

[CGCC] Curricular Changes - Effective for Academic Year [2023-24]

This list submitted to OrACRAO on: [\[May 31, 2023\]](#)

Curricular Change Cycle: [\[Annual\]](#)

Annual submission date: [\[August 31\]](#)

Name & contact info of person updating this template: [\[Susan Lewis, slewis@cgcc.edu, 541.506.6047\]](#)

Effective Term	New (N) Modified (M) Deleted (D)	Prefix	Course#	Course Title	Credits	Course Description	Type of Change (for modified classes only)	Comments
Spring, 2023	M	IRW	115L	Foundations of Critical Reading and Writing	1	Focuses on the foundational skills, concepts, and communication needed to be successful in Critical Reading and Writing. Provides appropriate support in writing, reading, and study skills in an interactive setting. Co-requisite: IRW 115 or WR 115.	Revised requisites (formerly: Co-requisite: IRW 115); revised description.	
Summer, 2023	N	APR	100	Introduction to Emergency Medical Services	2	Introduces and integrates knowledge of prehospital Emergency Medical Services (EMS) systems. Explores the history of emergency medical services. Introduces rolls and responsibilities of the provider levels as well as communication systems and documentation. Prerequisites: IRW 115 or WR 115 or equivalent placement. Audit available.		X-listed with EMS 100
Summer, 2023	N	APR	105	EMT Part I	6	Introduces the role of the Emergency Medical Technician (EMT) at the novice level. Develops the necessary understanding of human anatomy and physiology, as well as knowledge of relevant medical terminology. Provides training in the identification and use of EMT equipment, the assessment of patient status and development of a patient plan, the use of appropriate interventions, and professional and interpersonal communication in the prehospital setting. Explores the use of evidence-based practices in the EMT field, and provides an introduction to the legal and ethical issues that may be encountered by the novice EMT. This is Part 1 of the 2-part Oregon EMT series. Course sequence requires a mandatory orientation, and passing a criminal background check and drug screen. Prerequisites: IRW 115 or WR 115 or equivalent placement; placement into MTH 65; current HCP CPR card. Audit available.		X-listed with EMS 105
Summer, 2023	N	APR	106	EMT Part II	6	Continues EMS 105. Develops the basic knowledge and skills necessary to treat victims of trauma, patients that present with special challenges, and sick and injured pediatrics. Expands knowledge and understanding of specific incidents that the Emergency Medical Technician may encounter in the field such as mass-casualty incidents, hazardous materials, motor vehicle collisions, and acts of terrorism. Includes preparation for state and national licensing exams. Requires meeting Oregon Health Authority Standards for health profession student clinical training, including immunizations, TB screening and the ability to pass a criminal background check and drug screen before placement into mandatory clinical observations in hospital emergency department and ambulance ride-along experience. Prerequisites: completion of EMS 105 with a "C" or better at CGCC within the previous 5 terms; current HCP CPR card.		X-listed with EMS 106
Summer, 2023	N	CG	160	Credit for Prior Learning Portfolio Development	1	Focuses on the principles and methodology of assessing college-learning gained through professional experience, training or independent study. Addresses how to identify, articulate, and document personal learning outcomes and relate them to specific college course topics and learning outcomes. Develops skills in organizing information, writing, analyzing and critical thinking. Requires the creation of a credit for prior learning portfolio as the final course product.		

