



2016 – 2017 ENGINEERING TECHNOLOGY META-MAJOR CERTIFICATE IN ENGINEERING TECHNOLOGIES SUPPORT SPECIALIST



Meta-majors are academic pathways to help you meet your educational goals. Included below is a sample schedule for a full-time college student in a Certificate in Engineering Technologies Support Specialist. While you may not be a full-time student, you are responsible for completing the “Mandatory Hourly Requirements” on the right. Please be advised that not all types of financial aid will cover the cost of summer semester courses.

COURSE RECOMMENDATIONS ARE BASED ON GENERAL COURSE REQUIREMENTS.

SAMPLE FULLTIME SCHEDULE

TERM 1	Courses
Required Course	ET11420C
Required Course	EET1084C
Required Course	ET11701
TOTAL SEMESTER HOURS	9 HOURS
COMPLETED HOURS	9 HOURS

TERM 2	Courses
Required Course	ET11110
Required Course	ETM1010
Required Course	EGN1111C
TOTAL SEMESTER HOURS	9 HOURS
COMPLETED HOURS	18 HOURS

MANDATORY HOURLY REQUIREMENT

By 9 Completed Hours
Receive ACET Certification in DC/AC
2.0 or higher TCC GPA & Cumulative GPA

By 18 Completed Hours
Receive MSSC Certification at program completion
2.0 or higher TCC GPA & Cumulative GPA
25% credit hours earned at TCC

*Please refer to the [TCC Catalog](#) for specific courses that meet this requirement.

Important Things to Know:

- Developmental Education courses are not included in this plan.

MAJORS & OCCUPATIONS IN THE INDUSTRY, MANUFACTURING, & CONSTRUCTION META-MAJOR

MAJOR	OCCUPATION(S)	SUGGESTED ACADEMIC DEGREE(S)/LEVELS
Building Construction Management	Foreman	AS, B
	Assistant Superintendent	AS, B
	Estimator	AS, B
	Building Inspector	AS, B
	Expeditor	AS, B
Drafting and Design Technology	Drafter	AS
	Computer-aided Design (CAD) Technician	AS
	CAD Specialist	AS
	Geographic Information System (GIS) Technician	AS
	Assistant Surveyor	AS
Engineering Technology	Industrial Machinery Mechanic	AS
	General/Operations Manager	AS
	Production/Operations Worker/Supervisor	AS
	Supervisor of Mechanics	AS
	Installer/Repairer	AS
Operations and Construction Management	Operations Analyst/Manager	B, M
	Productions Planner	B, M
	Logistics Specialist	B, M
	Distribution Analyst/Manager	B, M
	Inventory Control Analyst/Manager	B, M
Aeronautics	Aircraft Crew Member	B, M
	Airport Management	B, M
	Air Traffic Controller	B, M
	Accident Investigation/Prevention Worker	B, M
	Aircraft Manufacturing Technician	B, M
Aviation Business Administration	Aviation Team Leader	B, M
	Aviation Dispatcher	B, M
	Aviation Accountant	B, M
	Aviation Training Instructor	B, M
	Aviation Technician	B, M
Aviation Maintenance	Aviation Customer Service Rep.	B, M
	Aviation Development Engineer	B, M
	Hydraulic and Systems Designer	B, M
	Manufacturing Engineer	B, M
	Technical Writer	B, M
Computer Numerical Control (CNC) Machinist	Front-line Supervisor of Production Workers	C
	CNC Operator	C
	Machinist	C
	Lathe Operator	C
	Custom Shop Worker	C
Applied Welding Technologies	Aluminum Welder	C
	Fabricator	C
	Fitter/Welder	C
	Brazer	C
	Solderer	C
Heating, Ventilation, and Air Conditioning (HVAC)	A/C, Refrigeration & Heating Helper	C
	A/C, Refrigeration & Heating Mechanic	C
	A/C, Refrigeration & Heating Mechanic Assistant	C
	A/C, Refrigeration & Heating Technician	C
	Refrigeration Technician	C

- C Certificate
- AS Associate in Science Degree
- B Bachelor's Degree
- M Master's Degree
- D Doctorate

**This sheet has sample majors & occupations associated with this meta-major. Some of these options may require additional training and career planning. You are not limited to these options when choosing a possible career path.*