



| 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 | |
| | | | | | | *Career Mgmt. | |
| | 10 | English II | Math II | Biology | Civics & Economics | | |
| | 11 | English III | Math III | Physical Science | American History I | CIS 110 Intro to Computers | Drafting I |
| DFT 152 CAD II | | | | | | Introduction to Engineering Design | |
| 12 | English IV | 4 th Math Course | | American History II | DFT 154 Intro to Solid Modeling | MEC 111 Machine Processes I | |
| COMMUNITY COLLEGE PLAN | | | | | | | |
| POSTSECONDARY | 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