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Summer, 2023	M	COMM	111Z	Public Speaking	4	Emphasizes developing communication skills by examining and demonstrating how self-awareness, audience, content, and occasion influence the creation and delivery of speeches and presentations. Prerequisites: WR 121 or WR 121Z; placement into MTH 65 or MTH 98. Audit available.	New # (formerly: COMM 111); Revised requisites (formerly: Prerequisites: placement into MTH 65 or MTH 98. Prerequisite: WR 121); revised description.	
Summer, 2023	M	COMM	218Z	Interpersonal Communication	4	Increases the knowledge and use of competent communication skills to better understand oneself, others, and the role of communication in interpersonal relationships. Prerequisites: placement into MTH 65 or MTH 98. Prerequisite/concurrent: WR 121 or WR 121Z. Audit available.	New # (formerly: COMM 214); New Title (formerly: Interpersonal Communication: Process & Theory); Revised requisites (formerly: Prerequisites: placement into MTH 65 or MTH 98. Prerequisite/concurrent: WR 121); revised description.	
Summer, 2023	N	CT	100	Building Layout	3	Focuses 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.		
Summer, 2023	D	CT	101	Tools and Safety	3	Explores hand tools and power tools used in the construction trades. Identifies common tools and how to select the correct tool for the task. Introduces ladders and scaffolding and their safe use. Covers common fall hazards – how to recognize and control them to protect yourself. Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.		
Summer, 2023	M	CT	102	Residential Concrete	3	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.	New Title (formerly: Footings and Foundations)	
Summer, 2023	M	CT	110	Electrical Basics	3	Provides basic knowledge of electrical wiring and AC and DC circuits. Introduces electrical codes, ordinances, print reading and electricity fundamentals. Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.	New Title (formerly: Electrical Wiring Basics)	
Summer, 2023	M	CT	113	Deck Building	3	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.	New Title (formerly: Building Decks and Porches)	
Summer, 2023	M	CT	221	Advanced Materials and Methods	3	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 IRW 115 or WR 115. Audit Available.	Revised requisites (formerly: Prerequisites: WR 121; MTH 105 or equivalent placement test scores.); revised description	

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Summer, 2023	M	CT	222	Commercial Concrete	3	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: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.	New Title (formerly:Advanced Foundations: Concrete); Revised requisites (formerly: Prerequisites: WR 121; MTH 105 or equivalent placement test scores.); revised description	
Summer, 2023	M	CT	223	Fences, Handrails and Gates	3	Explores the design and layout of a fence, handrail and/or gate project. Includes selection of materials, proper brace and attachment techniques, and appropriate weather treatment. Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.	Revised requisites (formerly: Prerequisites: WR 121; MTH 105 or equivalent placement test scores.); revised description	
Summer, 2023	M	CT	230	Roofing and Siding	3	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.	Revised requisites (formerly: Prerequisites: WR 121; MTH 105 or equivalent placement test scores.); revised description	
Summer, 2023	M	CT	231	Sheetrock/Drywall Basics	3	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: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.	Revised requisites (formerly: Prerequisites: WR 121; MTH 105 or equivalent placement test scores.); revised description	
Summer, 2023	M	CT	232	Flooring Basics	3	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.	Revised requisites (formerly: Prerequisites: WR 121; MTH 105 or equivalent placement test scores.); revised description	
Summer, 2023	M	CT	233	Green Building Materials and Methods	3	Introduces the types and applications of green building materials. Investigates energy efficiency options, including improving indoor air quality. Prerequisites: MTH 98 or placement into MTH 65; placement into IRW 115 or WR 115. Audit Available.	New Title (formerly: Green Building); Revised requisites (formerly: Prerequisites: WR 121; MTH 105 or equivalent placement test scores.); revised description	
Summer, 2023	N	CT	241	Hardware, Adhesives, Sealants & Flashings	3	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.		
Summer, 2023	N	CT	242	Estimating Materials & Labor	3	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.		
Summer, 2023	N	CT	243	Prints, Drawings and Plans	3	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.		

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Summer, 2023	N	ES	201	Introduction to Native American Studies	4	Engages in interdisciplinary historical, and contemporary perspectives on the social, political, legal, economic, environmental, and cultural issues of Indigenous Peoples of the United States. Examines U.S. Federal Indian law and policy, Native citizenship and enrollment, methods of tribal governance and Native American arts and cultural expressions. Prerequisites: placement into MTH 65 or MTH 98. Prerequisite/concurrent: WR 121 or WR 121Z. Audit available.		
Summer, 2023	N	ES	203	Introduction to Chicane/Latine Studies: Making Culture	4	Introduction to Chicane/Latine Studies: Making Culture, 4 Cr. Introduces cultural heritage of Chicane/Latine people in the United States. Draws on multiple disciplines such as anthropology, folklore, literature and linguistics, and examines the combination and integration of various traditions. Prerequisites: placement into MTH 65 or MTH 98. Prerequisite/concurrent: WR 121 or WR 121Z.		
Summer, 2023	N	HST	260	Conspiracy Theories, Secret Societies and Historical Controversies	4	Introduces the world of secret societies and conspiracy theories from prehistoric times through modern iterations. Examines the differences between critical thinking, conspiracy thinking, and the nature of historical "truth". Prerequisites: placement into MTH 65 or MTH 98. Prerequisite/concurrent: WR 121. Audit available.		
Summer, 2023	N	MA	110	Medical Office Communications and Professionalism	3	Identifies the basic components of the communication model as well as various types of communication. Presents techniques for effective communication with coworkers, patients, families, and caregivers. Includes an overview of the psychosocial development of a person, from birth to death. Introduces principles of the Patient-Centered Medical Home model to encourage a therapeutic and helping relationship with the patient. Discusses appropriate patient interaction, proper office behavior, diversity and cultural bias, and emotional strength.		
Summer, 2023	D	MA	112	Medical Office Assistant 1	1	Explores personal ethics and understanding of self-awareness, communications skills, and work ethics in both personal and professional environments; emphasis is on attitude, time management, and goal setting.		
Summer, 2023	N	MA	114	Electronic Health Records	2	Discusses basic concepts of use and maintenance of an Electronic Health Records (EHR) system. Provides hands-on experience performing the EHR tasks required of a medical office professional. Explores issues around EHR implementation, troubleshooting, HIPAA compliance, and claims submissions. Familiarizes students with administrative, clinical, and billing/coding skills.		
Summer, 2023	N	MA	115	Digital Health & Patient Care	2	Addresses the efficacy, benefits, and need for digital health platforms. Covers the use of information and communication technologies (ICTs) to solve health problems. Examines the use of telemedicine for patient empowerment and telecare in remote locations and underserved areas. Explains the current technologies and tools and how to put them to effective use in daily healthcare. Provides legal provisions for telehealth implementation, discussing the risks of remote healthcare provision and cross-border care.		

