

General Education Characteristics Checklist

Course # GEOL 1200 Course Title History of Earth (was Historical Geology) Cr. Hrs. 4

Originator: Kelli Trujillo Date 06/14/2019

All courses that are part of the LCCC General Education program must have certain characteristics as articulated in the General Education Procedure (2.2P). These characteristics will ensure that the courses align with vision articulated in the LCCC General Education General Education Philosophy Statement.

- A. A course in the General Education Program is introductory and broad. It focuses on "non-specialized education" and prepares students for general application of the concepts in professional settings; it does not focus narrowly on those skills, techniques, and procedures specific to a particular occupation or profession.
- B. A course in the General Education Program incorporates the General Education Practices in teaching and learning.
- C. A course in the General Education Program transfers to regional 2-year and 4-year institutions.

Characteristics	The proposed General Education Course has the noted characteristic	If "No" is selected, please provide a rationale; attach additional paperwork if necessary
Introductory, Broad, and General Application Focused – How will students across disciplines and interests learn to apply skills and knowledge from your course to broader areas?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Includes the Four Practices (Additional Information Required Below)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Transferability Will this course transfer to a regional 2-year or 4-year institution?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

The Four Essential Practices of General Education at LCCC must be present in all General Education courses. This means that they must include activities that provide opportunities for students to engage with these practices.

Essential Practices	LEARNING ACTIVITIES
<p>Exploration, Research, and Problem Solving</p>	<p>Provide at least two examples of learning activities that relate to the practices. Examples from syllabi, assignment sheets, or other artifacts would be appreciated.</p> <p>Labs: Students conduct lab investigations involving observations of physical phenomena. Examples include:</p> <ul style="list-style-type: none"> • identifying common rocks and minerals • identifying common fossils • determining age relationships through relative and numeric dating • interpreting sedimentary structures and environments • using stratigraphic principles to correlate strata • comparing and contrasting past and present climates
<p>Creativity and Innovation</p>	<p>*Earth history in the news* activities require students to follow relevant current events in the news and bring discussion questions to the class. Students demonstrate their creativity and innovation by their choices of topics.</p> <p>During lab activities students are often given the opportunity to decide on their own how to approach questions. This allows them to be creative and innovative in finding ways to think about problems that work for themselves.</p> <p>Example: Lab activity on local depositional environments</p>
<p>Empathy and Integrity</p>	<p>Because the history of our planet and its life is common to all humans, empathy and integrity are part of the study of geologic history. Understanding geologic history requires thought about others and understanding and appreciation of the variety of life on Earth.</p> <ul style="list-style-type: none"> • Example: Lab activity on identifying common fossils <p>Many topics covered in this class can be controversial, such as the age of Earth, organic evolution, and human-caused climate change. Students are presented with the science behind these topics and are encouraged to think critically about them. Students also are challenged to be empathetic when interacting with people with differing viewpoints and how to professionally and academically present their opinions based on scientific facts and integrity.</p> <ul style="list-style-type: none"> • Example: Lab activity on past and current climates and anthropogenic climate change

<p>Communication and Collaboration</p>	<p>Class discussions are used throughout the semester and cover various geologic and biologic topics. These topics are introduced and discussed during class, and each student will have the opportunity to share their thoughts on the subject after having time to digest and process what has been brought up in the classroom setting. Example: class discussion following viewing of "Making North America" NOVA videos</p> <p>Collaboration is fostered during labs as students work together in pairs and groups during lab activities. Example: Lab exercise on identifying minerals and rocks</p>
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Originator agreement: By submitting this course for General Education consideration, I agree to participate in the annual assessment process for the General Education program.

Originator signature and date: Kellie Tjelle 6/14/2019

Department or Guided Pathways Co-Sponsor (Single person departments are required to have a co-sponsor from a related department within your Pathway) signature and date:

Megd Swamy 6/14/2019

School Dean signature and date: [Signature] 06/14/19

Definitions