



**College of Engineering - Tennessee Technological University**  
**CO-OP EMPLOYER SURVEY**

Student's major: **Engineering Technology**

Please indicate "workplace" skills that your company considers important for newly hired engineers. A "workplace" skill is an ability that may not be part of the engineering curriculum.

**Your response to the following questions will aid in the assessment of your experience with, and knowledge of, the cooperative education student majoring in one of the academic departments in the College of Engineering at Tennessee Technological University.**

Comment on the above "workplace" skills of the student during their co-op employment by indicating your level of agreement with each of the following statements (A response marked "Unknown" indicates that you do not have sufficient information for an opinion).	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Unknown
Demonstrates "workplace" skills identified above in daily tasks and projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Establishes goals, plans tasks, meets objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Displays an ability to design systems, components, or processes meeting specified needs for broadly-defined* engineering problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Displays an ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Applies knowledge, techniques, skills, and modern tools of math, science, engineering, and technology to solve broadly-defined engineering problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functions effectively as a member as well as a leader on technical teams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Your response to the following additional questions will aid in the assessment of various general skills, aptitudes and attitudes that the undergraduate curriculum is designed to develop in our students.**

Indicate your level of agreement with each of the statements below (Unknown indicates that you do not have sufficient information for an opinion).	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Unknown
Works effectively with other employees	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Demonstrates a commitment to professional development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Produces effective written communications to targeted audiences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Produces effective oral presentations to targeted audiences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Demonstrates effective graphical communication for targeted audiences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Identifies and uses appropriate technical literature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recognizes professional and ethical responsibilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Definitions:

\*Broadly-defined engineering problems are practical, broad in scope, relatively complex, and involve a variety of resources; use new processes, materials, or techniques in innovative ways; and may require extension of standard operating procedures.:

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Please indicate below and respond accordingly regarding the following career competencies of the student, during their co-op employment, by indicating your level of agreement with each of the following statements (A response marked “Unknown” indicates you do not have sufficient information to form an opinion).

Student Name: \_\_\_\_\_ Employer: \_\_\_\_\_

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Unknown
<b>Career &amp; Self-Development</b> Student exhibits awareness of their strengths and weaknesses, navigation of career opportunities, and ability to network to build relationships within your organization.						
<b>Communication</b> Student can clearly and effectively exchange information, ideas, facts and perspectives with persons inside and outside of your organization.						
<b>Critical Thinking</b> Student can identify and respond to needs based upon an understanding of situational context and logistical analysis of relevant information.						
<b>Equity &amp; Inclusion</b> Student has the ability to demonstrate awareness, attitude, knowledge, and skills required to equitably engage and include people from different local and global cultures within your organization.						
<b>Leadership</b> Student recognizes and capitalizes on personal and team strengths to achieve organizational goals.						
<b>Professionalism</b> Student has the ability to know work environments differ greatly, understand and demonstrate effective work habits, and act in the interest of the larger community and workplace.						
<b>Teamwork</b> Student can build and maintain collaborative relationships to work effectively toward common goals, while appreciating diverse viewpoints and shared responsibilities.						
<b>Technology</b> Student understands and leverages technology ethically to enhance efficiencies, complete tasks, and accomplish goals within the organization.						