

SAMPLE 16 CREDIT HOUR PATHWAY

The following pathway has been designed to introduce learners to a career in engineering technology. This pathway will prepare you to interact with the industry that corresponds with your specific area of interest after high school. The engineering technology path prepares learners for becoming skilled technicians in their given field or continuing their education.

ENG111: Composition I	3 credit hours
MTH109: College Algebra	3 credit hours
MTH112: Trigonometry	3 credit hours
PHY251: Physics: Mechanics & Heat	4 credit hours
Social/Behavioral Science Elective	3 credit hours

16 credit hours

SAMPLE 30 CREDIT HOUR PATHWAY

The following pathway has been designed to introduce learners to a career in engineering technology. This pathway will prepare you to interact with the industry that corresponds with your specific area of interest after high school. The engineering technology path prepares learners for becoming skilled technicians in their given field or continuing their education.

ENG111: Composition I	3 credit hours
ENG113: Speech OR	3 credit hours
ENG210: Technical Communications	
MTH109: College Algebra	3 credit hours
MTH112: Trigonometry	3 credit hours
PHY251: Physics: Mechanics & Heat	4 credit hours
MET100: Intro to Engineering Technology	2 credit hours
Arts and Humanities Elective	3 credit hours
Social/Behavioral Science Elective	3 credit hours

24 credit hours

SEE BACK FOR SPECIALIZED PATH ADDITIONS (2 classes from a category)

Electrical Engineering Technology Pathway

EET121: DC Circuits	3 credit hours
EET122: AC Circuits	3 credit hours
EET231: Microprocessors	4 credit hours
CAD112: CAD II	4 credit hours

6-8 credit hours

Electromechanical Engineering Technology Pathway

MET107: Engineering & Graphics Sketching	3 credit hours
MET121: Manufacturing Processes	3 credit hours
EET231: Microprocessors	4 credit hours
CAD213: CAD III	4 credit hours

6-8 credit hours

Mechanical Engineering Technology Pathway

MET107: Engineering & Graphics Sketching	3 credit hours
MET121: Manufacturing Processes	3 credit hours
CAD112: CAD II	4 credit hours
CAD213: CAD III	4 credit hours

6-8 credit hours

Plastics Engineering Technology Pathway

MET107: Engineering & Graphics Sketching	3 credit hours
MET121: Manufacturing Processes	3 credit hours
PET115: Plastics Processes I	4 credit hours
PET215: Plastics Processes II	4 credit hours

6-8 credit hours