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)

   □ writing
   □ oral communications
   □ reading
   □ mathematics
   □ critical thinking
   □ computer literacy
   ☑ ethics/values
   ☑ citizenship
   ☑ global concerns
   ☑ 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.

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