



DEGREE MAP

The following sequence is an example of how this program can be completed within the recommended time frame. It presumes that all course and program prerequisites have been met. Completion times may vary depending on individual circumstances. Students should consult an advisor when they plan their individual completion path using MyDegreePlan.

Program Name: Aerospace Thermal Fusion-Certificate

Locations Offered: Sierra Vista Campus

First Semester: Fall

| Requirement Category | Course(s) | Delivery* | Credits |
|----------------------|--|-----------|---------|
| Core Curriculum | CIS 116 Computer Essentials or CIS 120 Intro to Info Systems | F2F, OL | 3 |
| Core Curriculum | MAT 132 Applied Mathematics | F2F | 3 |
| Core Curriculum | WLD 105 Oxyacetylene Welding | F2F | 3 |

Second Semester: Spring

| Requirement Category | Course(s) | Delivery* | Credits |
|----------------------|---|-----------|---------|
| Core Curriculum | CIS 179 Applied Technical Writing | F2F, OL | 3 |
| Core Curriculum | GTC 105 Manufacturing Materials and Processes | F2F | 3 |
| Core Curriculum | WLD 203 Blueprint Interpretation | F2F | 3 |
| Core Curriculum | WLD 209 Gas Tungsten Arc Welding | F2F | 3 |

Third Semester: Fall

| Requirement Category | Course(s) | Delivery* | Credits |
|----------------------|-------------------------------------|-----------|---------|
| Core Curriculum | WLD 218 Advanced GTAW - Soft Metals | F2F | 3 |

Fourth Semester: Spring

| Requirement Category | Course(s) | Delivery* | Credits |
|----------------------|-------------------------------------|-----------|---------|
| Core Curriculum | WLD 219 Advanced GTAW - Hard Metals | F2F | 3 |

Fifth Semester: Fall

| Requirement Category | Course(s) | Delivery* | Credits |
|----------------------|---------------------------------------|-----------|---------|
| Core Curriculum | WLD 220 Advanced GTAW - Exotic Metals | F2F | 3 |

Total credits required: 30

*Key: F2F = Face-to-Face OL = Online

Reviewed: 3/1/2021

Notes: This certificate equires five semesters to complete.