

CAD Mechanical/Prototyping, One-Year Certificate

Certificate

Total credits: 45.0

■ Major Course ■ General Education Course ■ Elective Course ■ Milestone



Term 1 Fall14.0 credits	Term 2 Winter16.0 credits	Term 3 Spring15.0 credits
EG4. 409 — Drafting Fundamentals — 3.0 credits — Major Course EG4. 411 — Orientation to CAD — 2.0 credits — Major Course EG4. 412 — Introduction to Inventor — 3.0 credits — Major Course EG4. 460 — AutoCAD — 4.0 credits — Elective Course WLD 170 — Welding I — 2.0 credits — Elective Course Milestone: Meet with your academic advisor	EG4. 442 — Digital Design and Fabrication Fundamentals — 3.0 credits — Major Course EG4. 458 — Mechanical Design Drafting — 4.0 credits — Major Course MTOL 261 — Solidworks I — 3.0 credits — Major Course MTH 075 — Variables and Linear Equations — 4.0 credits — General Education Course MTOL 191 — Introduction to Manual Machining — 2.0 credits — Elective Course Milestone: Meet with your academic advisor	EG4. 414 — Introduction to Fusion — 3.0 credits — Major Course EG4. 419 — Fundamentals of Product Design and Development — 3.0 credits — Major Course EG4. 471 — Capstone Project — 3.0 credits — Major Course IN4. 164 — Technical Writing for CTE — 3.0 credits — General Education Course EG4. 459 — Kinematics Drafting — 3.0 credits — Elective Course Milestone: Meet with your academic advisor

This program map represents one possible pathway through the program and is for reference only. Make an appointment with the [First Resort](#) (prospective students) or [Advising](#) (current students) to receive personalized guidance.