



INTERACTIVE LEARNING WITH GENERAL EDUCATION!

LMC Spring GE Flex 2023

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“Central to an Associate Degree, General Education is designed to introduce students to the variety of means through which people comprehend the modern world. It reflects the conviction of colleges, then, that those who receive their degrees must possess in common certain basic principles, concepts and methodologies both unique to and shared by the various disciplines. College educated persons must be able to use this knowledge when evaluating and appreciating the physical environment, the culture and the society in which they live. Most importantly, General Education should lead to better self-understanding.” – California Code of Regulations, Title 5, 55061

Icebreaker:

1. Introduce yourself with your preferred name and pronouns.
2. Answer the question:

When you were an undergrad, what was your favorite GE course?



Local GE Overview

6 GE SLOs

1. Human Communication
2. Information Literacy
3. Ethical Insights
4. Diverse Perspectives
5. Quantitative Reasoning
6. Scientific Inquiry

Aligns with Discipline Categories

1. Arts and Humanities
2. Language and Rationality (LR 2B)
3. Social and Behavioral Sciences
4. Ethnic and Multicultural Studies
5. Language and Rationality (LR 2A)
6. Natural Sciences

If your COOR transfers as a UC or CSU GE class, it will be automatically added to the GE LMC pattern if there is a comparable LMC GE requirement. At the next regular COOR revision, you will be required to integrate the assigned GE SLO.

Strategies for GE COORs

- TIP 1: Be explicit and explicate.
- TIP 2: Reiteration, multiplicity, and elucidation are your friends.
- TIP 3: Combine, mix and match!
- TIP 4: Utilize campus resources.

**TOP
TIPS**



GE SLO 1:
HUMAN
COMMUNICATION

Sara Toruno-Conley



AT THE COMPLETION OF THE LMC GE PROGRAM, A STUDENT WILL BE ABLE TO COMMUNICATE AND COLLABORATE EFFECTIVELY AS A SPEAKER, VISUAL COMMUNICATOR, AND/OR PERFORMER.

Humanities
COR:
GESLO 1 is
embedded in
one CSLO and
one sample
assignment.

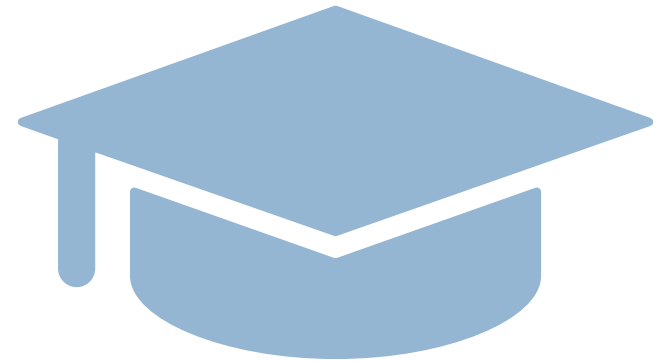
- **CSLO:** Read critically and **communicate effectively as a writer and speaker** on political, philosophical and religious identities and beliefs of the American people over the course of our history and relate them to our contemporary world. (GESLO 1, PSLOs 1, 2, 3 and 4)
- **Sample Assignment:** Reading “conversations” **are oral rather than written responses** to literary works. Students are organized into groups, which are assigned specific prompts to respond to in a **“live” conversation** in the classroom of 25-30 minutes in duration. During the discussion, both the instructor and other students may contribute or ask questions. Prompts are not assigned until 2-3 days before the conversation, so students must read the entire work assigned and get prepared individually and coordinate as a group, with talking points to guide them.



GE SLO 2:
INFORMATION
LITERACY

Sara Toruno-Conley

At the completion of the LMC GE program a student will be able to evaluate information and its sources critically.



English COR:
GE SLO 2 is
embedded in
one CSLO, and
one sample
assignment.

CSLO: Conduct basic **research using library tools**, incorporating various sources into essays using appropriate documentation format

Assignment: This online course assignment requires students to complete an online module and then quiz to learn how **to quickly evaluate online information** related to an essay topic.

Task: To complete this assignment, you first need to read through the **Fact Checking module** in order to learn about **misinformation and disinformation** and how it relates to other concepts like fake news. You will also learn a few simple moves to help you **quickly evaluate information you find online**. By the end of the module, you will be able to **move beyond elementary source evaluation tips to fact-check online posts like a pro**.



GE SLO 3:
ETHICAL INSIGHT

Ryan Tripp

Students will be able to analyze and address ethical problems with a clear understanding of personal, social and civic responsibilities.



