|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **College:** | Spoon River College | **Cluster:** | Transportation, Distribution and Logistics  |
|  |  |  | **Pathway:** | Diesel and Power Systems Technology  |
|  |  |  |  |  |
| Grade | English | Math | Science | Social Studies | Required, Career and Technical Education Courses Recommended and Other Elective Courses |
| Secondary | 9 | **English I** | **Algebra I**  | **Earth Science**  | **American History**  | **Elective**  | **Elective**  | **P.E.**  |
| 10 | **English II** | **Geometry** | **Biology**  | **Civics**  | **Elective**  | **Elective**  | **P.E.**  |
| 11 | **English III** | **Algebra II** | **Elective**  | **Elective**  | ***Gen Ed Course*** | ***Health Science***  | **P.E.** |
| 12 | ***ENG 101*** | ***Math (GT 150 or higher)***  | **Elective**  | **Elective**  | ***CSC 101*** | ***HS 110*** | **P.E.**  |
| **Courses in *italics* can be dual credit courses for high school students based on student eligibility**Mandatory College Placement Assessment (Reading, Writing, and Math) and SRC Academic AdvisingAll courses italics are dual credit suggestions for this program  |
| **Diesel and Power Systems Technology- Associates in Applied Science Degree**  |
| Post-Secondary | 1st Semester | **DTT 101** | **DTT 102** | **DTT 104** | **DTT 105** | **DTT 130** |  **CSC 101**  | **General Ed. Elective (3 credit hours)** |
| 2nd Semester | **DTT 125**  | **DTT 230**  | **DTT 235** | **Communication Elective (GT 162/ENG 101)** |  |  |  |
| Summer Semester | **DTT 140** | **DTT 145**  | **WEL 100** |  |  |  |  |
| 3rd Semester | **DTT 150** | **DTT 215**  | **DTT 225**  | **DTT 240** | **Health Science Elective**  |  |  |
| 4th Semester | **DTT 220**  | **DTT 245**  | **DTT 250**  | **HS 110**  | **Math Elective (Gt 150 or Higher)**  |  |  |
| **Additional Certificates:** **Locomotive Mechanical Certificate: must take RRT 135, RRT 136, RRT 137, and RRT 138****Preventive Maintenance Certificate: must take CDT 100, CDT 102, CDT 104 and approved elective**  **Rail Transportation and Power Systems Technology Certificate: must take DTT 204, DTT 107, DTT 144, DTT 154, GT 150, and WEL 102**  |
| Required Courses |   |   |   |
| *Course That Can Be Dual Credit/Articulated* |  |
| Electives |   |   |   |
| Must take that semester that year. |  |  |  |