Cornell Engineering Co-op Program
Individual Learning Outcomes Guidelines

During your work experience, you are expected to meet the commonly defined learning outcomes (listed below), as well as establish your own individual learning outcomes. At the beginning of your work term, you will need to formulate learning outcomes in cooperation with your supervisor. At the end of the work term, you and your supervisor will evaluate your progress toward these outcomes.

Steps for establishing learning outcomes:
- Meet with your supervisor during the first two weeks of your work term. Discuss your learning outcomes to see which can be met and how they tie into your job responsibilities.
- Submit your learning outcomes to Engineering Co-op and Career Services.

Questions to help develop good learning outcomes:
- What specific knowledge or skills do you hope to gain?
- What responsibilities/experiences will help you to attain this knowledge or skill?
- How will the development of the outcomes relate to your major and career goals?
- What do you hope to learn about workplace culture and organizational structure?

Qualities of good academic learning outcomes:
- Describe a specific result or outcome you wish to accomplish while on your Co-op work term. (Test objectives by asking, “what exactly will this look like?”)
- Describe the experiences you hope to have that will lead to your learning.
- Relate to your academic major, minor, work assignment, industry, personal development, or career development.

Goal setting and self-reflection are key tools in professional development and learning. Discussing these learning outcomes with your supervisor or mentor will enhance your learning experience.

**Cornell University Engineering Co-op Learning Outcomes**

After completing the Engineering Co-op program at Cornell University, students will demonstrate the ability to:
- apply classroom knowledge to actual work situations
- effectively communicate verbally and in writing
- design and conduct experiments, as well as to analyze and interpret data
- design a system, component, or process to meet desired needs
- function as part of a multi-disciplinary team
- identify, formulate, and solve engineering problems
- understand and apply professional and ethical responsibility
- understand the impact of engineering solutions in a global and societal context
- recognize the need for, and engage in lifelong learning
- understand contemporary issues
- use the techniques, skills, and modern engineering tools necessary for engineering practice
- utilize job search skills: resume, interview, decision making skills
- develop professional contacts
- constructively receive and apply professional feedback
- take initiative in a professional setting