

Computer Aided Drafting and Design

Associate of Applied Science

Total credits: 91.0

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



Term 1 Fall 16.0 credits

- EG4. 409 — Drafting Fundamentals — 3.0 credits — Major Course
- EG4. 411 — Orientation to CAD — 2.0 credits — Major Course
- IN4. 164 — Technical Writing for CTE — 3.0 credits — General Education Course
- BA 101Z — Introduction to Business — 4.0 credits — Elective Course
- EG4. 460 — AutoCAD — 4.0 credits — Elective Course
- Milestone: Meet with your academic advisor

Term 4 Fall 14.0 credits

- EG4. 412 — Introduction to Inventor — 3.0 credits — Major Course
- GS 104 — Physical Science: Principles of Physics — 4.0 credits — Major Course
- WE1. 280R — CWE for CADD — 3.0 credits — Major Course
- MTOL 191 — Introduction to Manual Machining — 2.0 credits — Elective Course
- WLD 170 — Welding I — 2.0 credits — Elective Course
- Milestone: Meet with your academic advisor
- Milestone: Apply for graduation

Term 2 Winter 17.0 credits

- EG4. 423 — Architectural Design I — 4.0 credits — Major Course
- EG4. 451 — Solids I — 3.0 credits — Major Course
- EG4. 456 — Civil Drafting Lab — 2.0 credits — Major Course
- EG4. 458 — Mechanical Design Drafting — 4.0 credits — Major Course
- MTH 075 — Variables and Linear Equations — 4.0 credits — General Education Course
- Milestone: Meet with your academic advisor

Term 5 Winter 14.0 credits

- EG4. 442 — Digital Design and Fabrication Fundamentals — 3.0 credits — Major Course
- EG4. 443 — Schematics — 3.0 credits — Major Course
- EG4. 455 — Structural Drafting — 3.0 credits — Major Course
- EG4. 462 — Advanced Inventor — 3.0 credits — Elective Course
- MTOL 193 — Manual Machining III — 2.0 credits — Elective Course

Term 3 Spring 15.0 credits

- EG4. 414 — Introduction to Fusion — 3.0 credits — Major Course
- EG4. 419 — Fundamentals of Product Design and Development — 3.0 credits — Major Course
- EG4. 445 — Surveying — 3.0 credits — Major Course
- EG4. 463 — Architectural Design II — 3.0 credits — Major Course
- EG4. 452 — Solids II — 3.0 credits — Elective Course
- Milestone: Meet with your academic advisor

Term 6 Spring 15.0 credits

- EG4. 465 — Civil Drafting II — 3.0 credits — Major Course
- EG4. 471 — Capstone Project — 3.0 credits — Major Course
- ENGR 242 — Introduction to GIS — 3.0 credits — Major Course
- EG4. 459 — Kinematics Drafting — 3.0 credits — Elective Course
- HE 110 — First Aid and CPR — 1.0 credits — Elective Course
- MTOL 121 — Inspection I — 2.0 credits — Elective Course