							
A-F (letter grade)							
Pass/No pass			ss				
Audit in consultation with facul			ty				
REQUISITES: Identify prerequisite, corequisite and concurrent course(s)							
Standard requisites – Place into MTH 98 or MTH 65							
Prerequisite/concurrent: WR 121							
placement into: IRW 115 or WR 115 placement into:							
course prefix & number: MTH 98 or placement into MTH 65		prerequisite	e 🗆	corequisite pre/co			
course prefix & number:		prerequisit	e   <u>[</u>	=	quisite	pre/co	
course prefix & numb	er:		prerequisite	e   <u>L</u>	core	quisite	pre/co
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.							

Focuses on fundamentals related to the application and techniques for installing sealants, hardware, adhesives, and shaping flashings. Examines code requirements as well as ADA compliance. Prerequisites: MTH 98 or placement into MTH 65. Placement into IRW 115 or WR 115. Audit available.

**LEARNING OUTCOMES**: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)

Outcomes: (Use observable and	Upon successful completion of this course, students will be able to:
	1. Demonstrate safe practices associated with Construction industry.
	2. Identify common types of adhesives, their characteristics and uses.
measurable verbs)	3. Differentiate between water-based latex caulking and silicone-based sealants.
,	4. Apply appropriate types of flashing to residential structures.
	5. Install a variety of residential hardware.
Outcomes assessment	
strategies (optional):	

### COURSE CONTENT, ACTIVITIES AND DESIGN

Activity & Design: The determination of teaching strategies used in the delivery of outcomes is generally left to the discretion of the instructor. On occasion, a department may decide that the inclusion of a particular strategy will be required (specify in "required activities" box below). For example, a department may determine that a course will be required to incorporate a service learning project into its curriculum delivery. However, for the most part, delivery mechanisms fall under academic freedom and so the individuality and creativity of each instructor.

Here are some strategies that you might consider when designing your course: lecture, small group/forum discussion, flipped classroom, dyads, oral presentation, role play, simulation scenarios, group projects, service learning projects, hands-on lab, peer review/workshops, cooperative learning (jigsaw, fishbowl), inquiry based instruction, differentiated instruction (learning centers), graphic organizers, etc.

Department required course activities (optional):	
Course Content – organized by outcomes (list each outcome followed by an outline of the related content):	<ol> <li>Demonstrate safe practices associated with Construction industry.         <ul> <li>Cleanliness of work area</li> <li>Recognizing margins for specific tool safety – Red Zone</li> <li>Saws</li> <li>Drills</li> <li>Hand tools</li> <li>Maintaining tools in proper working condition</li> <li>Safety rules of thumb:                       <ul> <li>Don't force tools to do something they are not meant to do</li> <li>Be present when using tools</li> <li>Stay alert to what is going on around you</li> </ul> </li> <li>Identify common types of adhesives, their characteristics and uses.</li></ul></li></ol>

- 2. Repairing damaged lumber
- 3. Sound deadening for stair risers
- ii. Trouble shooting areas:
  - 1. Quick skinning
  - 2. Application and storage temperatures
  - 3. Use with caulking gun and clean-up
- b. Powdered glue
  - i. Uses
    - 1. For woods with knots
    - 2. Finished floor systems
  - ii. Trouble shooting areas
    - 1. Time sensitive
- c. Water-proof type one water resistant adhesive:
  - i. Uses
    - 1. Repairs and new construction when laminating
    - 2. Mock-ups for fabricating
- 3. Differentiate between water-based latex caulking and silicone-based sealants.
  - a. Caulking gun characteristics
  - b. Types of a sealants
    - i. Silicon-base
      - 1. Applications/usage
      - 2. Challenges
        - a. Cleaning requirements
        - b. Spreading/running a bead
    - ii. Water-base latex
      - 1. Applications/usage
      - 2. Challenges
        - a. Cleaning requirements
        - b. Spreading/running a bead
- 4. Apply appropriate types of flashing to residential structures
  - a. Types of flashing
    - i. Step flashing
    - ii. Drip flashing
    - iii. Gable-end flashing
    - iv. Roof boots
    - v. Z-flashing
- 5. Install a variety of residential hardware
  - a. Types of hardware
    - i. Drawer pulls
    - ii. Door hinges
    - iii. Lock sets
    - iv. Door stops
    - v. Door closers
    - vi. Door kicks
  - b. Adjust and maintain of existing hardware

Suggested Texts &	
Materials (specify if	Modern Carpentry, 12th Edition, Wagner, Smith
any texts or materials	
are required):	
Department Notes	
(optional)	

(optional)			
SECTION #2 FUNCTION O	F COURSE	WITHIN EXISTING AND/OR NEW PROGRAM	M(S)
New CTE courses must be attached to a degree and/or certificate. They cannot be offered until the degree or certificate is approved. Please answer below, as appropriate.			
Will this new course be part of existing, currently approved CGCC certificate(s)  And/or degree(s)?  Yes  No			⊠ Yes □ No
Name of certificate(s):	Constructi	on Technology – Building	# credit: 33
Name of degree(s):	Constructi	on Technology AAS	# credit: 94
Will this new course be part	of a new, pr	oposed CGCC certificate or degree?	Yes No
Name of new certificate(s):	Constructi	on Technology – Finishing	# credit: 33
Name of new degree(s):			# credit:
Briefly explain how this course fits into the new or existing degrees /certificates noted above (i.e. requirement or elective):	requirement		
Is this course used to supply	related inst	cruction for a certificate?	☐ Yes ☑ No
If <b>yes,</b> the related instruction <u>form</u> , available on the curriculum office website, must be completed and submitted together with this form.			e completed and
SECTION #3 ADDITIONAL	INFORMAT	TION FOR NEW CTE COURSES	
Transferability: Will this course transfer to another academic institution? Identify and describe the nature of the transfer.		no	
IMPACT ON OTHER PROGRAMS AND DEPARTMENTS			
Are there degrees and/or certificates that are affected by the instruction of this course? If so, provide details.		no	
Are there similar courses existing in other programs or disciplines at CGCC? If yes, provide details and/or describe the nature of acknowledgments and/or agreements that have been reached.		no	

Is there any potential impact on another department? Identify and consult with Department chairs whose courses may be impacted by this course, such as: content overlap, course duplication, prerequisite need, enrollment increase or decrease, etc.			
Explain and/or describe the nature of acknowledgments and/or agreements that have been reached.			
Has the Library director been notified regarding the addition of this course and the need for any potential resources?	☐ Yes – date: 12.21.22 ☐ No		
Implementation term:	Start of next academic year (summer term)  Specific term (if BEFORE next academic year)	•	
Course approval is dependent on approval of the related certificate/degree submission which documents the placement of the new course. Degree/certificate status will impact the speed of the process. The Curriculum Office will notify the submitter, department chair, and department director when the course has completed the approval process and is available to be scheduled. Curriculum changes generally go into effect at the beginning of the next academic year (summer term). Mid-year revisions/additions are discouraged but accommodated when possible if there is a specific, identifiable need.			

