



LOS ANGELES VALLEY COLLEGE

MANUFACTURING, ELECTRONICS AND CONSTRUCTION (MEC)

NOT FOR STUDENTS PLANNING TO TRANSFER TO A UNIVERSITY

Select courses from each of the following sections:

<p>Section 1 Select one course (3 - 4 units)</p>	<ul style="list-style-type: none"> • ENGLISH C1000 (formerly English 101) – College Reading and Composition I (3 units) • ESL 110 – College Composition for Non-Native Speakers (4 units)
<p>Section 2 Select one course (3 - 6 units)</p>	<ul style="list-style-type: none"> • MATH 240 – Trigonometry (3 units) • MATH 259 – Precalculus with Trigonometry (6 units)
<p>Section 3 Select one or two courses related to your major (2 - 7 units)</p>	<ul style="list-style-type: none"> • ELECTRONICS <ul style="list-style-type: none"> ◦ ELECTRN 002 – Introduction to Administration of Justice (3 units) ◦ ELECTRN 004 – Concepts of Criminal Law (4 units) ◦ ELECTRN 034 – Introduction to Biomedical Electronics (3 units) • ENGINEERING TECHNOLOGY: INDUSTRIAL/MANUFACTURING <ul style="list-style-type: none"> ◦ T & M 027 – Basic Machine Shop Theory and Practice (4 units) ◦ NUM CON 021 – Advanced Manual CNC Lathe Programming & Introduction to CAM (3 units) ◦ CIS 104 – Microcomputer Application Software (3 units) ◦ ENG GEN 101 – Introduction to Science, Engineering and Technology (2 units) • ENGINEERING TECHNOLOGY: MECHANICAL ENGINEERING/METAL MACHINING/NUMERICAL CONTROL <ul style="list-style-type: none"> ◦ EGD TEK 101 – Engineering Graphics (3 units) ◦ T & M 027 – Basic Machine Shop Theory and Practice (4 units) ◦ ENG GEN 101 – Introduction to Science, Engineering and Technology (2 units) ◦ MSCNC 114 – Print Interpretation & Sketching (Blueprint I) (3 units) ◦ NUM CON 022 – Adv Manual CNC Mill & Microcomputer Assisted Programming (3 units) • MECHANICAL DRAFTING/DESIGN <ul style="list-style-type: none"> ◦ MSCNC 114 – Print Interpretation & Sketching (Blueprint I) (3 units) ◦ T & M 027 – Basic Machine Shop Theory and Practice (4 units) • SUSTAINABLE CONSTRUCTION MANAGEMENT <ul style="list-style-type: none"> ◦ ARC 172 – Architectural Drawing I (3 units) ◦ ENG GEN 101 – Introduction to Science, Engineering and Technology (2 units) ◦ EGT 100 – Introduction to Sustainable Construction Management (3 units)
<p>Section 4 Select one or two General Education courses (3 - 6 units)</p>	<ul style="list-style-type: none"> • AFRO AM 004 or AFRO AM 005 – The African American in the History of the US (3 units) • ART 201 – Drawing I (3 units) • ART 501 – Beginning Two-Dimensional Design (3 units) • CHICANO 008 – The Mexican-American in the History of the United States (3 units) • HEALTH 011 – Principles of Healthful Living (3 units) • KIN 350 – Weight Training (1 unit) • PHILOS 001 – Introduction to Philosophy (3 units) • POLS C1000 (formerly POL SCI 001) – The Government of the United States (3 units) • PHILOS 001 – Introduction to Philosophy (3 units)
<p>Section 5 Select one Student Success course (1 - 3 units)</p>	<ul style="list-style-type: none"> • COUNSEL 001 – Introduction to College (1 unit) • COUNSEL 004 – Career Planning (1 unit) • COUNSEL 020 – Post-Secondary Education: The Scope of Career Planning (3 units) • COLLEGE 101 – Navigating your Path Through College to Career (1 unit) • LIB SCI 101 – Library Science (1 unit)

If you have any questions, please email your MEC Success Coach at LAVC-STEMCounseling@laccd.edu.