

# Columbia Gorge Community College

## General Education/Discipline Studies List Request Form

**If this request is accompanying a New Course Request**, the New Course Request will continue forward separately and the Gen Ed/Discipline Studies request will be put on hold pending state approval of the new course.

(Double click on check boxes to activate dialog box)

1. General & Course Information:			
Department		Submitter Name: Phone: Email:	
Course Prefix and Number:		Course Title:	
Course Credits:		Gen Ed Category:	<input type="checkbox"/> Arts and Letters <input type="checkbox"/> Social Science <input type="checkbox"/> Science, Comp. Sci., and Math
Course Description:			
Course Outcomes:			

**Lower Division Collegiate (LDC) courses that apply for General Education/Discipline Studies status must:**

- 1. Be available to all CGCC students who meet the prerequisites for the course.**
- 2. Ensure that the appropriate AAOT Discipline Studies outcomes and criteria are reflected in the course's outcomes.** (If you need to revise your course outcomes, you must complete a Course Revision form.)
- 3. Verify course transfer status using the Course Transfer/Articulation Status form** (available on the curriculum website). In order to obtain general education status, at least two OUS schools must confirm the course will transfer and one of the schools must approve the transfer as general education.
- 4. Have the Standard Prerequisites unless the Department Chair has completed the Prerequisite Opt-Out form and that request is approved.**
- 5. Be an LDC course that is eligible for the AAOT Discipline Studies List.**

In addition, course content must address the following:

- 1. CGCC's General Education Philosophy Statement:** *Through a broad, well-balanced curriculum, the General Education program strives to instill a lifelong love of learning and to foster civic competence within our students.*

**2. CGCC Core Learning Outcomes (CLO):**

Through their respective disciplines, CGCC students who earn a degree can:

1. Communicate effectively using appropriate reading, writing, listening, and speaking skills. (Communication)
2. Creatively solve problems by using relevant methods of research, personal reflection, reasoning, and evaluation of information. (Critical Thinking and Problem-Solving)
3. Apply the knowledge, skills and abilities to enter and succeed in a defined profession or advanced academic program. (Professional Competence)
4. Appreciate cultural diversity and constructively address issues that arise out of cultural differences in the workplace and community. (Cultural Awareness)
5. Recognize the consequences of human activity upon our social and natural world. (Community and Environmental Responsibility)

**Course outcomes are required to demonstrate that 3 of the CLOs are addressed in depth, and 1 additional CLO is addressed at least minimally.**

**2. Address CGCC Core Learning Outcomes:**

**For each CLO addressed, provide the following: 1) list the course outcome(s) that clearly reflects the CLO; and 2) describe relevant course content, outlining how students will gain the skills and knowledge needed to achieve a level of mastery of the CLO.**

Communicate effectively using appropriate reading, writing, listening, and speaking skills. (Communication)

☐ in depth ☐ minimally

Creatively solve problems by using relevant methods of research, personal reflection, reasoning, and evaluation of information. (Critical Thinking and Problem-Solving)

☐ in depth ☐ minimally

Apply the knowledge, skills and abilities to enter and succeed in a defined profession or advanced academic program. (Professional Competence)

☐ in depth ☐ minimally

Appreciate cultural diversity and constructively address issues that arise out of cultural differences in the workplace and community. (Cultural Awareness)

☐ in depth ☐ minimally

Recognize the consequences of human activity upon our social and natural world. (Community and Environmental Responsibility)

☐ in depth ☐ minimally

**3. Address the AAOT Discipline Studies Outcomes and Criteria:**

**Complete only the questions regarding outcomes and criteria for the category to which your course belongs - Art and Letters; Social Sciences; Science and Computer Science; or Mathematics.**

**Arts and Letters****Outcomes:**

As a result of taking General Education Arts & Letters courses, a student should be able to:

- Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life; and
- Critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues.

Criteria:	
<p>A course in Arts &amp; Letters should:</p> <ol style="list-style-type: none"> <li>1. Introduce the fundamental ideas and practices of the discipline and allow students to apply them.</li> <li>2. Elicit analytical and critical responses to historical and/or cultural works, such as literature, music, language, philosophy, religion, and the visual and performing arts.</li> <li>3. Explore the conventions and techniques of significant forms of human expression.</li> <li>4. Place the discipline in a historical and cultural context and demonstrate its relationship with other discipline.</li> </ol> <p>And each course should also do at least one of the following:</p> <ol style="list-style-type: none"> <li>1. Foster creative individual expression via analysis, synthesis, and critical evaluation;</li> <li>2. Compare/contrast attitudes and values of specific historical periods or world cultures; and</li> <li>3. Examine the origins and influences of ethical or aesthetic traditions.</li> </ol>	
List the course outcome(s) from the course's CCOG that clearly reflect the above outcomes and criteria.*	
<p><b>*Note:</b> It must be clearly evident that the above outcomes are addressed within the course's outcomes. Between your answers to the two outcomes questions below, you need to address all of the first four criteria as well as at least one of the criteria listed in the second set of three.</p>	
How does the course enable a student to "interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life"?**	
How does the course enable a student to "critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues"?**	