### **SECTION #4 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department shair and doan"

Criair and dean.		
Submitter	Email	Date
Glenn Wood	gwood@cgcc.edu	2.9.23
Department Chair (enter name of department chair): Jim Pytel		
Department Dean (enter name of department dean): Robert Clark		

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to <a href="mailto:curriculum@cqcc.edu">curriculum@cqcc.edu</a> or <a href="mailto:slewis@cqcc.edu">slewis@cqcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.

CC date	
CC decision	
CC vote	

# **New Course Career Technical Education (CTE)**

SECTION #1 GENERAL INFORMATION						
_	Trades & Technology -		Submitter name	Gle	Glenn Wood	
Department: Construction		•	phone		L-965-3428	
D (1)			and email	gw	gwood@cgcc.edu	
Prefix and Course Number:	C-	Г 242	Credits:		3	
Course Title: (60 characters max, including spaces)	Estimating Materials & Labor		Transcript Title: (30 characters max, including spaces)		Estimating Materials & Labor	
May this course be repeated for credit?	Yes For how many times?		Contact hours:	Led	Lecture: 0 Lec/lab: 60 Lab: 0	
•	this course equivalent to another? They must we the same description, outcomes and credit.			Pre	fix, number a	and title:
Reason for the new course.  Meets the wide variety of industry needs requested by industry partners.					ners.	
GRADE OPTIONS: Check as many or as few options as you'd like. <b>Choose the default grade option</b> . The default grade refers to the option that is listed at the top of the dropdown menu for the CRN. Students who do not make a choice or do not make a change in the dropdown menu will automatically be assigned to the default grade option.						
Check all that apply Default (Choose one)						
A-F (letter grade			e) 🖂			$\boxtimes$
Pass/No pas			ss			
Audit in consultation with facul			ty			
REQUISITES: Identify prerequisite, corequisite and concurrent course(s)						
Standard requisites – Place into MTH 98 or MTH 65						
Prerequisite/concurrent: WR 121						
placement into: IRW 115 or WR 115			placement into:			
course prefix & number: MTH 98 or placement into MTH 65		prerequisite		corequisite	pre/co	
course prefix & number:		prerequisite		corequisite	pre/co	
course prefix & number:			prerequisite		corequisite	pre/co
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.						

Explores both fixed and time/material models, budget flexibility and limitations. Compares dynamic scope verses fixed scope bids, including the calculation of materials and labor costs, timelines/deadlines, and change orders. Prerequisites: MTH 98 or placement into MTH 65. Placement into IRW 115 or WR 115. Audit available.

**LEARNING OUTCOMES**: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See Writing Learning Outcomes on the curriculum website.)

	Upon successful completion of this course, students will be able to:		
Outcomes: (Use observable and	Create an overall scope, budget, and timeline for work		
measurable verbs)	2. Implement a change order, including materials and labor costs		
,	3. Communicate effectively with coworkers, industry partners and clients.		
Outcomes assessment strategies (optional):			

### COURSE CONTENT, ACTIVITIES AND DESIGN

Activity & Design: The determination of teaching strategies used in the delivery of outcomes is generally left to the discretion of the instructor. On occasion, a department may decide that the inclusion of a particular strategy will be required (specify in "required activities" box below). For example, a department may determine that a course will be required to incorporate a service learning project into its curriculum delivery. However, for the most part, delivery mechanisms fall under academic freedom and so the individuality and creativity of each instructor.

Here are some strategies that you might consider when designing your course; lecture, small group/forum discussion, flipped classroom, dyads, oral presentation, role play, simulation scenarios, group projects, service learning projects, hands-on lab, peer review/workshops, cooperative learning (jigsaw, fishbowl), inquiry based instruction, differentiated instruction (learning centers), graphic organizers, etc.

Department required	
course activities	
(optional):	
Course Content – organized by outcomes (list each outcome followed by an outline of the related content):	<ol> <li>Create an overall scope, budget, and timeline for work         <ul> <li>a. Determine parameters of work to be done</li> <li>b. Preparing budget</li></ul></li></ol>
	d. Permits, inspection, zoning and plan review requirements apply and

	need to be updated and approved
	3. Communicate effectively with coworkers, industry partners, and clients.
	a. Be prepared for presentations
	i. Collect data
	ii. Understanding client needs
	iii. Recognizing budgetary constraints
	b. Using imagery – drawings and pictures
	c. Relevant vocabulary
	d. Tact and patience
	e. Timeliness
Suggested Texts &	
Materials (specify if	Modern Carpentry, 12th Edition, Wagner, Smith
any texts or materials	Wodern Garpenary, 12th Edition, Wagner, Offilia
are required):	
Department Notes	
(optional)	

(optional)			
SECTION #2 FUNCTION C	F COURSE	WITHIN EXISTING AND/OR NEW PROGRA	M(S)
New CTE courses must be a certificate is approved. Plea		degree and/or certificate. They cannot be off elow, as appropriate.	ered until the degree or
Will this new course be part of existing, currently approved CGCC certificate(s)  And/or degree(s)?  Yes  No			
Name of certificate(s):	Constructi	on Technology – Building	# credit: 33
Name of degree(s):	Constructi	on Technology AAS	# credit: 94
Will this new course be part	of a new, pi	oposed CGCC certificate or degree?	Yes No
Name of new certificate(s):	Constructi	on Technology – Finishing	# credit: 33
Name of new degree(s):			# credit:
Briefly explain how this course fits into the new or existing degrees /certificates noted above (i.e. requirement or elective):	requirement		
Is this course used to supply related instruction for a certificate?  Yes  No			
If <b>yes,</b> the related instruction <u>form</u> , available on the curriculum office website, must be completed and submitted together with this form.			
SECTION #3 ADDITIONAL	INFORMAT	TION FOR NEW CTE COURSES	
Transferability: Will this course transfer to another academic institution? Identify and describe the nature of the transfer.			

