

Welding Certificate
Engineering & Information Technologies
 2022-2023 Curriculum

| Course | Title | Pre-Reqs | Lec | Lab | Credit Hours |
|------------|------------------------------------|-------------------|-----|-----|--------------|
| Semester 1 | | | | | |
| MAT-105 | Quantitative Reasoning | | 2 | 2 | 3 |
| WLD-100 | Fundamentals of Welding | | 2 | 3 | 3 |
| WLD-105 | Print Reading & Weld Design | | 2 | 2 | 3 |
| | | | | | 9 |
| Semester 2 | | | | | |
| MET-111 | Manufacturing Processes 1 | See Program Chair | 2 | 3 | 3 |
| MET-131 | MET Computer Aided Drafting 1 | See Program Chair | 2 | 3 | 3 |
| WLD-111 | Shielded Metal Arc Welding 1 | WLD 100 | 2 | 6 | 4 |
| | | | | | 10 |
| Semester 3 | | | | | |
| CIT-105 | OSHA 10 General Industry Safety | | 1 | 0 | 1 |
| WLD-115 | Gas Metal & Flux Cored Arc Welding | WLD 100 - co-req | 2 | 6 | 4 |
| WLD-210 | Gas Tungsten Arc Welding | WLD 100 | 2 | 6 | 4 |
| WLD-XXX | Technical Elective | | 2 | 3 | 3 |
| | | | | | 12 |
| Total | | | | | 31 |

Technical Electives: WLD 112, WLD 220, WLD 260