

Course Syllabus

Department: Science/Technology

Date: 01/25/13

I. Course Prefix and Number: TECH 250

Course Name: Technology Co-op

Credit Hours and Contact Hours: 3 or 6 credit hours

Catalog Description including pre- and co-requisites: *supporting data required for grade prerequisite of 'C' or higher.*

The co-op program enables the technology student to supplement academic studies with work experience. The student will be employed a minimum of 135 work hours (3 credits) or 270 work hours (6 credits) per semester (either full-time or part-time employment). Enrollment is limited to technology students. Prerequisite: Faculty approval.

Relationship to Academic Programs and Curriculum including SUNY Gen Ed designation if applicable:

This course is required for the AAS Instrumentation & Controls Technology program and a technical elective for the AAS Architectural Technology & Building Sciences and the AAS Mechanical Technology programs.

II. Course Student Learning Outcomes: *State the student learning outcome(s) for the course (e.g. Student will be able to identify...)*

At the conclusion of this course the student will demonstrate:

- Acceptable work habits as certified by the employer
- Skills and knowledge acquired from the employment experience

(It is expected that each co-op experience will be different so acquired skills & knowledge will vary but they will be related to the student's field of study.)

College Learning Outcomes Addressed by the Course: *(check each College Learning Outcome addressed by the Student Learning Outcomes)*

- | | |
|---|---|
| <input type="checkbox"/> writing | <input type="checkbox"/> computer literacy |
| <input type="checkbox"/> oral communications | <input checked="" type="checkbox"/> ethics/values |
| <input type="checkbox"/> reading | <input checked="" type="checkbox"/> citizenship |
| <input type="checkbox"/> mathematics | <input type="checkbox"/> global concerns |
| <input checked="" type="checkbox"/> critical thinking | <input checked="" type="checkbox"/> information resources |

III. Assessment Measures (Summarize how the college and student learning outcomes will be assessed): *For each identified outcome checked, please provide the specific assessment measure.*

List identified College Learning Outcomes(s)	Specific assessment measure(s)
<i>eg: writing</i>	<i>eg: student will complete a research paper</i>
Ethics/Values, Citizenship	The employer will complete a performance evaluation.
Critical Thinking, Information Resources	The student will complete a written report or oral presentation summarizing the co-op work experience.

IV. Instructional Materials and Methods

Types of Course Materials:

None

Methods of Instruction (e.g. Lecture, Lab, Seminar ...):

On the job experience.

V. General Outline of Topics Covered:

- Pre-Employment Orientation
- Work Experience
- Mid-Term Evaluation
- Site Visit
- Final Evaluation and Final Report