IMPACT ON OTHER PROGRAMS AND DE	PARTMENTS	
Are there degrees and/or certificates that are affected by the instruction of this course? If so, provide details.	no	
Are there similar courses existing in other programs or disciplines at CGCC? If yes, provide details and/or describe the nature of acknowledgments and/or agreements that have been reached.	no	
Is there any potential impact on another department?  Identify and consult with Department chairs whose courses may be impacted by this course, such as: content overlap, course duplication, prerequisite need, enrollment increase or decrease, etc.		
Explain and/or describe the nature of acknowledgments and/or agreements that have been reached.		
Has the Library director been notified regarding the addition of this course and the need for any potential resources?	☐ Yes – date: 12.21.22 ☐ No	
Implementation term:	Start of next academic year (summer term  Specific term (if BEFORE next academic year)	•
Course approval is dependent on approval of the related certificate/degree submission which documents the placement of the new course. Degree/certificate status will impact the speed of the process. The Curriculum Office will notify the submitter, department chair, and department director when the course has completed the approval process and is available to be scheduled. Curriculum changes generally go into effect at the beginning of the next academic year (summer term). Mid-year revisions/additions are discouraged but accommodated when possible if there is a specific, identifiable need.		
SECTION #4 DEPARTMENT REVIEW		
"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department		

chair and dean.		
Submitter	Email	Date
Glenn Wood	gwood@cgcc.edu	2.9.23
Department Chair (enter name of department chair): Jim Pytel		
Department Dean (enter name of department dean): Robert Clark		

CC date	
CC decision	
CC vote	

# **New Course Career Technical Education (CTE)**

SECTION #1 GENERAL INFORMATION							
Department:		s & Technology - Construction	Submitter name phone and email	Glenn Wood 541-965-3428 gwood@cgcc.edu			
Prefix and Course Number:		CT 243	Credits:	3			
Course Title: (60 characters max, including spaces)	Prints, [	Orawings and Plans	Transcript Title: (30 characters max, including spaces)	Prints, Drawings and Plans			
May this course be repeated for credit?	☐ Yes ⊠ No	For how many times?	Contact hours:	Lectur Lec/la Lab:	re: 0 ab: 60 0		
Is this course equivalent to another? They must have the same description, outcomes and credit.			Yes No	Prefix, number and title:			
Reason for the new course.	Meets the wide variety of industry needs requested by industry partners.						
GRADE OPTIONS: Check as many or as few options as you'd like. <b>Choose the default grade option</b> . The default grade refers to the option that is listed at the top of the dropdown menu for the CRN. Students who do not make a choice or do not make a change in the dropdown menu will automatically be assigned to the default grade option.							
			Check all that apply Defau		Defaul	t (Choose one)	
		A-F (letter grade)				$\boxtimes$	
REQUISITES: Ident	tify prerequis	site, corequisite and co	ncurrent course(s)				
Standard requisites – Place into MTH 98 or MTH 65 Prerequisite/concurrent: WR 121							
placement into: IRW 115 or WR 115			placement into:				
course prefix & nu MTH 65	□ prerequisite	С	orequisite	pre/co			
course prefix & nu	prerequisite	c	orequisite	pre/co			
course prefix & nu	prerequisite	c	orequisite	pre/co			
<b>COURSE DESCRIPTION</b> : To be used in the catalog and schedule of classes. Begin each sentence of the course description with an active verb. Avoid using the phrases: "This course will" and/or "Students will" Include course requisites in the description. Guidelines for writing concise descriptions can be found at Writing Course Descriptions.							

Develops skills for producing a set of drawings, plans, or prints. Examines basic views, including: elevations, section views and typicals. Provides an opportunity to create a functional design for a 200 square foot dwelling. Prerequisites: MTH 98 or placement into MTH 65. Placement into IRW 115 or WR 115. Audit available.

**LEARNING OUTCOMES**: Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See Writing Learning Outcomes on the curriculum website.)

Upon successful completion of this course, students will be able to: 1. Apply drawing skills when drafting plans, drawings and prints. Outcomes: (Use 2. Recognize the components of plan views, elevations, and section views. observable and 3. Create drawings of basic individual rooms. measurable verbs) 4. Design a 200-foot square dwelling with usable attic space. 5. Communicate effectively with coworkers, industry partners and clients.

Outcomes assessment strategies (optional):

### COURSE CONTENT, ACTIVITIES AND DESIGN

Activity & Design: The determination of teaching strategies used in the delivery of outcomes is generally left to the discretion of the instructor. On occasion, a department may decide that the inclusion of a particular strategy will be required (specify in "required activities" box below). For example, a department may determine that a course will be required to incorporate a service learning project into its curriculum delivery. However, for the most part, delivery mechanisms fall under academic freedom and so the individuality and creativity of each instructor.

Here are some strategies that you might consider when designing your course: lecture, small group/forum discussion, flipped classroom, dyads, oral presentation, role play, simulation scenarios, group projects, service learning projects, hands-on lab, peer review/workshops, cooperative learning (jigsaw, fishbowl), inquiry based instruction, differentiated instruction (learning centers), graphic organizers, etc.

Department required course activities (optional):	
Course Content – organized by	<ol> <li>Apply drawing skills when drafting plans, drawings and prints.         <ul> <li>a. Setting up drafting table</li> <li>b. Drafting tools (straight edge, 45/90 degree template, protractors)</li> <li>c. Drawing techniques</li></ul></li></ol>
outcomes (list each outcome followed by an outline of the related content):	<ul> <li>ii. Pencil control</li> <li>iii. Types of lines</li> <li>2. Recognize the components of plan views, elevations, and section views.</li> <li>a. Legends/index</li> <li>i. Explanation grid</li> <li>ii. Scale</li> <li>iii. Direction</li> </ul>