METAETHICS

NORMATIVE ETHICS

APPLIED ETHICS

Examples of Reiteration, Multiplicity, and Elucidation

- **Almost every CSLO** indicates, to the point of redundancy, “**ethical** implications of knowledge, decision-making, and actions by utilizing the scientific approach to behavior.”
- The **first sample writing assignment** similarly requires students to “demonstrate the ability to read, think, and communicate effectively about fieldwork, applied anthropology, and the Code of **Ethics**.”
- A clearer example is the **second sample writing assignment**, which prompts students to analyze “the American Anthropology Association (AAA) Code of **Ethics** and...review what actions or measures anthropologists can and will take in the field in order to adhere to the **ethical** guidelines of the profession while actively engaged in applied anthropology.”
- **But what is the Code of Ethics?**



GE SLO 4:
**DIVERSE
PERSPECTIVES**

Ryan Tripp

Students will be able to evaluate diverse social, multicultural and/or global perspectives regarding current or past issues and events.



Diverse Perspectives: CSLO and Assignment Examples

The third CSLO stipulates that the curriculum and pedagogy aim to “illustrate the application and significance of Native American/Indigenous **diversity** in a global society to examine and compare relative attitudes and intersections of race and racism, gender roles, sexuality, class, religion, spirituality, ability, age, tribal citizenship, and language in Native American/Indigenous communities.”

The first **sample writing assignment** seeks to address “**diversity**,” requiring students to “compare the experiences of two API groups discussed so far in class in terms of their legal, economic, and social treatment in the U.S.” The **second sample writing assignment** also indicates “**diversity**” as a pedagogical goal, requiring students to demonstrate “how the community actively engages with anti-racist and anti-colonial theory and praxis, as they build a just and equitable society.”

Example of two GE SLOs in one COOR CSLO and assignment (Combine, Mix, and Match)

Example: The third CSLO similarly states that the course will emphasize “the case history of the Supreme Court as it relates to the development of civil liberties protections, civil rights guarantees, precedent, and the ethical implications to diverse demographic groups.”

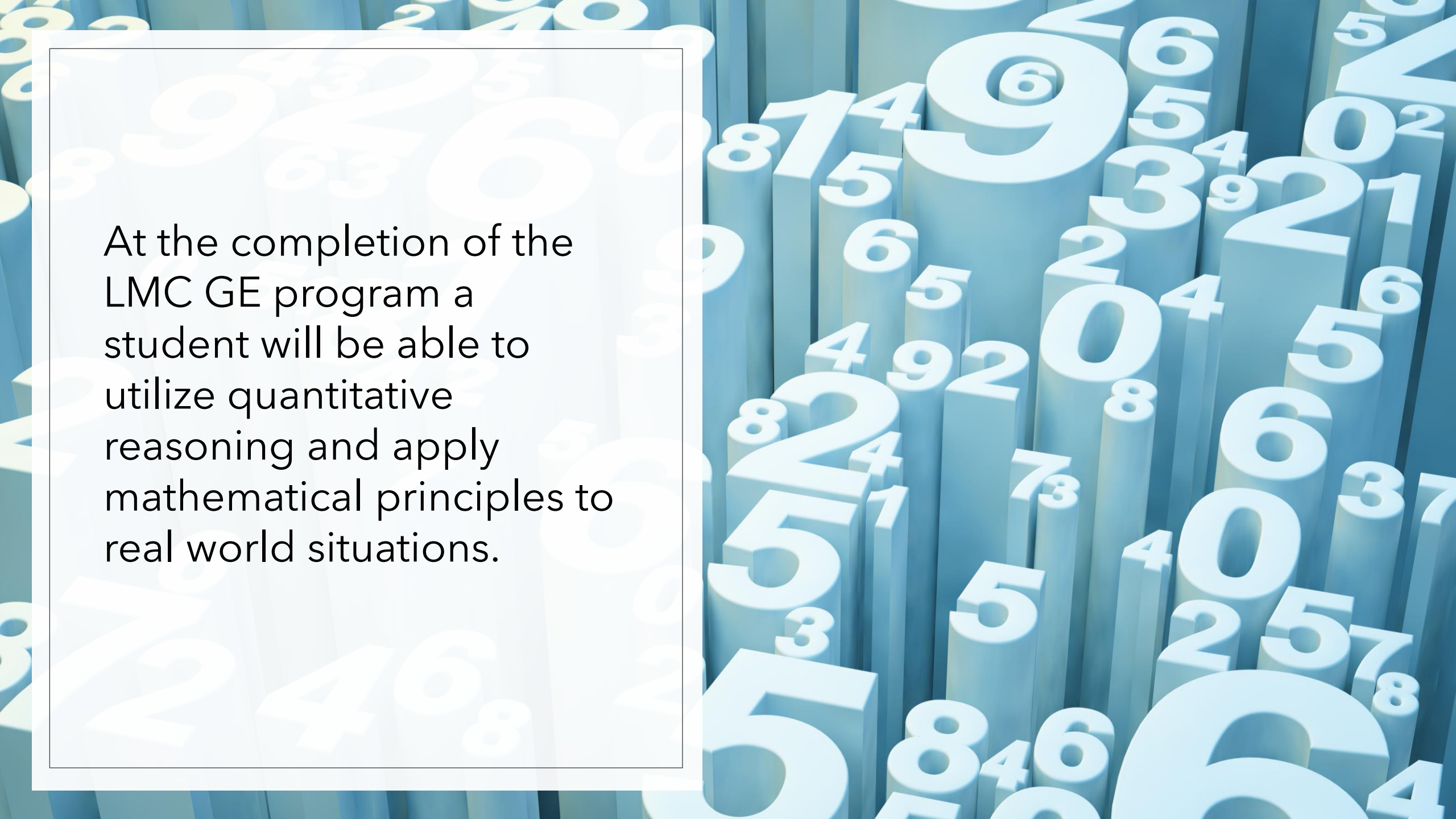
Example: The first sample writing assignment requires students to “analyze diversity as well as the social and political construction of race, ethnicity, class, gender, and sexuality and the ethical implications of patterns of social and political power that affects these communities.”

