

Engineering for Moorpark College 2023 - 2024

C-ID (if applicable)	Moorpark College Engineering (ENGR)	Oxnard College Comparable Course	Ventura College Comparable Course
ENGR 110	ENGR M01 Introduction to Engineering (2 units)	ENGR R101 (2 units)	ENGR V01 (3 units)
ENGR 150	ENGR M04 Engineering Design/CAD (3 units)	ENGR R150 (3 units)	ENGR V02 (3 units)
	ENGR M05 2-Dimensional Computer-Aided Drawing and Design with AutoCAD (3 units)	No comparable course	No comparable course*
	ENGR M07 SolidWorks I-Engineering Mechanical Design (3 units)	No comparable course	No comparable course*
	ENGR M08 SolidWorks II -Engineering Design Practicum (3 units)	No comparable course	No comparable course
ENGR 220	ENGR M10 Programming and Problem-Solving in MATLAB (3 units)	ENGR R148 (3 units) OR MATH R148 (3 units)	ENGR V14 (3 units)
ENGR 140	ENGR M12 Engineering Materials (3 units)	ENGR R140 (3 units)	ENGR V18 (3 units)
ENGR 140L	ENGR M12L Engineering Materials Laboratory (1 unit)	ENGR R140L (1 unit)	ENGR V18L (1 unit)
ENGR 140B	ENGR M12 Engineering Materials (3 units) AND ENGR M12L Engineering Materials Laboratory (1 unit)	ENGR R140 (3 units) AND ENGR R140L (1 unit)	ENGR V18 (3 units) AND ENGR V18L (1 unit)
ENGR 130	ENGR M16 Engineering Statics and Strength of Materials (4 units)	ENGR R130 (3 units)	ENGR V12 (3 units)
ENGR 230	ENGR M18 Engineering Dynamics (3 units)	ENGR R135 (3 units)	No comparable course
ENGR 260	ENGR M20 Electrical Engineering Fundamentals (3 units)	ENGR R160 (3 units)	ENGR V16 (3 units)
ENGR 260L	ENGR M20L Electrical Engineering Fundamentals Laboratory (1 unit)	ENGR R160L (1 unit)	ENGR V16L (1 unit)
	ENGR M33 Introduction to Environmental Engineering (3 units)	No comparable course	No comparable course
	ENGR M33L Environmental Engineering Lab (1 unit)	No comparable course	No comparable course
	ENGR M35 Solid Waste and Hazardous Waste Management (3 units)	No comparable course	No comparable course
	ENGR M80 Internship in Engineering (1 to 4 units)	No comparable course	No comparable course
	ENGR M122 Independent Study - Engineering (0.5 to 3 units)	No comparable course	No comparable course
	Noncredit Courses Note to Academic Data Specialists: Course comparability for noncredit courses is listed to assist counselors with substitutions that allow students to complete noncredit certificates. Noncredit courses should not have comparable courses added to Banner because there is no limitation on repetition of noncredit courses.		
	ENGR M912 Bridge to ENGR M12 – Engineering Materials (8 hours)	No comparable course	No comparable course

	ENGR M916 Bridge to ENGR M16 – Engineering Statics and Strength of Materials (6 hours)	No comparable course	No comparable course

*per dept chair Scarlet Relle 6/14/23 - MC course covers in-depth of SolidWorks and prepares students for the Certified SolidWorks Associate-academic (CSWA-Academic) examination whereas VC's does not.