TRIDENT TECHNICAL COLLEGE

Mechanical Engineering Technology
Associate in Applied Science

Recommended Course Sequence

First Semester – Fall		
Fall 1		
MAT 170	Algebra, Geometry and Trigonometry I	Credit: 3
EGR 104	Engineering Technology Foundations	Credit: 3
Fall 2		
EGT 151	Introduction to CAD	Credit: 3
EGR 110	Introduction to Computer Environment	Credit: 3
		Total: 12
Second Semester - Spring		
Spring 1		
EET 113	Electrical Circuits I	Credit: 4
REQ HUM	Select from Humanities	Credit: 3
Spring 2		
ENG 101	English Composition I	Credit: 3
EGR 290	Numerical Applications in Engineering Technology	Credit: 3
		Total: 13
Third Semester - Summer		
EET 131	Active Devices	Credit: 4
EGR 234	Control Principles	Credit: 3
EGR 194	Statics and Strength of Materials	Credit: 4
		Total: 11
Fourth Semester - Fall		
Fall 1		
EEM 251	Programmable Controllers	Credit: 3
REQ GEN	Select from General Education (SPC 209 Recommended)	Credit: 3
Fall 2		
MET 233	Applied Thermal Principles	Credit: 4
REQ SSC	Select from Behavioral/Social Sciences	Credit: 3
		Total: 13
Fifth Semester - Spring		
EGR 170	Engineering Materials Credit: 3	Credit: 3
MET 237	Fluids: Principles and Application Credit: 4	Credit: 4
Spring 2		
EGR 175	Manufacturing Processes Credit: 3	Credit: 3
MEC ELE	Technical Elective	Credit: 3-4
		Total: 13-14
	TOTAL SEMESTER HOURS	**62-63**

	Technical Electives	
EEM 252	Programmable Controllers Applications	Credit: 3
EGT 152	Fundamentals of CAD	Credit: 3
ACR 210	Heat Pumps	Credit: 4
AMT 105	Robotics and Automated Control I	Credit: 3