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Summer, 2023	M	MA	117	Medical Office Administrative Procedures	5	Introduces medical office administrative procedures with emphasis on patient reception, appointment scheduling, telephone techniques, mail handling, financial records, accounts receivable and payable, insurance, office management, and medical records management.	Revised credits (formerly: 3 credits); revised requisites (formerly: Prerequisites: IRW 115 or WR 115 or equivalent placement; placement into MTH 65 or MTH 98. Corequisite: MA 118); revised description.	
Summer, 2023	D	MA	118	Medical Office Administrative Procedures Lab	2	Computer simulation of the medical office administrative procedures covered in MA 117 with emphasis on patient registration, appointment scheduling, medical insurance, posting of charges and payments to a patient's account, billing and collections, hospital rounds and release of records authorizations. Corequisite: MA 117.		
Summer, 2023	D	MA	122	Medical Office Assistant 2	2	Examines communication and professionalism in the role of the medical assistant with emphasis on verbal and non-verbal communication, patient education and communicating wellness.		
Summer, 2023	D	MA	123	Medical Office Clinical Procedures	3	Covers examination room techniques, assisting the physician with examination, treatment, minor surgery, methods of asepsis and sterilization, and the proper care of equipment and supplies. Prerequisites: MP 111; BI 122 or BI 233. Corequisite: MA 124.		
Summer, 2023	D	MA	124	Medical Office Clinical Procedures Lab	2	Practice and demonstrate proficiency in the procedures listed under MA123. Examination room techniques, assisting the physician with examination, treatment and minor surgery. Covers methods of asepsis and sterilization and the proper care of equipment and supplies. Corequisite: MA 123.		
Summer, 2023	N	MA	125	Medical Office Clinical Procedures	6	Provides practice and the opportunity to demonstrate proficiency in clinical competencies as required by the accrediting agency in a medical setting. Reviews examination room techniques: assisting the physician with examinations, treatment and minor surgery. Covers methods of asepsis and sterilization and the proper care of equipment and supplies.		
Summer, 2023	N	MA	126	Medical Office Diagnostic Procedures	5	Introduces clinical laboratory principles and procedures commonly performed in the physician's office setting, including urinalysis, basic hematology, chemistry, hematology, microbiology, immunology, and quality control. Trains in basic venipuncture and skin puncture techniques as well as proper specimen-handling procedures as dictated by the Clinical Laboratory Standards Institute (CLSI). Covers the preparation and training to function as an internal member in the ambulatory clinical lab care setting.		
Summer, 2023	N	MA	130	Body Systems, Diseases, and Drug Treatments	4	Surveys the foundations of anatomy and physiology of the human body. Provides a basic overview of body systems including circulatory, digestive, endocrine, integumentary, lymphatic, muscular, nervous, sensory, reproductive, respiratory, skeletal, and urinary. Identifies the general mechanisms of disease including etiology, symptoms, and common treatments. Expands on common medication treatments with an emphasis on administration, pronunciation, classifications, dosages, effects, and appropriate abbreviations used in calculating medication dosages.		

