



Syllabus

MET 115 Technology Freshman Seminar

General Information

Date

January 11th, 2019

Author

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Department

Science and Technology

Course Prefix

MET

Course Number

115

Course Title

Technology Freshman Seminar

Course Information

Credit Hours

1

Lecture Contact Hours

0

Lab Contact Hours

2

Other Contact Hours

0

Catalog Description

Today's engineering and technology fields and the multifaceted role of the technologist will be explored. Orientation to student services, academic policies, stress management, science study skills, time management, and other college survival skills will be presented. Additional topics of study include applied mathematics, use of scientific calculators, teamwork and problem solving skills in the classroom and laboratory, and an introduction to the physical units and dimensions encountered in the technologies.

Key Assessment

This course does not contain a Key Assessment for any programs

Prerequisites

None

Co-requisites

None

Grading Scheme

Letter

First Year Experience/Capstone Designation

This course is designated as satisfying the outcomes applicable for status as a

First Year Experience

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category
None

FLCC Values

Institutional Learning Outcomes Addressed by the Course

Perseverance

Interconnectedness

Course Learning Outcomes

Course Learning Outcomes

1. Identify and describe various college resources, college policies and strategies that will aid you to be successful at FLCC.
2. Investigate and set educational and career goals; investigate career options in the technologies
3. Demonstrate critical thinking skills and problem solving strategies, individually and as a member of a team by solving a technical design problem

Program Affiliation

This course is required as a core program course in the following program

AAS Mechanical Technology

Outline of Topics Covered

Topics to be covered

1. Introduction
2. Sketching, Lettering, & Lines
3. General College Survival Skills
4. Technology as a Career
5. Career Choices in the Technologies
6. Survival Skills for the Technologies
7. Calculator Skills
8. Measurement Systems
9. Right Angle Trigonometry
10. The Technical Lab
11. Team Design Project