

## CTE Course Crosswalk

| TAC Chapter 130. Career and Technical Education  |         |   |         |       |
|--|---------|---|---------|-------|
| Subchapter M. Manufacturing  |         |   |         |       |
| 2010   | Credits | 2017                                    | Credits | Codes |
| Principles of Manufacturing  | .5 - 1  | Principles of Manufacturing             | 1       |       |
| n/a  |         | Introduction to Welding                 | 1       |       |
| Welding  | 1 - 2   | Welding I                               | 2       |       |
| Advanced Welding   | 2 - 3   | Welding II                              | 2       | P     |
|  |         | Welding II Lab*                         | 1       | P     |
| Precision Metal Manufacturing  | 1 - 2   | Precision Metal Manufacturing I         | 2       |       |
| Advanced Precision Metal Manufacturing   | 2 - 3   | Precision Metal Manufacturing II        | 2       | P     |
|  |         | Precision Metal Manufacturing II Lab*   | 1       | P     |
| n/a  |         | Diversified Manufacturing I             | 1       |       |
| n/a  |         | Diversified Manufacturing II            | 1       | P     |
| Manufacturing Engineering  | 2 - 3   | Manufacturing Engineering Technology I  | 1       |       |
| n/a  |         | Manufacturing Engineering Technology II | 1       | M, P  |
| Flexible Manufacturing   | 1 - 2   | Metal Fabrication and Machining I       | 2       |       |
| Advanced Flexible Manufacturing  | 2 - 3   | Metal Fabrication and Machining II      | 2       | P     |
| Practicum in Manufacturing   | 2 - 3   | Practicum in Manufacturing              | 2       |       |
|  |         | Extended Practicum in Manufacturing**   | 1       |       |
| <p>*This course must be taken concurrently with the respective corequisite course and may not be taken as a stand-alone course. Districts are encouraged to offer this course in a consecutive block with the respective course to allow students sufficient time to master the content of both courses.<br/> <b>Example: Welding II (2 credits) + Welding II Lab (1 credit) = 3 credits</b></p> <p>**This course must be taken concurrently with Practicum in Manufacturing and may not be taken as a stand-alone course.<br/> <b>Example: Practicum in Manufacturing (2 credits) + Extended Practicum in Manufacturing (1 credit) = 3 credits</b></p> <p>Note: A student may repeat a practicum course or practicum course + extended practicum course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.</p> <p>Legend:<br/> M = Meets a graduation requirement for mathematics<br/> P = This course has prerequisites</p> |         |   |         |       |