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Summer, 2023	D	MA	131	Pathophysiology for the Medical Assistant	5	Explores concepts of disease processes as they relate to the normal physiology of the major body systems including: etiology, signs and symptoms of disease, treatment options and methods of evaluating cause and effect of diseases as it relates to the role of the medical assistant. Prerequisites: MP 111; BI 122 or BI 233.		
Summer, 2023	D	MA	132	Medical Office Assistant 3	3	Presents an introduction to community resources, an overview of the process and requirements of the directed practice, and a review for the national credential examination. Corequisite: MA 270.		
Summer, 2023	D	MA	136	Medications	2	Introduces drug therapy with emphasis on safety and classifications of common drugs and their actions, appropriate drug uses, therapeutic effects, adverse effects and contraindications. Correlates nutritional deficits with common diseases. Reviews common prescription abbreviations, forms of medications and drug regulations. Prerequisites: MP 111; MTH 65 or MTH 98 or equivalent placement.		
Summer, 2023	N	MA	170	Admin Practicum	1	Provides hands-on practice in administrative skills in a medical clinic/physician office setting. Department permission required.		
Summer, 2023	D	MA	180	Coding and Reimbursement	2	Introduces CPT, ICD and HCPCS coding and reimbursement systems for physician offices and medical clinics. Prerequisite/concurrent: MP 111.		
Summer, 2023	M	MA	270	Clinical Practicum	4	Provides hands-on practice in administrative and clinical skills in a medical clinic/physician office setting. Prerequisites: HE 113; Department permission required.	Revised credits (formerly: 6 credits); revised description.	
Summer, 2023	D	MLT	100	Medical Office Laboratory Procedures	4	Introduces clinical laboratory principles and procedures commonly performed in the physician's office setting, including phlebotomy, specimen collection and handling, urinalysis, basic hematology, chemistry, serology, microbiology and quality control. Prerequisites: MP 111; BI 122 or BI 233.		
Summer, 2023	M	MP	140	Introduction to Health Law and Ethics	3	Introduces the legal aspects, code of ethics and policy issues relevant to health care. Emphasizes confidential communications, advanced directives, consents, professional liability, medical malpractice, release of information, case studies and the professional code of ethics for medical assistants. Includes concepts of professional credentialing and responsibility, liability and working within legal/ethical boundaries.	Revised requisites (formerly: Prerequisites: IRW 115 or WR 115 or equivalent placement; placement into MTH 65 or MTH 98); revised description.	
Summer, 2023	D	MP	150	Introduction to Electronic Health Records	3	Introduces basic concepts of use and maintenance of an Electronic Health Records (EHR) system. Provides exposure to basic navigation of an EHR. Explores issues around privacy, security, government regulations and ethical legal aspects of the health information technology environment. Recommended: CAS 133. Prerequisite: MP 111.		
Summer, 2023	M	MTH	65	Beginning Algebra	4	Covers the use of applications, formulas, and reasoning skills to write, manipulate, interpret, and solve equations involving polynomials, radicals, and rational expressions. Introduces concepts numerically, graphically, and symbolically. Develops skills to communicate results in oral and written form. Prerequisites: placement into MTH 65. Audit available.	New title (formerly: Beginning Algebra II)	
Summer, 2023	M	MTH	105L	Foundations of Math in Society	1	Focuses on the foundational skills, concepts, and communication needed to be successful in MTH 105Z Math in Society. Provides appropriate support in arithmetic skills, algebra skills, technology, and study skills in an interactive setting. Corequisite: MTH 105Z.	Revised requisites (formerly: Corequisite: MTH 105); revised description.	

