

SOUTHEAST COMMUNITY COLLEGE
CONSTRUCTION MANUFACTURING AND TECHNOLOGY DIVISION
Precision Machining & Automation Technology Program
Revision Date: August 26, 2019
[Syllabus Statements](#)

I. CATALOG DESCRIPTION

Course Number: MACH2999
Course Title: Special Projects
Prerequisite(s): Program Director Approval
Catalog Description: Special project as assigned by Program Director
Credit Hours: 1-3
Class Hours: 15-45
Lab Hours: 0
Total Contact Hours: 15-45

II. COURSE OBJECTIVES: *Course will:*

- A. Provide the student with an opportunity to pursue and study a special area of interest in Precision Machining and Automation field.
- B. Require a formal written contract to be completed between the sponsoring instructor and the student to identify the project, procedures, and completion date.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

- A. Student Learning Outcomes: *Student will be able to:*
 - 1. Conduct research or otherwise pursue a study in an area of interest in the field of Precision Machining and Automation.
 - 2. Develop a written report relative to the research or study.
 - 3. Present the written study and/or sit for oral presentation with the sponsoring instructor to evaluate the project relative to objectives included in the contract.
- B. General Education Learning Outcomes (GELOs)
 - 1. GELO 5: Analytical, Quantitative and Scientific Reasoning
Outcome 2: Understand and create logical arguments supported by quantitative and scientific evidence and communicate those arguments in a variety of formats.

IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information*)

- A. Develop a contract to include topic, objectives, procedures of the research or study, and outcomes or expected results.
- B. Monitor student's progress in the completion of the project.
- C. Evaluate the completed project in conjunction with the objectives of the contract.

V. INSTRUCTIONAL MATERIALS

- A. Instruction materials vary with project(s) assigned.

VI. METHODS OF PRESENTATION/INSTRUCTION

- A. Methods of presentation typically include a combination of the following:
 - 1. Independent/directed study

VII. METHODS OF EVALUATION (*course outline will provide more detailed information*)

- A. Methods of evaluations, although determined by the individual instructor, traditionally includes a combination of the following:

1. Adherence to deadlines and completion of all assignments, exercises, worksheets, tests, quizzes, and tutorials and/or daily assessments.

VIII. SPECIFIC COURSE REQUIREMENTS

- A. No late assignments will be accepted; no exception will be made. All assignments turned in past the scheduled deadline will result in a grade of failing (F) and will not be eligible for further revision.
- B. Students must submit their own work. Cheating on any assignments, exercise, tests, quizzes, tutorial and/or daily assessments will result in a failure of that assignment with no possibility of revision (if applicable). Multiple instances will result in a failure of the course and may be grounds for disciplinary action or dismissal from the program.