CAVEAT: Ensure that the COOR fulfills the GE SLO that the COOR is required to fulfill, first and foremost. That is, prioritization in GE SLOs may or may not be a factor in drafting and assessing COORs.



GE SLO 5:
**QUANTITATIVE
REASONING**

Ryan Tripp

The background of the slide is a dense field of 3D-rendered numbers in various shades of blue and white. The numbers are scattered across the frame, creating a sense of depth and movement. Some numbers are larger and more prominent, while others are smaller and more faded. The overall effect is a vibrant, mathematical-themed backdrop.

At the completion of the LMC GE program a student will be able to utilize quantitative reasoning and apply mathematical principles to real world situations.

Quantitative Reasoning: CSLO creation & Example Assignment

For CSLOs: Include concepts and examples involving applications of mathematical ideas:

- Apply concepts in various fields of study
- Use formulas to solve problems
- Apply relevant rules of logic/ reasoning
- Use operations to explain/solve problems

Example assignment:

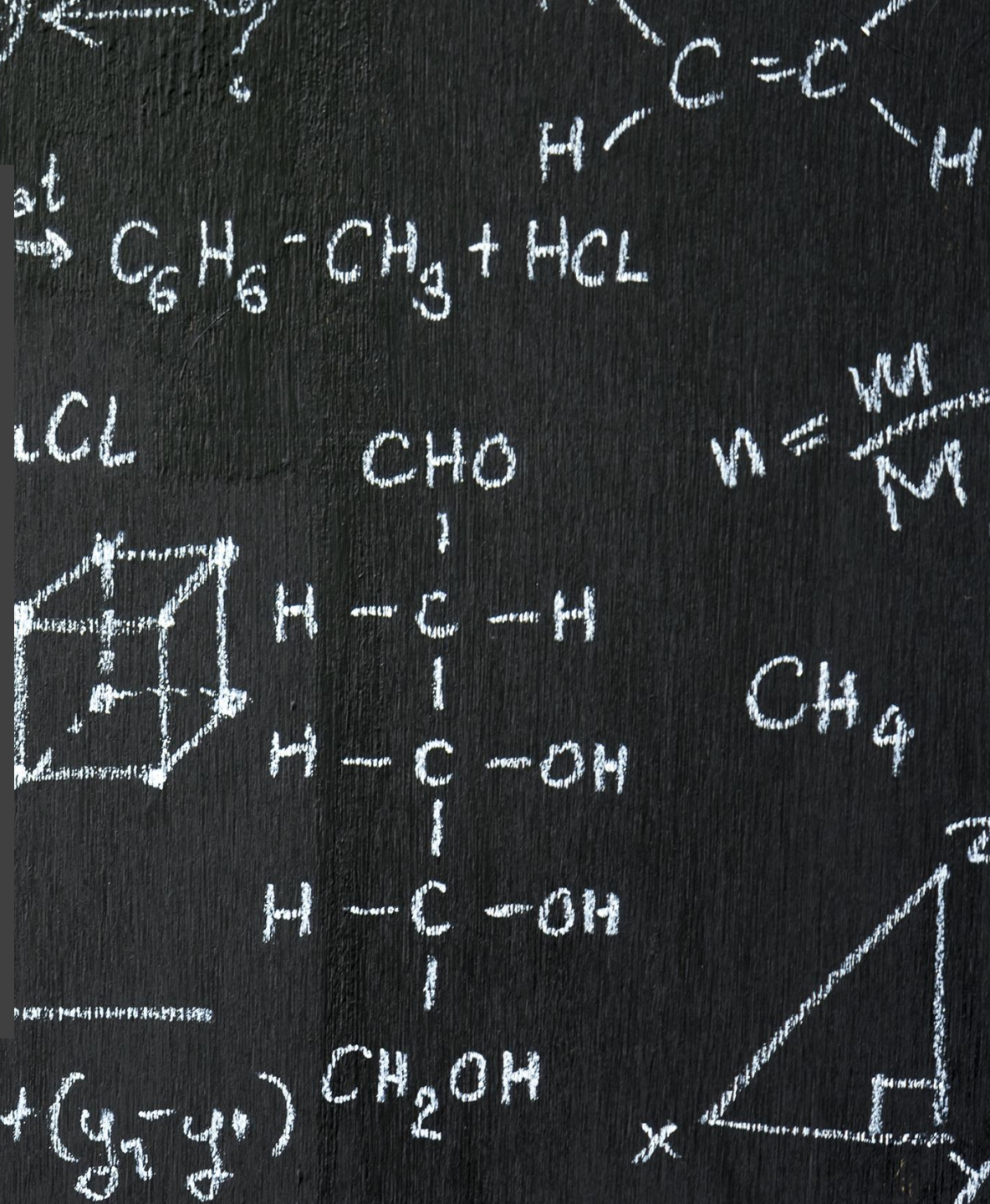
- In finance the “marginal cost” for a producing q items (abbreviated “MC”) is the cost to produce one more item, otherwise known as the derivative at a point. Thus, for a cost function $C(q)$ we say that $MC=C'(q)$. A motorcycle manufacturing company has marginal cost function $MC = 3q^2 - 6q + 9$.
 - (a) Find the total cost function if the fixed costs are 400.
 - (b) What is the cost to make the 21st motorcycle?
 - (c) What is the total cost to make 20 motorcycles? What is the cost per motorcycle?
 - (d) If the manufacturing company sells the motorcycles to the dealer for \$1000 the revenue function would be $R(q) = 1000q$. Sketch a graph including both the cost function and the revenue function and label the break-even point.



GE SLO 6:
SCIENTIFIC INQUIRY

Sara Toruno-Conley

