

Academic Learning Compact

Degree Program: Electronic Engineering Technology (BS) (CIP Code 15.0303)

Intended Program Student Learning Outcomes	Direct and Indirect Measures	
	Direct Method of Assessment	Indirect Method of Assessment
<p>Outcome 1: [Communication Skills] Content:</p> <ul style="list-style-type: none"> •An ability to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined engineering technology activities. •An ability to select and apply knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies. 	<p><u>Direct Measure(s)</u> Exam (Item Analysis)</p>	<p><u>Indirect Measure(s)</u> Alumni survey</p>
<p>Outcome 2: [Communication Skills] Communication Skills:</p> <ul style="list-style-type: none"> •An ability to apply written, oral, and graphical communication in both technical and non-technical environments, and an ability to identify and use appropriate technical literature. 	<p><u>Direct Measure(s)</u> Exam (Item Analysis)</p>	<p><u>Indirect Measure(s)</u> Employer survey</p>
<p>Outcome 3: [Critical Thinking Skills] Critical Thinking Skills:</p> <ul style="list-style-type: none"> •An ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments, and to apply experimental results to improve processes. •An ability to design systems, components, or processes for broadly-defined engineering technology problems appropriate to program educational objectives. •An ability to identify, analyze, and solve broadly-defined technology problems. 	<p><u>Direct Measure(s)</u> Exam (Item Analysis)</p>	<p><u>Indirect Measure(s)</u> Alumni survey</p>
<p>Outcome 4: [Content/Discipline Knowledge and Skills] Professionalism:</p> <ul style="list-style-type: none"> •A commitment to quality, timeliness, and continuous improvement. •An understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity. •An ability to function effectively as a member or leader on technical team. 	<p><u>Direct Measure(s)</u> Exam (Item Analysis)</p>	<p><u>Indirect Measure(s)</u> Employer survey</p>
<p>Outcome 5: [Content/Discipline Knowledge and Skills] Career Success:</p> <ul style="list-style-type: none"> •A knowledge of the impact of engineering technology solutions in a societal and global context. •An understanding of the need for and an ability to engage in self-directed continuing professional development. 	<p><u>Direct Measure(s)</u> Exam (Item Analysis)</p>	<p><u>Indirect Measure(s)</u> Alumni survey</p>