

ENGINEERING TECHNOLOGY ACCREDITATION COMMISSION
General Criteria

ETAC Criteria 2018-19 Accreditation Cycle	ETAC Criteria 2019-20 Accreditation Cycle
<p>The program must have documented student outcomes that prepare graduates to attain the program educational objectives. There must be a documented abe</p>	<p>The program must have documented student processes that are used to assess and evaluate of</p>
<p>For purposes of this section, broadly defined activities are those that involve a variety of 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 basic operating processes.</p>	<p>For purposes of this section, well-defined activities operating processes. Broadly defined activities or 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.</p>
<p>A. For associate degree programs, these student outcomes must include, but are not limited to, the following learned capabilities:</p>	<p>A. For associate degree programs, student outcomes must include, but are not limited to, the following:</p>
<p>a. an ability to apply the knowledge, techniques, skills, and modern tools of the discipline to narrowly defined engineering technology activities;</p>	<p>(1) an ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to the discipline;</p>
<p>b. an ability to apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require limited application of principles but extensive practical knowledge;</p>	<p>Included in (1) and in Criterion 5, Curriculum.</p>
<p>No direct equivalent in current ETAC criteria—“design” added from the International Engineering Technology Accreditation Commission (IETAC) Design Accords</p>	<p>(2) an ability to design solutions for well-defined technical problems and assist with the engineering design of systems, components, or processes appropriate to the discipline;</p>

6.2 593.28.00

ETAC Criteria 2018-19 Accreditation Cycle	ETAC Criteria 2019-20 Accreditation Cycle
c. an ability to conduct standard tests and measurements, and to conduct, analyze, and interpret experiments;	(4) an ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results;
d. an ability to function effectively as a member of a technical team;	(5) an ability to function effectively as a member of a technical team.
e. an ability to identify, analyze, and solve narrowly defined engineering technology problems;	Included in (1) and (2).
f. 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;	(3) an ability to apply written, oral, and graphical communication in well-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature;
g. an understanding of the need for and an ability to engage in self-directed continuing professional development;	Omitted
h. an understanding of and a commitment to address professional and ethical responsibilities, including a respect for diversity; and	Incorporated in (2) and under Criterion 5, Curriculum, Technical Content.

ETAC Criteria 2018-19 Accreditation Cycle	ETAC Criteria 2019-20 Accreditation Cycle
<p><u>Cooperative Education</u> When used to satisfy prescribed elements of these criteria, credits based upon cooperative/internships or similar experiences must include an appropriate academic component evaluated by the program faculty.</p>	<p><u>Cooperative Education</u> When used to satisfy degree requirements, credits based upon cooperative/internships or similar experiences must include an appropriate academic component evaluated by a member of the program faculty.</p>

Advisory Committee An advisory committee with representation from organizations being served by the program graduates must be utilized to

o m0eti.9 (u)2.allrTec 0.003.e26(d)-0.7(i).7 0.003.ddT(m)-9.3 2pM(d)6miocggjy6mio (cg)-3 l(cg)-3 2 (i)10.6 (m)-6 (m)4.56 r
th pm m2di-2.8p)2r

ETAC Criteria 2018-19 Accreditation Cycle	ETAC Criteria 2019-20 Accreditation Cycle
<i>Program Criteria (Preamble) – 2018-19</i>	<i>Program Criteria</i>