At the completion of the LMC GE program a student will be able to apply methods of scientific inquiry in real world situations.



Biological
Science COOR:
GE SLO 6 is
embedded in
one CSLO, and
one assignment

CSLO: Apply **scientific inquiry** to explore biological phenomena, that requires a hypothesis, and data collection with evaluation. Draw meaningful conclusions from the data that distinguishes between **scientific and unscientific concepts** about human biology. Report conclusions orally or in written form.

Assignment: Example of a Written Lab Summary: Students will utilize **the scientific method** to carry out a correlational research study to determine the relationship between two variables. Students **will develop a hypothesis with prediction**, experimental methodology, collect and analyze data, and draw conclusions based on the data. Students will submit a final summary where they will outline their hypothesis, predictions, methodology, and conclusions in written form.



Connecting What's Possible

E L U M I N A T I O N

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QUESTIONS?

[HTTPS://WWW.LOSMEDANOS.EDU/INTRA-OUT/GE/](https://www.losmedanos.edu/intra-out/ge/)

Proposed CalGETC pathway

CalGETC Area	Subject	Courses/Units
1 – English Communication	English Composition Critical Thinking and Composition Oral Communication	1 course (3 units) 1 course (3 units) 1 course (3 units)
2	Mathematical Concepts and Quantitative Reasoning	1 course (3 units)
3 – Arts and Humanities	Arts Humanities	1 course (3 units) 1 course (3 units)
4	Social and Behavioral Sciences	2 courses (6 units)
5	Physical Science Biological Science Laboratory (for Phys/Bio course)	1 course (3 units) 1 course (3 units) (1 unit)
N/A	Life Long Learning and Self Development <i>(CSU upper division GE)</i>	
6	Language other than English (LOTE) <i>(Currently UC only, carries no units)</i>	
7	Ethnic Studies	1 course (3 units)

- It will be finalized by May 2023
- Comments, questions, concerns?