b. Floor plans i. Code requirements (cabinets, walkways, door heights, stairs) ii. 2 dimensional drawing – lines iii. Symbols c. Elevations i. Necessary data ii. 3 dimensional drawing elements d. Typicals i. Cross sections of common structural features ii. Code requirements					
ii. 2 dimensional drawing – lines iii. Symbols c. Elevations i. Necessary data ii. 3 dimensional drawing elements d. Typicals i. Cross sections of common structural features					
iii. Symbols c. Elevations i. Necessary data ii. 3 dimensional drawing elements d. Typicals i. Cross sections of common structural features					
c. Elevations i. Necessary data ii. 3 dimensional drawing elements d. Typicals i. Cross sections of common structural features					
i. Necessary data ii. 3 dimensional drawing elements d. Typicals i. Cross sections of common structural features					
ii. 3 dimensional drawing elements d. Typicals i. Cross sections of common structural features					
d. Typicals i. Cross sections of common structural features					
i. Cross sections of common structural features					
ii. Code requirements					
7 Control of the Control of the Part of the Control					
3. Create drawings of basic individual rooms.	_				
a. Kitchen					
b. Bathroom					
c. Living spaces					
d. Garages					
4. Design a 200-square foot dwelling with usable attic space.					
a. Draft accurate plans, including:					
i. Legend/index					
ii. Floor plans					
iii. Elevations					
iv. Typicals					
5. Communicate effectively with coworkers, industry partners, and clients.					
a. Be prepared for presentations					
i. Collect data					
ii. Understanding client needs					
iii. Recognizing budgetary constraints					
b. Using imagery – drawings and pictures					
c. Relevant vocabulary					
d. Tact and patience					
e. Timeliness					
Suggested Texts &					
Materials (specify if					
any texts or materials Modern Carpentry, 12th Edition, Wagner, Smith					
are required):					
Department Notes					
(optional)					

SECTION #2 FUNCTION OF COURSE WITHIN EXISTING AND/OR NEW PROGRAM(S)				
New CTE courses must be attached to a degree and/or certificate. They cannot be offered until the degree or certificate is approved. Please answer below, as appropriate.				
Will this new course be part of existing, currently approved CGCC certificate(s) and/or degree(s)?	∑ Yes ☐ No			

Name of certificate(s): Construc		on Technology - Building	# credit: 33			
Name of degree(s): Constructi		on Technology AAS	# credit: 94			
Will this new course be part of a new, proposed CGCC certificate or degree?  Yes  No						
Name of new certificate(s): Constructi		on Technology - Finishing	# credit: 33			
Name of new degree(s):			# credit:			
Briefly explain how this course fits into the new or existing degrees /certificates noted above (i.e. requirement or elective):		nt				
Is this course used to supply	Is this course used to supply related instruction for a certificate?  Yes  No					
_		able on the curriculum office website, must be	e completed and			
submitted together with this	form.					
SECTION #3 ADDITIONAL INFORMATION FOR NEW CTE COURSES						
Transferability: Will this course transfer to another academic institution? Identify and describe the nature of the transfer.		no				
IMPACT ON OTHER PROGRA	MS AND DE	PARTMENTS				
Are there degrees and/or cer that are affected by the instr this course? If so, provide de	uction of	no				
Are there similar courses exicother programs or disciplined of the nature of acknowledgments agreements that have been recommended.	describe nts and/or	no				
Is there any potential impact on another department? Identify and consult with Department chairs whose courses may be impacted by this course, such as: content overlap, course duplication, prerequisite need, enrollment increase or decrease, etc.						
Explain and/or describe the acknowledgments and/or agthat have been reached.						
Has the Library director been notified regarding the addition of this course and the need for any potential resources?						

Implementation term:	Start of next academic year (summer term)  Specific term (if BEFORE next academic year):
placement of the new course. Degree/ce Office will notify the submitter, department the approval process and is available to	val of the related certificate/degree submission which documents the ertificate status will impact the speed of the process. The Curriculum tent chair, and department director when the course has completed be scheduled. Curriculum changes generally go into effect at the
, , , , , , , , , , , , , , , , , , ,	mmer term). Mid-year revisions/additions are discouraged but
accommodated when possible if there is	a specific, identifiable need.

#### SECTION #4 DEPARTMENT REVIEW

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Course Signature Form signed by the department

chair and dean."				
Submitter	Email	Date		
Glenn Wood	gwood@cgcc.edu	2-9-23		
Department Chair (enter name of department chair): Jim Pytel				
Department Dean (enter name of department dean): Robert Clark				

#### **NEXT STEPS:**

- 1. Save this document as the course prefix and number (e.g. MTH 65 or HST 104). Send completed form electronically to curriculum@cgcc.edu or slewis@cgcc.edu.
- Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the curriculum office may review and provide feedback.
- 3. Course submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- It is not mandatory that you attend the Curriculum Committee meeting in which your submission is scheduled for review; however, it is strongly encouraged that you attend so that you may represent your submission and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

CC date CC decision

CC vote

# 02.09.23

# Columbia Gorge Community College

REVISION of AAS DEGREE REQUEST						
Submitted by: Glen Wood	Email: gwood@cgcc.edu	Phone: 541-965-3428	Department: Technology & Trades - Construction			

# (Double click on check boxes to activate dialog box)

	SECTION #1 OVERVIEW					
Current Title:	Со	nstruction Technology	Proposed Title:	No change		
Current Credits:		92	Proposed Credits:	90		
Overview and rationale for proposed changes:	To meet nee	ds of local contractors/constructi	on industry.			
List of specific changes being proposed which may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes etc. Use consistent words – Add, Remove, Increase, Decrease, Change	<ol> <li>Change course titles for the following courses: CT 102, CT 110, CT 113, CT 114, CT 222, CT 233</li> <li>Add: CT 100, CT 241, CT 242, CT 243</li> <li>Delete: CT 101, CT 234, CT 235, CT 236</li> <li>Changing terms for multiple courses</li> <li>Decrease degree credits from 92 to 90</li> <li>(23.9% change in degree)</li> </ol>					
Is this a statewide degree?	Yes No If so, have the changes been approved by the consortium?					
Are there any career pathway(s) or related certificates attached to this degree?	∑ Yes ☐ No	If yes, list title of career pathway(s) or related certificate(s)	Construction Technology certifi Basic Construction certificate	cate		

Does the revision in other areas of instru	•	☐ Yes ⊠ No	Explanation of issues and how t	hey are being resolved:	Has the revision been validated by the Advisory Committee?	⊠ Y   □ N	'es Io
If yes, have you talk impacted departme resolved any and al possible issues?	nts and	☐ Yes			Date of Advisory Committee meeting:	Sprin	g 2022
Requested Impleme Term	entation			Summer 2023			
			SECTION #2 P	EVISION AREAS			
			SECTION #2 N	EVISION AREAS			
Does the revision in	nvolve cha	nging degree	prerequisites?			Yes	⊠ No
Note that degree/certificate/program entry prerequisites are only enforceable in limited entry programs. Program prerequisites for open entry programs only have meaning when they are representative of prerequisites associated to specific courses within the program. Prerequisites that students are not able to test out of using Next Gen Accuplacer result in hidden degree/certificate requirements and should be avoided. (Courses that may be tested out of using Next Gen Accuplacer include: RD 90, RD 115, WR 90, WR 115, MTH 20, MTH 60, MTH 65, MTH 95, MTH 98, MTH 105, MTH 111, MTH 112.)					are not		
				EREQUISITES requisites are being changed.)			
Course Number		Course Title	e or Placement level	Requisites		Cred	dits
MTH 98 or place into MTH 65	Quantitat	tive Math or e	quivalent placement	placement into IRW 115 or WR 115; placement into MTH 98		4	1
Placement into IRW 115 or WR 115	Integrated Reading & Writing or Introduction to Expository Writing		ABE 75 or ABE 70 or GED 70 or equivalent placement Placement into WR 115		C	)	
				REREQUISITES leave blank.)			
Course Number		Course Title	e or Placement level	Requisites		Cred	dits
	No chang	 je					

