

| PATHWAY: ENGINEERING DESIGN TECHNOLOGY | | | | | | | CERTIFICATE |
|---|------------------------|-------------------------|---------------------------------|-----------------------------|----------------------------|--|--|
| HIGH SCHOOL PLAN | | | | | | | |
| SECONDARY | GRADE | English | Math | Science | Social Studies | Required Courses or Recommended CTE Electives | Career and Technical Courses |
| | 9 | English I | Math I | Earth Science | World History | Health/PE | |
| | 10 | English II | Math II | Biology | Civics & Economics | Personal Finance Technology, Engineering & Design | |
| | 11 | English III | Math III | Physics | US History I | CIS 110 Intro to Computers DFT 152 CAD II | Drafting I Introduction to Engineering Design |
| | 12 | English IV | 4 th Math Course | e-Commerce I | US History II | DFT 154 Intro to Solid Modeling | MEC 111 Machine Processes I |
| POSTSECONDARY | COMMUNITY COLLEGE PLAN | | | | | | |
| | Year 13 | | | | | | |
| | Fall Semester | DFT 111 Tech Drafting I | DFT 111A Tech Drafting I Lab | DFT 151 CAD I | CIS 110 Intro to Computers | | |
| | Spring Semester | DFT 152 CAD II | DFT 154 Intro to Solid Modeling | MEC 111 Machine Processes I | | | |

REQUIRED CREDIT HOURS FOR CERTIFICATE: 18

HOURS REMAINING TO COMPLETE DIPLOMA: 0

RED ARTICULATED CREDIT: 6 HOURS

Yellow Recommended CTE: 12 HOURS

OCCUPATIONS: Mechanical Drafter, Designer, CAD Designer, Project Designer.

AVERAGE SALARY: \$51,520

Upon completion of the pathway, the students will be awarded an **Engineering Design Certificate** from SCC