

MECHANICAL ENGINEERING TECHNOLOGY

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.

Certificate(s) may have additional courses that do not overlap with the degree. Please see Certificate program page for complete listing of required courses.

Code	Title	Credit Hours
MATH-1530	College Algebra ¹	4
MET-1100	Technology Orientation	2
MET-1120	Computer Applications and Programming	2
MET-1230	Drawing & AutoCAD	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
MATH-1540	Trigonometry	3
MET-1240	Machine Tools and Manufacturing Processes	3
MET-1601	Technical Statics ²	3
PHYS-1210	College Physics I ³	4
Select one of the following:		3
ENG-1020	College Composition II	
ENG-102H	Honors College Composition II	
MET-1300	Engineering Materials and Metallurgy	3
MET-1621	Technical Dynamics ⁴	3
MET-2041	CAD II & GD&T	3
MET-2200	Strength of Materials ⁵	3
MET-2240	Mechanical Engineering Lab	1
MET-2300	Fluid Power ⁶	3
HLTH-1230	Standard First Aid and Personal Safety	1
MET-2601	3D Solid Modeling	3
MET-2700	Machine Design	4
PHYS-1220	College Physics II	4
Arts & Humanities/Social & Behavioral Sciences requirement		3

¹ MATH-1610 Calculus I will be accepted in place of both MATH-1530 College Algebra and MATH-1540 Trigonometry but an additional 2 credit hours of general electives may be needed to meet degree requirements.

² MET-2610 Statics will be accepted in place of MET-1601 Technical Statics to meet this requirement. MET-2610 Statics, MET-2620 Dynamics, and MET-2630 Engineering Strength of Materials are recommended for students planning to transfer.

- ³ PHYS-2310 General Physics I & PHYS-2320 General Physics II will be accepted in place of PHYS-1210 College Physics I & PHYS-1220 College Physics II, PHYS-2310 General Physics I & PHYS-2320 General Physics II are recommended for students planning to transfer.
- ⁴ MET-2620 Dynamics will be accepted in place of MET-1621 Technical Dynamics to meet this requirement.
- ⁵ MET-2630 Engineering Strength of Materials will be accepted in place of MET-2200 Strength of Materials to meet this requirement.
- ⁶ MET-2320 Thermal Dynamics will be accepted in place of MET-2300 Fluid Power to meet this requirement.

Related Degrees and Certificates

- Computer-Aided Drafting (CAD), Certificate of Proficiency
- Computer-Integrated Manufacturing (CIM), Certificate of Proficiency
- Machine Tools Operation, Certificate of Proficiency
- Quality Control, Certificate of Proficiency
- Mechanical Engineering Technology, Associate of Applied Science