# **DEGREE OUTCOMES** All degree outcomes will be reviewed by the committee regardless of whether or not outcomes have changed. Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See Writing Learning Outcomes on the curriculum website.) X Yes Does the revision involve changing degree outcomes? No **CURRENT DEGREE OUTCOMES** (Required whether or not outcomes are being changed.) Students who successfully complete this degree will be able to: Qualify for employment in the construction field. Apply comprehensive construction skills to build or remodel structures. Consider specialization in specific elements of the construction industry. Demonstrate professionalism and produce quality work. Use effective communication skills to interact with fellow crew members and supervisor. 6. Use critical thinking skills to evaluate jobsite practices. PROPOSED DEGREE OUTCOMES Students who successfully complete this degree will be able to: Apply comprehensive construction skills in building or remodeling structures. 2. Identify area for specialization in the construction industry. Demonstrate professionalism and produce quality work. Use effective communication skills to interact with fellow crew members and supervisor.

#### SECTION #3 COURSE BY COURSE COMPARISON

List all courses (current AND proposed) in the term by term order that is to be displayed in the catalog certificate map. List course requisites under Course Title. Include elective list below.

If you are adding a course, place it in the preferred term, identify such a course with (add) and bold the text in the line.

If you want to rearrange the order of courses within the term-by-term sequence, do so on this form.

If you are removing a course, identify the course with (remove) and bold the text.

5. Use critical thinking skills to evaluate jobsite practices.

If the course title is changed, identify the course with (title change) and bold the text.

If the course credits have changed, identify the course with (increase or decrease credit) and bold the text.

If you need more lines to accommodate the courses, right click and insert rows.

The information you provide on this form will be reflected in the CGCC catalog pages. Please ensure it is correct.

	Current Degree Information			Proposed Degree Information	
Course Number	Course Title & Requisites	Credits	Course Number	Course Title & Requisites	Credits
Fall Term (16 cre	edits)		Fall Term (16 cre	edits)	
	Tools and Safety (REMOVE)			Building Layout (ADD)	
CT 101	MTH 98 or placement into MTH 65; placement	3	CT 100	MTH 98 or placement into MTH 65; placement	3
	into IRW 115 or WR 115			into IRW 115 or WR 115	
	Footings and Foundations	_		Residential Concrete (TITLE CHANGE)	_
CT 102	MTH 98 or placement into MTH 65; placement	3	CT 102	MTH 98 or placement into MTH 65; placement	3
	into IRW 115 or WR 115			into IRW 115 or WR 115	
	Building Materials and Methods	_		Building Materials and Methods	_
CT 103	MTH 98 or placement into MTH 65; placement	3	CT 103	MTH 98 or placement into MTH 65; placement	3
	into IRW 115 or WR 115			into IRW 115 or WR 115	
	Floor Framing			Floor Framing	
CT 104	MTH 98 or placement into MTH 65; placement	3	CT 104	MTH 98 or placement into MTH 65; placement	3
	into IRW 115 or WR 115			into IRW 115 or WR 115	
WR 115	Introduction to Expository Writing	4	WR 115	Introduction to Expository Writing	4
7711 113	placement into WR 115	,	***************************************	placement into WR 115	'
Winter Term (16	credits)		Winter Term (16	credits)	
	Walls and Ceiling Framing			Walls and Ceiling Framing	
CT 105	MTH 98 or placement into MTH 65; placement	3	CT 105	MTH 98 or placement into MTH 65; placement	3
	into IRW 115 or WR 115			into IRW 115 or WR 115	
	Roof Framing			Roof Framing	
CT 106	MTH 98 or placement into MTH 65; placement	3	CT 106	MTH 98 or placement into MTH 65; placement	3
	into IRW 115 or WR 115			into IRW 115 or WR 115	
	Electrical Wiring Basics			Electrical Basics (TITLE CHANGE)	
CT 110	MTH 98 or placement into MTH 65; placement	3	CT 110	MTH 98 or placement into MTH 65; placement	3
	into IRW 115 or WR 115			into IRW 115 or WR 115	
	Plumbing Basics			Plumbing Basics	
CT 111	MTH 98 or placement into MTH 65; placement	3	CT 111	MTH 98 or placement into MTH 65; placement	3
	into IRW 115 or WR 115			into IRW 115 or WR 115	
WR 121	English Composition	1	WR 121	English Composition	4
AAI/ TTT	IRW 115 or WR 115 or equivalent placement	4	AAIV TTT	IRW 115 or WR 115 or equivalent placement	4

Spring Term (13	Spring Term (13 credits)  Spring Term (13 credits)				
CT 112	Basic Stair Construction MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 112	Basic Stair Construction MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 113	Building Decks and Porches move to winter Yr-2 MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 115	Interior and Exterior Finishes moved from fall Y-2 MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 114	Windows and Interior Doors MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 114	Windows and Interior Doors MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
MTH 105	Math in Society MTH 65 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121	4	MTH 105	Math in Society MTH 65 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121	4
Fall Term (16 cre	edits)		Fall Term (16 cr	redits)	
CT 115	Interior and Exterior Finishes move to spring Y-1 WR 121, MTH 105 or equiv placement	3	CT 230	Roofing and Siding moved from winter Y-2 MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 221	Advanced Materials and Methods move to winter Y-2 WR 121, MTH 105 or equiv placement	3	CT 231	Sheetrock/Drywall Basics moved from winter Y-2 MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 222	Advanced Foundations: Concrete move to spring Y-2 WR 121, MTH 105 or equiv placement	3	CT 232	Flooring Basics moved from winter Y-2 MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 223	Fences, Handrails and Gates move to winter Y-2 WR 121, MTH 105 or equiv placement	3	CT 233	Green Building Materials and Methods (TITLE CHANGE) moved from winter Y-2 MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
	Gen Ed place into MTH 98 or MTH 65; pre/co WR 121	4		Gen Ed place into MTH 98 or MTH 65; pre/co WR 121	4
Winter Term (13 credits)			Winter Term (16 credits)		
CT 230	Roofing and Siding move to fall Y-2 WR 121, MTH 105 or equiv placement	3	CT 221	Advanced Materials and Methods moved from fall Y-2	3