Social Sciences
Outcomes:
<p>As a result of taking General Education Social Science courses, a student should be able to:</p> <ul style="list-style-type: none"> <li>• Apply analytical skills to social phenomena in order to understand human behavior; and</li> <li>• Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.</li> </ul>
Criteria:
<p>An introductory course in the Social Sciences should be broad in scope. Courses may focus on specialized or interdisciplinary subjects, but there must be substantial course content locating the subject in the broader context of the discipline(s). Approved courses will help students to:</p> <ol style="list-style-type: none"> <li>1. Understand the role of individuals and institutions within the context of society.</li> <li>2. Assess different theories and concepts and understand the distinctions between empirical and other methods of inquiry.</li> <li>3. Utilize appropriate information literacy skills in written and oral communication.</li> </ol>

4. Understand the diversity of human experience and thought, individually and collectively. 5. Apply knowledge and skills to contemporary problems and issues.	
List the course outcome(s) from the course's CCOG that clearly reflect the above outcomes and criteria.*	
<b>*Note:</b> It must be clearly evident that the above AAOT outcomes are addressed within the course outcomes. Between your answers to the two outcomes questions below, you need to address all five criteria.	
How does the course enable a student to “apply analytical skills to social phenomena in order to understand human behavior”?**	
How does the course enable a student to “apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live”?**	

Science or Computer Science	
<b>Outcomes:</b>	
As a result of taking General Education Science or Computer Science courses, a student should be able to: <ul style="list-style-type: none"> <li>• Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions;</li> <li>• Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanations, solve problems, and make evidence-based decisions in an ethical manner; and</li> <li>• Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.</li> </ul>	
<b>Criteria:</b>	
A General Education course in either Science or Computer Science should: <ol style="list-style-type: none"> <li>1. Analyze the development, scope, and limitations of fundamental scientific concepts, models, theories, and methods.</li> <li>2. Engage students in problem-solving and investigation, through the application of scientific and mathematical methods and concepts, and by using evidence to create and test models and draw conclusions. The goal should be to develop analytical thinking that includes evaluation, synthesis, and creative insight.</li> <li>3. Examine relationships with other subject areas, including the ethical application of science in human society and the relevance of science to everyday life.</li> </ol> In addition: <ol style="list-style-type: none"> <li>4a. A General Education course in Science should engage students in collaborative, hands-on and/or real-life activities that develop scientific reasoning and the capacity to apply mathematics and that allow students to experience the exhilaration of discovery.</li> <li>4b. A General Education course in Computer Science should engage students in the design of algorithms and computer programs that solve problems.</li> </ol>	
List the course outcome(s) from the course's CCOG that clearly reflect the above	

outcomes and criteria.*	
<b>*Note:</b> It must be clearly evident that the above outcomes are addressed within the course's outcomes. Between your answers to the three outcomes questions below, you need to address all of the first three criteria as well as the appropriate fourth criterion.	
How does the course enable a student to "gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions"?**	
How does the course enable a student to "apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanations, solve problems, and make evidence-based decisions in an ethical manner"?**	
How does the course enable a student to "assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment"?**	

Mathematics
<b>Outcomes:</b> As a result of taking General Education Mathematics courses, a student should be able to: <ul style="list-style-type: none"> <li>• Use appropriate mathematics to solve problems; and</li> <li>• Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.</li> </ul>
<b>Criteria:</b> A collegiate level Mathematics course should require students to: <ol style="list-style-type: none"> <li>1. Use the tools of arithmetic and algebra to work with more complex mathematical concepts.</li> <li>2. Design and follow a multi-step mathematical process through to a logical conclusion and judge the reasonableness of the results.</li> <li>3. Create mathematical models, analyze these models, and, when appropriate, find and interpret solutions.</li> <li>4. Compare a variety of mathematical tools, including technology, to determine an effective method of analysis.</li> <li>5. Analyze and communicate both problems and solutions in ways that are useful to themselves and to others.</li> <li>6. Use mathematical terminology, notation and symbolic processes appropriately and correctly.</li> <li>7. Make mathematical connections to, and solve problems from, other disciplines.</li> </ol>

List the course outcome(s) from the course's CCOG that clearly reflect the above outcomes and criteria.*	
<b>*Note:</b> It must be clearly evident that the above outcomes are addressed within the course's outcomes. Between your answers to the two outcomes questions below, you need to address all seven criteria.	
How does the course enable a student to "use appropriate mathematics to solve problems"?**	
How does the course enable a student to "recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results"?**	

Section # 4 Department Review		
This proposal has been reviewed at the Director level and approved for submission.		
Department Chair	Email	Date
Department Director	Email	Date

**NEXT STEPS:**

1. Save this document as the course prefix and course number.gened (e.g. HST 104.gened). Send completed form electronically to [curriculum@cgcc.edu](mailto:curriculum@cgcc.edu).
2. Complete the Course Signature form found in [Forms](#) on the curriculum website. Obtain required electronic or inked signatures and deliver to curriculum office by posted deadline. 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. Submission will be placed on the next agenda with available time slots. You will be notified of your submission's time for review. 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.