

Mechanical Engineering Technology Degree

2-Year A.A.S. Degree

<http://www.pcc.edu/programs/mechanical-engineering/>

(Portland Community College 2018-2019 Catalog)

Total Credits Required: 101

Location: Portland Community College, Sylvania Campus ST 200

Department Chair: Tara Nelson tara.nelson1@pcc.edu 971.722.8087

Student Advisor: Linda Browning linda.browning@pcc.edu 971.722.8730

Program Prerequisites: Placement in MTH 65, WR 121

Equipment: TI-89 calculator

Note: All students must have an advising interview with a CMET advisor.

First Term (CMET courses offered Winter)

CMET 110	Statics	4
CMET 111	Portland Design:Bikes, Bridges & Brews	3
CMET 112	Tech. Algebra / Trigonometry	4
ENGR 102	Engineering Graphics	3
	General Education	3
Total: 17		

Fourth Term (CMET courses offered Fall)

CMET 226	Dynamics	3
CMET 133	Materials Technology	3
CMET 221	Environmental Systems	3
CH 101	Inorganic Chemistry Principles	5
COMM 111	Speech Communications	4
Total: 18		

Second (CMET courses offered Spring)

CMET 121	Strength of Materials	4
CMET 122	Global Energy Physics	4
CMET 123	Tech. Algebra / Analytic Geometry	4
WR 121	English Composition	4
Total: 16		

Fifth Term (CMET courses offered Winter)

ENGR 262	Manufacturing Processes	4
CMET 212	Thermodynamics I	4
CMET 211	Environmental Quality	4
CMET 241	Structural Steel Drafting	3
CMET 255	Civil and Mech Professional Skills	2
Total: 17		

Third (CMET courses offered Summer)

CMET 131	Applied Calculus	8
CMET 213	Fluid Mechanics	3
CMET 227	Applied Electricity Fundamentals	2
	General Education	4
Total: 17		

Sixth Term (CMET courses offered Spring)

CMET 235	Machine Design	3
CMET 237	MET Applied CAD	3
CMET 222	Thermodynamics II	4
CMET 223	Project Management	3
CMET 236	Structural Design	3
Total: 16		

Additional Classes for Green Technology and Sustainability Option

EET 110	Introduction to Renewable Energy	3
SOC 228	Intro. to Environmental Sociology	4
GEO 265	Intro to GIS	4

Recommended Classes for Fall 2018

ENGR 102	Engineering Graphics	3
Math		
General Education		

updated:

11/7/2018