	Credit Total			Credit Total	
	Credit Total	92		Credit Total	90
	Gen Ed place into MTH 98 or MTH 65; pre/co WR 121	4		Gen Ed place into MTH 98 or MTH 65; pre/co WR 121	4
CT 236	Project Leadership (REMOVE) WR 121, MTH 105 or equiv placement	3	CT 222	Commercial Concrete (TITLE CHANGE) moved from fall Y-2 MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 235	Community Projects/Practicum (REMOVE) WR 121, MTH 105 or equiv placement	2	CT 242	Estimating Labor and Materials (ADD) MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 234	Remodeling Projects/Practicum (REMOVE) WR 121, MTH 105 or equiv placement	2	CT 241	Hardware, Adhesives, Sealants and Flashings (ADD)  MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
Spring Term	(11 credits)		Spring Term	n (13 credits)	
	Gen Ed place into MTH 98 or MTH 65; pre/co WR 121	4		Gen Ed place into MTH 98 or MTH 65; pre/co WR 121	4
CT 233	Green Building move to fall Y-2 WR 121, MTH 105 or equiv placement	3	CT 113	Deck Building (TITLE CHANGE) moved from spring Y-1 MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 232	Flooring Basics move to fall Y-2 WR 121, MTH 105 or equiv placement	3	CT 243	Plans, Drawings and Prints (ADD) MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
CT 231	Sheetrock/Drywall Basics move to fall Y-2 WR 121, MTH 105 or equiv placement	3	CT 223	Fences, Handrails and Gates moved from fall Y-2 MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
				MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	

# **ELECTIVE LIST**

Include all electives. Identify elective changes by stating if the elective is to be added or deleted and bold the text. If you need more lines to accommodate the courses, right click and insert rows.

Current Electives		Proposed Electives			
Course Number	Course Title & Requisites	Credits	Course Number	Course Title & Requisites	Credits
	none				

## **SECTION #4 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Degree or Certificate Signature Form signed by the department chair and dean."

Submitter	Email	Date		
Glen Wood	gwood@cgcc.edu			
Department Chair (agternance of department shair). Use Detail				

Department Chair (enter name of department chair): Jim Pytel

Department Dean (enter name of department dean): Robert Wells-Clark

## Next steps:

- 1. Save the completed Degree Revision Request Form and submit as an e-mail attachment to <a href="mailto:curriculum@cgcc.edu">curriculum@cgcc.edu</a> or <a href="mailto:slewis@cgcc.edu">slewis@cgcc.edu</a>.
- 2. Refer to the curriculum office website for the Curriculum Committee meeting schedule and submission deadlines. You are encouraged to send submissions prior to the deadline so that the Curriculum Office may review and provide feedback.
- 3. Submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 4. It is required for a representative to attend the Curriculum Committee meeting in which your submission is scheduled for review. The representative will be asked to describe the proposal and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.

# Columbia Gorge Community College

CC date	2.9.23
CC decision	
CC vote	

	CERTIFICATE RE	VISION	
Submitted by: Glenn Wood	Email: gwood@cgcc.edu	Phone: 541-965-3428	Department: CTE – Construction

# (Double click on check boxes to activate dialog box)

	SECTION #1 OVERVIEW					
Current Title:	Construction Technology	Proposed Title:	Construction Technology - Building			
Current Credits:	36	Proposed Credits:	33			
Overview and rationale for proposed changes:	Program is being updated to meet industry standards. In addition, program certificates and degree are being redesigned to improve stackability as well provide multiple entry points for students. With new model, students will be able to enter a one-year certificate that represents around half of the technical courses in the AAS degree in any given year. The Construction Technology revision is limited to course title changes and the addition and deletion of courses.					
List of specific changes being proposed which may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes etc. Use consistent words – Add, Remove, Increase, Decrease, Change	<ol> <li>Course Title Changes: CT 102, CT 11</li> <li>ADD Course: CT 100</li> <li>REMOVE Courses: CT 101, CT 113</li> <li>Revise program requisites to reflect</li> <li>Reduce overall credits from 36 to 33</li> <li>change</li> </ol>	revised requisites for course	S.			
Is this a Related Certificate?	∑ Yes ☐ No	Is this a Career Pathway?	☐ Yes   No			
If yes, what is the base degree?	Construction Technology AAS					
Will the proposed changes affe	ect the base degree or certificate?		∑ Yes ☐ No			
If yes, how?	Changes will match revisions in AAS deg	gree.				

	☐ Yes       No	If yes, have the changes been approved by the consortium?	☐ Yes	No
☐ Yes ⊠ No	Explanation of issues and h	ow they are being resolved:	Has the revision beer validated by the Advisory Committee?	les les
☐ Yes ☐ No			Date of Advisory Committee meeting:	November 2, 2022
		Summer, 2023		
	SECTION	#2 REVISION AREAS		
Does the revision involve changing certificate requisites?				
ng when they t out of using	are representative of prerequ Next Gen Accuplacer result	uisites associated to specific courses wi in hidden degree/certificate requiremen	thin the program. Prerents and should be avoi	equisites that ded. (Courses that
C T'-1	· · ·	<u> </u>		C !!!
		1 , , , , , , , , , , , , , , , , , , ,		Credits
ductory Writi	ng F	Placement into WR 90 and RD 90		3
sformative Re	eading F	Placement into RD 90		3
nning Algebra	=	·	•	4
		_		
	(No ch	ange, leave blank.)		
C. Till	·			Carlina
Course Title	e or Placement level	Requisites (if any)		Credits
	e or Placement level		cement into MTH 98	Credits 4
	No  Yes  No  No  No  No  No  No  No  No  No  N	SECTION    Yes	SECTION #2 REVISION AREAS  SECTION #2 REVISION AREAS  Program entry prerequisites are only enforceable in limited entry programs. Programs entry prerequisites are only enforceable in limited entry programs. Program entry prerequisites are only enforceable in limited entry programs. Program entry prerequisites are only enforceable in limited entry programs. Program entry prerequisites associated to specific courses with out of using Next Gen Accuplacer result in hidden degree/certificate requirement Next Gen Accuplacer include: RD 90, RD 115, WR 90, WR 115, MTH 20, MTH 60, N  CURRENT PREREQUISITES  (Required whether or not prerequisites are being changed.)  Course Title or Placement level  Requisites (if any)  ductory Writing  Placement into WR 90 and RD 90  Placement into RD 90  MTH 20 or equivalent placement tests of the program of t	Section #2 Revision Areas    Yes

