**Engineering for Moorpark College 2025 – 2026**

| **C-ID (if applicable)** | **Moorpark College**  **Engineering (ENGR) Course** | **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) | ENGR V20 (3 units) |
| 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 |
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|  | **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 (4 hours) | No comparable course | No comparable course |
|  | ENGR M916 Bridge to ENGR M16 – Engineering Statics and Strength of Materials (4 hours) | No comparable course | No comparable course |
|  |  |  |  |

\* revised 6.28.2023 - per dept chair Scarlet Relle: MC course covers in-depth of SolidWorks and prepares students for the Certified SolidWorks Associate-academic (CSWA-Academic) examination, whereas VC’s does not.