



## ENGR 130 – Competency Assessment

10 Marks

Co-op uses a competency system which you will see throughout your co-op terms and use to assess your current level of ability, and progress throughout your degree. It is similar to the competency system used by EGBC. Please see a list of the competencies below.

Core Competencies	
For definition of the core competencies, please see <a href="https://www.uvic.ca/coopandcareer/career/build-skills/core/index.php">https://www.uvic.ca/coopandcareer/career/build-skills/core/index.php</a>	
<ul style="list-style-type: none"> <li>• Commitment to Quality</li> <li>• Communication</li> <li>• Continuous Learning</li> <li>• Managing Information</li> <li>• Personal Management</li> </ul>	<ul style="list-style-type: none"> <li>• Professional Behavior</li> <li>• Project and Task Management</li> <li>• Research and Analysis</li> <li>• Social Responsibility</li> <li>• Teamwork</li> </ul>
Program-Specific Competencies	
For definition of the program-specific competencies, please see <a href="https://www.uvic.ca/coopandcareer/career/build-skills/program-competencies/index.php">https://www.uvic.ca/coopandcareer/career/build-skills/program-competencies/index.php</a>	
<ul style="list-style-type: none"> <li>• Advanced Thermodynamics &amp; Fluids</li> <li>• Biological Systems</li> <li>• Circuits and Electronics</li> <li>• Computer Hardware &amp; Systems</li> <li>• Computer Information Processing &amp; Algorithms</li> <li>• Control Theory and Systems</li> <li>• Design</li> <li>• Engineering Knowledge</li> <li>• Engineering Tools</li> <li>• Materials</li> <li>• Water &amp; Environmental Systems</li> </ul>	<ul style="list-style-type: none"> <li>• Networks; Hardware and Communications</li> <li>• Power and Energy Systems</li> <li>• Professional Practice</li> <li>• Reliability, Safety and Failure Analysis</li> <li>• Software Development; Theory &amp; Practice</li> <li>• Structures &amp; Machines; Statics &amp; Dynamics</li> <li>• Sustainable Resource Development &amp; Responsible Infrastructure</li> <li>• Transportation Systems</li> </ul>
Intercultural Competencies	
For definition of the intercultural competencies, please see <a href="https://www.uvic.ca/coopandcareer/career/build-skills/intercultural/index.php">https://www.uvic.ca/coopandcareer/career/build-skills/intercultural/index.php</a>	
<ul style="list-style-type: none"> <li>• Intercultural Motivation</li> <li>• Appropriate Behavior</li> </ul>	<ul style="list-style-type: none"> <li>• Intercultural Knowledge</li> <li>• Strategic Thinking</li> </ul>

Part A – Competency Self-Assessment (4 marks)
Choose 4 competencies from the lists above. For each of the four you choose, list the competency and then write a statement that describes the situation in which you demonstrated that competency. Use your own examples and your own words. Examples copied from online resources will receive 0 marks
1. <b>Communication:</b> I worked in a non-government organization back home, where I communicated with lots of people, mostly clients and people who need help, from various walks of life. I talked to them firsthand, and managed appointments with other teams from other departments.
2. <b>Social Responsibility:</b> As I engaged in my previous extracurricular activities outside my classroom, I mostly engaged myself in activism works concerning rights of gender, class, ethnic and minority groups back in my home country.
3. <b>Cultural Intelligence (CQ) Drive:</b> I have engaged and worked with people from outside my culture while I was working in a project involving taking a survey and depicting culturally specific elements into the survey so that local communities can



understand and interpret it in an appropriate manner. I was able to learn a lot from my experience in engaging with people from outside my circle.

4. **Cultural Intelligence (CQ) Action:** As an international student, I was able to engage and talk with people from many different communities coming from across the world. As I have learnt to adapt with the new culture and environment myself, I also have acknowledged the cultural differences, acceptances of certain behavioral and cultural elements in contrast to the culture I grew up in, and the opposite in many areas!

#### Part B – Further Development (4 marks)

Choose 4 competencies from the lists above that you would like to further develop this year. These competencies should be different from the ones you chose in part A. For each of the four you choose, list the competency and then state how you will further develop this competency. Use your own words. Examples copied from online resources will receive 0 marks.

1. **Teamwork:** I have worked as a team-member on many occasions, but I believe I need improvements in certain areas. I believe I need to look back and work on it, so that I will be able to improvise in those areas.
2. **Research & Development:** I certainly need to work on my management skills, especially on various research and development areas. One of the main areas I want to focus on, is the ability to look up articles and books from the library and able to do successful research through doing that.
3. **Engineering Knowledge:** As a first-year engineering student, I want to learn more about various engineering skills and systems, as well as be able to work on successful projects in the weeks to come.
4. **Software Development, Practice & Theory:** Since Software Engineering is my area of interest, I want to focus on the skillsets required to carry out various software development projects in the future.

#### Part C – SMART Goal (2 marks)

Choose 1 competency from the list on the first page (can be the same as one in B) that you would like to further develop this year. Write this competency below, then write a SMART goal (3-5 sentences) for how you will develop it this year. SMART goals must be:

- **Specific** – What exactly do you want to accomplish?
- **Measurable** – How will you measure success?
- **Achievable** – Is the goal realistic (consider your workload!)?
- **Relevant** – Will it further your career or personal goals?
- **Time bound** – Provide a specific time when you want to do something by.

Competency: **Professional Practice**

SMART Goal (Remember to reference all aspects cited above):

I want to learn the various technical and soft skills required both in the academic and work environment and gain competencies in certain skillsets in my area of interest so that I can work towards promoting and prioritizing the safety, health, and welfare of the various communities. It seems achievable to me, and I believe, it will certainly help me in furthering my career (which can also work as a measure of whether I am successful in developing this competency or not). I want to achieve this competency before graduating and starting my engineering career.