115 or WR 115	Introduction to Expository Writing	Placement into WR 115	l	
	5-10	TIFICATE OUTCOMES		
	•	committee regardless of whether or not outcomes have change		
	•	e roles as worker, family member, community citizen, global cit		.ong
		f direct and/or indirect assessment strategies. Three to six outco		
	each outcome with an active verb, completing	the sentence starter provided. (See Writing Learning Outcomes	on the cur	riculum
website.)				
Does the revision invo	olve changing certificate outcomes?		Yes Yes	⊠ No
	CURRENT	CERTIFICATE OUTCOMES		
	(Required whether o	r not outcomes are being changed.)		
Students who complete	e this certificate will be able to:			
1. Explain terms and	I nomenclature pertaining to the tools, materi	als and hardware associated with the construction field.		
2. Demonstrate the	safe and proper use and care of basic construc	tion tools.		
3. Perform fundame	ntal construction techniques properly, includir	ng foundations, carpentry, basic plumbing and electrical.		
4. Apply safe work h	abits at all times.			
	PROPOSED	CERTIFICATE OUTCOMES		
Students who complete	e this certificate will be able to:			
No change				
	REL	ATED INSTRUCTION		
Does the revision invo	olve changing or adding Related Instruction?		Yes	⊠ No
	If yes, complete the Related Instruction T	emplate which may be found on the <u>curriculum website</u> .		
	Additiona	al Comments Or Changes		

## SECTION #3 COURSE BY COURSE COMPARISON

List all courses (current AND proposed) in the term by term order that is to be displayed in the <u>catalog</u> certificate map. List course requisites under Course Title. Include elective list below.

If you are adding a course, place it in the preferred term, identify such a course with (add) and bold the text in the line.

If you want to rearrange the order of courses within the term-by-term sequence, do so on this form.

If you are removing a course, identify the course with (remove) and bold the text.

If the course title is changed, identify the course with (title change) and bold the text.

If the course credits have changed, identify the course with (increase or decrease credit) and bold the text.

If you need more lines to accommodate the courses, right click and insert rows.

The information you provide on this form will be reflected in the CGCC catalog pages. Please ensure it is correct.

	Current Certificate Information			Proposed Certificate Information		
Course Number	Course Title / Requisites	Credits	Course Number	Course Title / Requisites	Credits	
FALL TERM (12	credits)		FALL TERM (12 d	credits)		
CT 101	Tools and Safety <b>(REMOVE)</b> MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 100	Building Layout (ADD) MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
CT 102	Footings and Foundations MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 102	Residential Concrete (TITLE CHANGE) MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
CT 103	Building Materials and Methods MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 103	Building Materials and Methods MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
CT 104	Floor Framing MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 104	Floor Framing MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
WINTER TERM (	12 credits)		WINTER TERM (1	,		
CT 105	Walls and Ceiling Framing MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 105	Walls and Ceiling Framing MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
CT 106	Roof Framing MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 106	Roof Framing MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
CT 110	Electrical Writing Basics MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 110	Electrical Basics (TITLE CHANGE) MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
CT 111	Plumbing Basics MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 111	Plumbing Basics MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
SPRING TERM (1	2 credits)		SPRING TERM (9	credits)		
CT 112	Basic Stair Construction	3	CT 112	Basic Stair Construction	3	

	ELECTIVE LIST					
	Credit total	36		Credit total	33	
CT 115	Interior and Exterior Finishes MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 115	Interior and Exterior Finishes MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
CT 114	Windows and Interior Doors MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	CT 114	Windows and Interior Doors MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3	
CT 113	placement into IRW 115 or WR 115 <b>Building Decks and Porches (REMOVE)</b> MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3		placement into IRW 115 or WR 115		
	MTH 98 or placement into MTH 65;			MTH 98 or placement into MTH 65;		

#### **ELECTIVE LIST**

Include all electives. Identify elective changes by stating if the elective is to be added or deleted and bold the text.

If you need more lines to accommodate the courses, right click and insert rows.

Current Electives			Proposed Electives		
Course Number	Course Title / Requisites	Credits	cs Course Number Course Title / Requisites Cred		
	none				

#### **SECTION #4 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Degree or Certificate Signature Form signed by the department chair and dean."

Submitter	Email	Date
Glenn Wood	gwood@cgcc.edu	

Department Chair (enter name of department chair): Jim Pytel

Department Dean (enter name of department dean): Robert Wells-Clark

### Next steps:

- 1. Save the completed Certificate Revision Request Form and submit as an e-mail attachment to <a href="mailto:curriculum@cgcc.edu">curriculum@cgcc.edu</a> or <a href="mailto:slewis@cgcc.edu">slewis@cgcc.edu</a>.
- 2. If needed, attach the completed Related Instruction Template to the same e-mail.

# Columbia Gorge Community College

CC date	2.9.23
CC decision	
CC vote	

	NEW CERTIFICATE	REQUEST	
Submitted by: Glen Wood	Email: <u>gwood@cgcc.edu</u>	Phone: 541-965-3428	Department: Technology & Trades - Construction

# (Double click on check boxes to activate dialog box)

			SECTION #1 OVERVIEW						
Proposed Title:		Construction	n Technology — Finishing	Proposed Cred	lits:	33			
Reason for new certificate:	well as pi be able to	rovide multiple entry point o enter a one-year certifica S degree in any given year.	being redesigned to improve stackability as s for students. With new model, students will te that represents half of the technical courses . This certificate represents the second half of	Requested implementation term:	on	Summer, 2023			
Is there impact on other areas of instruction?	☐ Yes	Explanation of issues and	Explanation of issues and how they are being resolved:			Explanation of issues and how they are being resolved:  Has the certificate been validated by the Advisory Committee and the certificate been validated by the Advisory Committee and the certificate been validated by the Advisory Committee and the certificate been validated by the Advisory Committee and the certificate been validated by the Advisory Committee and the certificate been validated by the Advisory Committee and the certificate been validated by the Advisory Committee and the certificate been validated by the Advisory Committee and the certificate been validated by the Advisory Committee and the certificate been validated by the Advisory Committee and the certificate been validated by the certificate and the certificate been validated by the certificate and the cert		d by the	⊠ Yes
If yes, have you talked with impacted departments and resolved any and all possible issues?	☐ Yes			Date of Adv Committee m	,	November 2, 2022			
Is this a Statewide Certif	icate?	☐ Yes ⊠ No	If so, has the certificate been approved by the c	onsortium?	Yes	☐ No			
Is this a Related Certifica	ite?	⊠ Yes □ No	Is this a Career Pathway?		Yes	⊠ No			
If this is a Related Certificareer Pathway, what is degree?		Construction Technology	AAS						