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Summer, 2023	M	MTH	105Z	Math in Society	4	Explores present-day applications of mathematics focused on developing numeracy. Includes quantitative reasoning and problem-solving strategies, probability and statistics, and financial mathematics; these topics are to be weighted approximately equally. Emphasizes mathematical literacy and communication, relevant everyday applications, and the appropriate use of current technology. Prerequisites: MTH 65 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121 or WR121Z. Audit available.	New # (formerly: MTH 105); revised requisites (formerly: Prerequisites: MTH 65 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121); revised description.	
Summer, 2023	M	MTH	111L	Foundations of Precalculus I: Functions	1	Focuses on the foundational skills, concepts, and communication needed to be successful in MTH 111Z Precalculus I: Functions. Provides appropriate support in algebra, functions, problem solving, graphing, technology, and study skills in an interactive setting. Co-requisite: MTH 111Z.	Title change (formerly: Foundations of College Algebra); Revised requisites (formerly: Corequisite: MTH 111); revised description.	
Summer, 2023	M	MTH	111Z	Precalculus I: Functions	4	Prepares students for trigonometry or calculus, focusing on functions and their properties, including polynomial, rational, exponential, logarithmic, piecewise-defined, and inverse functions. Explores topics symbolically, numerically, and graphically in real-life applications and interpreted in context. Emphasizes skill building, problem-solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology. Prerequisite: MTH 95 or equivalent placement. Prerequisite/concurrent: WR 121 or WR 121Z. Audit available.	New # (formerly: MTH 111); new title (formerly: College Algebra); revised requisites (formerly: Prerequisite: MTH 95 or equivalent placement. Prerequisite/concurrent: WR 121); revised description.	
Summer, 2023	M	MTH	112Z	Precalculus II: Trigonometry	4	Prepares students for calculus and related disciplines, exploring trigonometric functions and their applications as well as the language and measurement of angles, triangles, circles, and vectors. Explores topics symbolically, numerically, and graphically in real-life applications and interpreted in context. Emphasizes skill building, problem solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology. Prerequisite: MTH 111 or MTH 111Z or equivalent placement. Prerequisite/concurrent: WR 121 or WR 121Z. Audit available.	New # (formerly: MTH 112); new title (formerly: Elementary Functions); revised credits (formerly: 5 credits); revised requisites (formerly: Prerequisite: MTH 111 or equivalent placement. Prerequisite/concurrent: WR 121); revised description.	
Summer, 2023	M	NUR	90	Nursing Assistant 1	7	Identifies the knowledge and skills needed by a nursing assistant to provide safe and effective care to patients in a variety of health care settings. Follows curriculum approved by the Oregon State Board of Nursing in preparation for taking the Oregon certification exam for the nursing assistant. Prerequisites: placement into IRW 115 or WR 115; proof of Measles immunization; Prerequisite/Concurrent: current TB test and passing of a criminal background check.	Credit change (formerly 9 credits), revised description.	
Summer, 2023	M	STAT	244	Statistics II	5	Investigates confidence interval estimation; tests of significance including z-tests, t-tests, ANOVA, and chi-square; and inference for linear regression. Applications are investigated from science, business, and social science perspectives. Graphing calculator with advanced statistical programs required and/or computer software. Prerequisite: MTH 243 or STAT 243Z. Audit available.	Revised prefix (formerly MTH), revised description.	
Summer, 2023	M	STAT	243L	Foundations of Statistics I	1	Focuses on the foundational skills, concepts, and communication needed to be successful in STAT 243Z Statistics I. Provides appropriate support in arithmetic skills, algebra skills, technology, and study skills in an interactive setting. Corequisite: STAT 243Z.	Title change (formerly: Foundations of Statistics); Number/prefix change (formerly: MTH 243L); Revised requisites (formerly: Corequisite: MTH 243); revised description.	

