

# MECHANICAL ENGINEERING TECHNOLOGY, AS

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**Program code:** MCET-AS

**Location:** Gateway, Naugatuck Valley, Three Rivers

## Degree Requirements

Code	Title	Credits
<b>General Education Courses</b>		
ENG 1010	Composition	3
MATH 1610	Precalculus	4
Elective ARHX - Arts & Humanities Course		3-4
PHYS 1201	General Physics I	4
Elective SBSX - Social / Behavioral Science Course or Elective HISX - Historical Knowledge Course		3
COMM 1301	Public Speaking	3
or ENG 1080	Composition II: Technical Writing	
CCS 1001	College and Career Success	3
<b>Program Courses</b>		
TECH 1010	Introduction to Engineering Technology	3
MATH 2600	Calculus I	4
CAD 1330	2D CAD (AutoCAD)	3
CAD 2200	Parametric Design (SolidWorks)	3
EETA 1002	Electrical Applications	3
MFG 1004	Manufacturing Processes	4
MECH 1014	Statics	3
MECH 2071	Fluid Mechanics	4
or MECH 2040	Fundamentals of Heat and Thermodynamics	
MECH 2051	Materials Strength	4
MECH 2038	Dynamics	4
Technology Elective - choose any 2000-Level or higher in MECH, MFG, MATH, CAD, PHYS, EGR, EET or EETA. <sup>1</sup>		3-4
<b>Total Credits</b>		<b>61-63</b>

<sup>1</sup> Courses already used for program requirements do not count toward this elective requirement.