

## Course Assessment - Part A: Your Plan

COMPLETE

#539

Please select your course and name from the drop-down menu. If your course or name are incorrect or missing, contact the Curriculum and Assessment Administrative Assistant, 541-506-6037 or swade@cgcc.edu.

MTH 110-Technical Math- Abel Wolman- Fall 2021

\* **Part A: Your Plan DIRECTIONS** 1. Choose three of your course outcomes to assess and report on this term (these will also be used in your Student Course Evaluation survey): Outcome #1

Accurately compute and manipulate quantities relevant to technical and industrial systems.

\* **Outcome #2**

Algebraically solve mathematical equations and formulas for quantities and variables of interest.

\* **Outcome #3**

Demonstrate understanding of mathematical functions arising in technical and industrial systems.

Have you completed an assessment for this course prior to this term?

No

If yes, are you assessing different outcomes?

No

Comments:

(No response)

2. To which degree(s) or certificate(s) does your course map? **Degree, Certificate, & Program Outcomes**

Associate of Applied Science: Electro-Mechanical Technology, Electro-Mechanical Technology Career Pathway Certificate

\* **Method of Assessment 3. What methods will be used to assess individual student understanding of each of these outcomes? (Please be specific.) Outcome #1: Method to assess student understanding**

Problem sets, quizzes, and class discussion.

\* **Outcome #2: Method to assess student understanding**

Problem sets, quizzes, and class discussion.

\* **Outcome #3: Method to assess student understanding**

Problem sets, quizzes, and class discussion.

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**\* 4. How will you know if you were successful in your efforts to teach this outcome? Outcome #1:**

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70% of students will complete the course with a grade of B or better and will demonstrate outcome competencies through written and verbal communication.

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**\* Outcome #2: How will you know if you were successful in your efforts to teach this outcome?**

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70% of students will complete the course with a grade of B or better and will demonstrate outcome competencies through written and verbal communication.

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**\* Outcome #3: How will you know if you were successful in your efforts to teach this outcome?**

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70% of students will complete the course with a grade of B or better and will demonstrate outcome competencies through written and verbal communication.

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**5. Instructor Questions: Create two course specific questions to be included on the Student Course Evaluation. Question #1**

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Did this course contribute to your progress in the EM-Tech program?

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**Question #2**

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(No response)

**Do you require the names of students who complete the course evaluation survey? (Please note: names will be sent to instructors the Thursday before term ends)**

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NO

**Reminder, when completing Part B, instructors will be asked the following questions: Describe anything you did to assist the institutional effort to support students in improving achievement of the specified criteria for the following Institutional Learning Outcomes (ILO): 1. ILO#1 - Communication - "Content Development" and/or "Control of Syntax and Mechanics" 2. ILO#2 - Critical Thinking/Problem Solving - "Student Position" and/or "Evaluate Potential Solutions" 3. ILO#4 -Cultural Awareness - "Curiosity" (Encouraging our students to "Ask deeper questions about other cultures and seek out answers to these questions") 4. ILO#5 - Community and Environmental Responsibility - "Understanding Global Systems" and/or "Applying Knowledge to Contemporary Global Contexts" 5. ILO#3 - Quantitative Literacy - "Application/Analysis" and/or "Assumptions"**

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(No response)