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Summer, 2023	M	STAT	243Z	Elementary Statistics I	4	Focuses on the interpretation and communication of statistical concepts. Introduces exploratory data analysis, descriptive statistics, sampling methods and distributions, point and interval estimates, hypothesis tests for means and proportions, and elements of probability and correlation. Technology will be used when appropriate. Prerequisites: MTH 65 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121 or WR 121Z. Audit available.	New Prefix (formerly: MTH); new # (formerly: MTH 243); new title (formerly: Statistics I); revised requisites (formerly: Prerequisites: MTH 95 or MTH 98 or equivalent placement. Prerequisite/concurrent: WR 121); revised description.	
Summer, 2023	D	UAS	100	UAS Flight Training	3	Introduces beginning and intermediate flight training for Unmanned Aircraft Systems (UAS). Provides FAR 107 training, preparing the student to take the FAA Remote Pilot License Exam. Covers beginning and intermediate flight training to site for the AUVSI TOP Level 1 and TOP Level 2 certifications exams. Prerequisites: placement into IRW 115 or WR 115, MTH 65 or MTH 98. Audit available.		
Summer, 2023	M	UAS	101	Introduction to Uncrewed Aircraft Systems	5	Introduces the fundamentals of Uncrewed Aircraft Systems (UAS), including their history and developing role in modern aviation history. Includes UAS applications, UAS systems, human factors, UAS design, power systems, communications systems, FAA regulations, public policies and the future potential of the UAS. Covers FAA exam requirements. Prerequisites: placement into IRW 115 or WR 115, MTH 65 or MTH 98. Audit available.	New title (formerly: Introduction to Unmanned Aircraft Systems) Revised requisites (formerly: Prerequisites: placement into IRW 115 or WR 115, MTH 65 or MTH 98.); revised description.	
Summer, 2023	M	UAS	102	sUAS Aerial Photogrammetry	4	Introduces the fundamentals of photogrammetry with sUAS (drones), including concepts, real-world examples, navigation, best practices, data acquisition, mission assessment, data processing and map delivery. Recommended: COMM 111. Prerequisites: UAS 101. Audit available.	New title (formerly: Small Unmanned Aircraft Systems: Aerial Photogrammetry)	
Summer, 2023	D	UAS	103	Small Unmanned Aircraft Systems for Public Safety	4	Introduces the fundamentals in the use of sUAS to support public safety operations. Includes: search and rescue, law enforcement and fire operations. Integrates lectures, discussions and practical assignments facilitated by topical industry experts. Prepares individuals to handle infrared sUAV camera's and understand the practical application within each topic. Recommended: COMM 111. Prerequisite: UAS 101. Audit available.		
Summer, 2023	N	UAS	200	sUAS Professional Remote Pilot I	5	Extends knowledge and skills learned in UAS 101, preparing students for professional applications of UAS by providing an understanding of UAS Systems, including: command and control, communication, payload, launch and recovery, and basic maintenance considerations. Covers human factors, crew resource management, aviation decision making cybersecurity, risk management and ethics. Provides an in-depth study of Notices to Airmen (NOTAMS), mission and flight planning and low altitude authorization and notification (LAANC). Introduces basic National Institute of Standards and Training (NIST) flight training utilizing simulator technology. Integrates stress management strategies/techniques as part of in the simulator training as well as throughout. Includes a one-week, on-site NIST training and flight exam. Prerequisite: FAA Remote Pilot License.		

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Effective Term	New (N) Modified (M) Deleted (D)	Prefix	Course#	Course Title	Credits	Course Description	Type of Change (for modified classes only)	Comments
Summer, 2023	M	WR	121L	Foundations of College Composition I	1	Focuses on the foundational skills, concepts, and communication needed to be successful in Composition I. Provides appropriate support in writing, critical reading, and study skills in an interactive setting. Co-requisite: WR 121Z.	Title change (formerly: Foundations of College Composition); Revised requisites (formerly: Corequisite: WR 121); revised description.	
Summer, 2023	M	WR	121Z	Composition I	4	Engages students in the study and practice of critical thinking, reading, and writing. Focuses on analyzing and composing across varied rhetorical situations and in multiple genres. Provides the opportunity to apply key rhetorical concepts flexibly and collaboratively throughout the writing and inquiry processes. Prerequisite: IRW 115 or WR 115 or equivalent placement. Audit available.	New # (formerly: WR 121); new title (formerly: College Composition); revised description.	
Summer, 2023	M	WR	122Z	Composition II	4	Builds on concepts and processes emphasized in WR 121Z, engaging with inquiry, research, and argumentation in support of students' development as writers. Focuses on composing and revising in research-based genres through the intentional use of rhetorical strategies. Students will find, evaluate, and interpret complex material, including lived experience; use this to frame and pursue their own research questions; and integrate material purposefully into their own compositions. Prerequisite: WR 121 or WR 121Z. Audit available.	New # (formerly: WR 122); new title (formerly: Argumentative Writing); revised requisites (formerly: Prerequisite: WR 121); revised description.	
Summer, 2023	M	WR	227Z	Technical Writing	4	Introduces techniques for producing instructive, informative, and persuasive technical/professional documents aimed at well-defined and achievable outcomes. Focuses on presenting information using rhetorically appropriate style, design, vocabulary, structure, and visuals. Students can expect to gather, read, and analyze information and to learn a variety of strategies for producing accessible, usable, reader-centered deliverable documents that are clear, concise, and ethical. Prerequisites: WR 121 or WR 121Z. Audit available.	New # (formerly: WR 227); new title (formerly: Technical and Professional Writing); revised requisites (formerly: Prerequisites: WR 121); revised description.	