

ACADEMIC ROADMAP
Bachelor of Science: SP 2017
Industrial Technology (Manufacturing Option)

Freshman Year

| FIRST SEMESTER | | | | SECOND SEMESTER | | | |
|-----------------------------------|-----------------------|------------|-----------------|-----------------------------------|-----------------------|------------|-----------------|
| Course Title | Catalog Number | REQ | Sequence | Course Title | Catalog Number | REQ | Sequence |
| Intellectual Foundations Elective | | | | Intellectual Foundations Elective | | | |
| Core Math | MAT-114 | X | | Core Chemistry | CHE-101 | X | |
| Foreign Language | | X | | Foreign Language | | X | |
| Technical Drawing | TEC-101 | X | | Manufacturing Materials | TEC-201 | X | |
| CWP 101 | CWP 101 | X | | CWP 102 | CWP 102 | X | |

Sophomore Year

| THIRD SEMESTER | | | | FOURTH SEMESTER | | | |
|-----------------------------------|-----------------------|------------|-----------------|-----------------------------------|-----------------------|------------|-----------------|
| Course Title | Catalog Number | REQ | Sequence | Course Title | Catalog Number | REQ | Sequence |
| Advanced Algebra and Trigonometry | TEC-124 | X | | General Physics I | PHY-107 | X | |
| Materials Science and Testing | TEC-311 | X | | CAD/CAM | TEC-302 | X | |
| Intellectual Foundations Elective | | | | Intellectual Foundations Elective | | | |
| All College Elective | | | | All College Elective | | | |
| All College Elective | | | | All College Elective | | | |

Junior Year

| FIFTH SEMESTER | | | | SIXTH SEMESTER | | | |
|-----------------------------------|-----------------------|------------|-----------------|-----------------------------------|-----------------------|------------|-----------------|
| Course Title | Catalog Number | REQ | Sequence | Course Title | Catalog Number | REQ | Sequence |
| Electromechanics | TEC-314 | X | | Materials Management | TEC-312 | X | |
| Industrial Systems Applications | TEC-404W | X | | Statistical Quality Control | TEC-313 | X | |
| Intellectual Foundations Elective | | | | Marketing | TEC-400 /BUS320 | X | |
| Intellectual Foundations Elective | | | | Intellectual Foundations Elective | | | |
| All College Elective | | | | All College Elective | | | |

Senior Year

| SEVENTH SEMESTER | | | | EIGHTH SEMESTER | | | |
|-----------------------------------|-----------------------|------------|-----------------|-----------------------------------|-----------------------|------------|-----------------|
| Course Title | Catalog Number | REQ | Sequence | Course Title | Catalog Number | REQ | Sequence |
| Ergonomics | TEC-402 | X | | Systems Analysis | TEC-403 | X | |
| Energy Systems | TEC-351 | X | | Manufacturing Technology | TEC-405W | X | |
| Safety Management | TEC-465 | X | | Intellectual Foundations Elective | | | |
| Intellectual Foundations Elective | | | | All College Elective | | | |
| All College Elective | | | | All College Elective | | | |