

# FABRICATION TECHNOLOGY CERTIFICATE

---

The Fabrication Technology Certificate is designed to provide students with the knowledge and the skills necessary to draw, design and create a finished product in fabrication.

- Degree Type: Certificate
- Courses are available online and face-to-face
- TSI (<https://coursecatalog.tvcc.edu/admission-registration/testing/tsi-testing-requirements/>): not required

**This program is not designed to transfer.**

| Course                 | Title  | Hours     |
|------------------------|--|-----------|
| <b>Term One</b>        |  |           |
| <b>Fall Semester</b>   |  |           |
| DFTG-1305              | Technical Drafting                                 | 3         |
| DFTG-1409              | Basic Computer Aided Drafting                      | 4         |
| MCHN-1320              | Precision Tools and Measurement                    | 3         |
| WLDG-1521              | Welding Fundamentals                               | 5         |
| <b>Hours</b>           |  | <b>15</b> |
| <b>Term Two</b>        |  |           |
| <b>Spring Semester</b> |  |           |
| DFTG-2340              | Solid Modeling/Design                              | 3         |
| WLDG-1530              | Introduction to Gas Metal Arc Welding (gmaw)       | 5         |
| WLDG-1353              | Intermediate Layout and Fabrication                | 3         |
| <b>Hours</b>           |  | <b>11</b> |
| <b>Term Three</b>      |  |           |
| <b>Fall Semester</b>   |  |           |
| INMT-1343              | Computer Aided Design/Computer Aided Manufacturing | 3         |
| MCHN-2335              | Advanced CNC Machining                             | 3         |
| WLDG-2435              | Advanced Layout and Fabrication                    | 4         |
| <b>Hours</b>           |  | <b>10</b> |
| <b>Total Hours</b>     |  | <b>36</b> |