

Mechanical Engineering Technology (MET) Long Range Schedule

Please note: every effort is made to offer the courses as listed below but occasionally changes must be made

Course Name and Number		Credits	AY 24/25			AY 25/26			AY 26/27			AY 27/28		
			Fall 2024	Spring 2025	Summer 2025	Fall 2025	Spring 2026	Summer 2026	Fall 2026	Spring 2027	Summer 2027	Fall 2027	Spring 2028	Summer 2028
Required MET Courses														
MET 200	Manufacturing Process and Methods	3	C	C	S	C	C	S	C	C	S	C	C	S
MET 225	Strength of Materials Laboratory	1	C	C	A	C	C	A	C	C	A	C	C	A
MET 300	Thermodynamics	3	C	S	A	C	S	A	C	S	A	C	S	A
MET 310	Dynamics	3	C	A	A	C	A	A	C	A	A	C	A	A
MET 320	Design of Machine Elements	3	S	C	A	S	C	A	S	C	A	S	C	A
MET 330	Fluid Mechanics	3	C	S	A	C	S	A	C	S	A	C	S	A
MET 331	Fluid Mechanics Laboratory	1	C,A	C,A	A	C,A	C,A	A	C,A	C,A	A	C,A	C,A	A
MET 340	Heat Transfer	3	S	C	S	S	C	S	S	C	S	S	C	S
MET 350	Thermal Applications	3		C	S		C	S		C	S		C	S
MET 351	Thermal Applications Laboratory	1	C,A	C,A	A	C,A	C,A	A	C,A	C,A	A	C,A	C,A	A
MET Approved Electives (See MFET and EET Long Range for additional Approved Elective Schedule)														
MET 427	Mechatronic System Design	3	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
MET 430	Mechanical Subsystem Design	3	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
MET 431	Modeling and Simulation of Mech. Systems	3	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
MET 460	Refrigeration and AC	3			S			S			S			S
MET 471	Nuclear Systems I.	3	S			S			S			S		
MET 472	Nuclear Systems II.	3		S			S			S			S	
MET 475	Marine Engineering I.	3	S			S			S			S		
MET 476	Marine Engineering II.	3		S			S			S			S	
MET 485	Maintenance Engineering	3		S			A			A			A	
Required ENGT Courses														
ENGT 200	Statics	3	C,S	C,S	S	C,S	C,S	S	C,S	C,S	S	C,S	C,S	S
ENGT 220	Strength of Materials	3	C,S	C,S	C,S	C,S	C,S	C,S	C,S	C,S	C,S	C,S	C,S	C,S
ENGT 230	Engineering Graphics and Computer Solid Modeling	3	C	C	A	C	C	A	C	C	A	C	C	A
ENGT 270	Automation and Controls	3	C	C	A	C	C	A	C	C	A	C	C	A
ENGT 286	Automation and Controls Laboratory	1	C	C	A	C	C	A	C	C	A	C	C	A
ENGT 305	Advanced Technical Analysis	3	C	C	A		C	A		C	A		C	A
ENGT 365	Geometric Dimensioning and Tolerancing	3	C	A	A	C	A	A	C	A	A	C	A	A
ENGT 434	Introduction to Senior Project	3	S	S		S	S		S	S		S	S	
ENGT 435W	Senior Design Project	3	A	A		A	A		A	A		A	A	
ENGN 401	Fundamentals of Engineering Review	3	A	A	A	A	A	A	A	A	A	A	A	A
Internship Credits - Three semesters count as one Approved MET elective. Must contact MET program director before registering														
MET 367	Cooperative Education	1	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C
MET 368	Internship	1	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C	A,C

*(C) Campus: This is face to face meetings only, appears on Leo-online with the building and classroom number

*(S) ODU Global Synchronous Online: WC 2, 5, 7

*(A) ODU Global Asynchronous online: WEB 2, 5, 7

Updated by N. Luetke, October 23, 2024