## **SECTION #2 PREREQUISITES AND OUTCOMES**

Note that degree/certificate/program entry prerequisites are only enforceable in limited entry programs. Program prerequisites for open entry programs only have meaning when they are representative of prerequisites associated to specific courses within the program. Prerequisites that students are not able to test out of using Next Gen Accuplacer result in hidden degree/certificate requirements and should be avoided. (Courses that may be tested out of using Next Gen Accuplacer include: RD 90, RD 115, WR 90, WR 115, MTH 20, MTH 65, MTH 95, MTH 98, MTH 105, MTH 111, MTH 112.)

## PROPOSED PRE and/or COREQUISITES

Course Number	Course Title or Placement level	Requisites	Credits
MTH 98 or place into MTH 65	Quantitative Math or equivalent placement	placement into IRW 115 or WR 115; placement into MTH 98	4
Placement into IRW 115 or WR 115	Integrated Reading & Writing or Introduction to Expository Writing	ABE 75 or ABE 70 or GED 70 or equivalent placement Placement into WR 115	0

**Is this a limited entry program?** Students must apply, via the department for program entry.

# PROPOSED OUTCOMES

Describe what the student will be able to do "out there" (in their life roles as worker, family member, community citizen, global citizen or lifelong learners). Outcomes must be measurable through the application of direct and/or indirect assessment strategies. Three to six outcomes are recommended. Start each outcome with an active verb, completing the sentence starter provided. (See <a href="Writing Learning Outcomes">Writing Learning Outcomes</a> on the curriculum website.)

Students who successfully complete this certificate will be able to:

- 1. Explain terms and nomenclature pertaining to the tools, materials and hardware associated with the construction field.
- 2. Demonstrate the safe and proper use and care of basic construction tools.
- 3. Apply safe work habits at all times.
- 4. Perform fundamental construction techniques properly, including flooring, concrete, drywall, roofing, and exterior finishing details.
- 5. Communicate effectively with coworkers, industry partners, and clients.
- 6. Use advanced green building techniques and materials.

Yes No

## **SECTION #3 PROPOSED COURSEWORK**

List all courses (course number, title, requisites and credits) in the term by term order that is to be displayed in the <u>catalog</u> certificate map. Enter electives below if applicable. The information you provide on this form will be reflected in the CGCC catalog pages. Please ensure it is correct. (If you need more lines to accommodate the courses, right click and insert rows.)

Course Title	Requisites	Credits
Roofing and Siding	WR 121, MTH 105 or equiv placement	3
Sheetrock/Drywall Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
Flooring Basics	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
Green Building Materials and Methods	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
dits)		
Deck Building (TITLE CHANGE)	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
Advanced Materials and Methods	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
Fences, Handrails and Gates	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
Plans, Drawings and Prints	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
ts)		
Commercial Concrete	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
Hardware, Adhesives, Sealants and Flashings	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
Estimating Labor and Materials	MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115	3
	Credit total	33
ELECTIVES (	if applicable)	
Course Title	Requisites	Credits
none		
	Roofing and Siding Sheetrock/Drywall Basics Flooring Basics Green Building Materials and Methods dits) Deck Building (TITLE CHANGE)  Advanced Materials and Methods Fences, Handrails and Gates Plans, Drawings and Prints ts) Commercial Concrete  Hardware, Adhesives, Sealants and Flashings Estimating Labor and Materials  ELECTIVES ( Course Title	Roofing and Siding  WR 121, MTH 105 or equiv placement  Sheetrock/Drywall Basics  MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  Flooring Basics  MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  Green Building Materials and Methods  MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  Deck Building (TITLE CHANGE)  MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  Advanced Materials and Methods  MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  Fences, Handrails and Gates  MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  Plans, Drawings and Prints  MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  WTH 98 or placement into MTH 65; placement into IRW 115 or WR 115  Credit total  ELECTIVES (if applicable)

#### **SECTION #4 RELATED INSTRUCTION**

Certificates 45 credits or more require related instruction. Fill out a Template for Related Instruction located on the Curriculum web page.

All courses identified as fulfilling the embedded related instruction requirement must have been reviewed and recommended by the Curriculum Committee and the details outlined on the CCOG.

### **SECTION #5 DEPARTMENT REVIEW**

"I vouch that this submission has been reviewed by the affiliated department chair and department dean and that they have given initial authorization for this submission. I am requesting that it be placed on the next Curriculum Committee agenda with available time slots. I understand that I am required to complete and submit, prior to the day my submission is reviewed by the Curriculum Committee, a Degree or Certificate Signature Form signed by the department chair and dean."

Submitter	Email	Date
Glenn Wood	gwood@cgcc.edu	2.9.23

Department Chair (enter name of department chair): Jim Pytel

Department Dean (enter name of department dean): Robert Wells-Clark

## Next steps:

- 1. Save the completed Certificate Request Form and submit as an e-mail attachment to <a href="mailto:curriculum@cgcc.edu">curriculum@cgcc.edu</a> or <a href="mailto:slewis@cgcc.edu">slewis@cgcc.edu</a>.
- 2. If needed, attach the completed Related Instruction Template to the same e-mail.
- 3. Refer to the Curriculum Office website for the Curriculum Committee <u>meeting schedule and submission deadlines</u>. You are encouraged to send submissions prior to the deadline so that the Curriculum Office may review and provide feedback.
- 4. Submissions will be placed on the next agenda with available time slots. You will be notified of your submission's time for review, and you will be sent a signature page that may be completed electronically or manually by your department chair and department dean. It is the submitter's responsibility to ensure that completed signature pages are delivered to the Curriculum Office the day before the Curriculum Committee meeting for which the submission is scheduled. Submissions without signed signature pages will be postponed.
- 5. It is required for a representative to attend the Curriculum Committee meeting in which your submission is scheduled for review. The representative will be asked to describe the proposal and respond to any committee questions. Unanswered questions may result in a submission being rescheduled for further clarification.