



# PATHWAYS



**YOUR MAP TO  
COMPLETION for  
2024-2025**

## Machine Tool Technology

Associate in Applied Science / Certificate / Short-Term Certificate

| Full Time  | Course Prefix | Course Title                                  | Credit Hours | Semesters Offered | Area |
|--|---------------|---|--------------|-------------------|------|
| Semester 1   | MTT 127       | Metrology                                     | 3            | Fa Sp Su          | V    |
|  | MTT 121       | Basic Print Reading for Machinists            | 3            | Fa Sp Su          | V    |
|  | MTT 147       | Introduction to Machine Shop I                | 3            | Fa Sp Su          | V    |
|  | MTT 148       | Introduction to Machine Shop I Lab            | 3            | Fa Sp Su          | V    |
|  | ENG 101       | English Composition I                         | 3            | Fa Sp Su          | I    |
|  | ORI 110       | Freshman Seminar                              | 1            | Fa Sp Su          | IV   |
| Semester 2   | MTT 107       | Machining Calculations I                      | 3            | Fa Sp Su          | V    |
|  | MTT 134       | Lathe Operations I                            | 3            | Fa Sp Su          | V    |
|  | MTT 135       | Lathe Operations I Lab                        | 3            | Fa Sp Su          | V    |
|  | MTT 171       | Intermediate Blueprint Reading for Machinists | 3            | Fa Sp Su          | V    |
|  | *IDS 102      | Ethics  | 3            | Fa Sp Su          | II   |
| Semester 3   | MTT 221       | Advanced Blueprint Reading for Machinists     | 3            | Fa Sp Su          | V    |
|  | MTT 130       | Machining Calculations II                     | 3            | Fa Sp Su          | V    |
|  | MTT 149       | Introduction to Machine Shop II               | 3            | Fa Sp Su          | V    |
|  | MTT 150       | Introduction to Machine Shop II Lab           | 3            | Fa Sp Su          | V    |
|  | *MTH 103      | Technical Math                                | 3            | Fa Sp Su          | III  |
| Semester 4   | MTT 128       | Geometric Dimensioning & Tolerancing I        | 3            | Fa Sp Su          | V    |
|  | MTT 137       | Milling I                                     | 3            | Fa Sp Su          | V    |
|  | MTT 138       | Milling Lab I                                 | 3            | Fa Sp Su          | V    |
|  | MTT 142       | Advanced Machining Calculations               | 3            | Fa Sp Su          | V    |
|  | *CIS 146      | Computer Application                          | 3            | Fa Sp Su          | III  |
|  | *HIS 201      | United States History I                       | 3            | Fa Sp Su          | IV   |
| Machine Tool Technology AAS TOTAL HOURS 64                             |               |   |              |                   |      |
| Machine Tool Technology Certificate TOTAL HOURS 55                     |               |   |              |                   |      |
| Level I Machine Tool Technology Short-Term Certificate TOTAL HOURS 24  |               |   |              |                   |      |
| Level II Machine Tool Technology Short-Term Certificate TOTAL HOURS 24 |               |   |              |                   |      |

\* May be substituted per Machine Tool Technology Instructor's approval

**WALLACE STATE**  
HANCEVILLE • ONEONTA