



## Machine and Manufacturing Technology (Cert A)

CIP: 48.0501

**2023-2024**

### High School Estimated Cost Sheet

| Course ID                 | Course Title                   | Credit Hours | Technical (T) or General (G) | Tuition   | Materials & Technology Fee | Funded by Excel in CTE | Certifications * | Non-Consumable Fees ** | Student Out of Pocket Responsibility |
|---------------------------|--------------------------------|--------------|------------------------------|---|----------------------------|------------------------|------------------|------------------------|--------------------------------------|
| <b>1st Semester</b>       |                                |              |                              |   |                            |                        |                  |                        |                                      |
| MTT106                    | OSHA 10 Hr. Gen. Indust. Cert. | 1            | T                            | \$ 152.00   | \$ 27.00                   | \$ (179.00)            | \$ 32.00         | \$ 65.00               | \$ 97.00                             |
| MTT112                    | Print Reading                  | 3            | T                            | \$ 456.00   | \$ 81.00                   | \$ (537.00)            |                  |                        | \$ -                                 |
| MTT114                    | Machining I                    | 3            | T                            | \$ 456.00   | \$ 81.00                   | \$ (537.00)            |                  |                        | \$ -                                 |
| MTT116                    | Machine Tool Processes         | 1            | T                            | \$ 152.00   | \$ 27.00                   | \$ (179.00)            |                  |                        | \$ -                                 |
| MTT118                    | Lathe/Mill/Grind I             | 4            | T                            | \$ 608.00   | \$ 108.00                  | \$ (716.00)            |                  |                        | \$ -                                 |
| <b>2nd Semester</b>       |                                |              |                              |   |                            |                        |                  |                        |                                      |
| MTT123                    | Machining II                   | 3            | T                            | \$ 456.00   | \$ 81.00                   | \$ (537.00)            |                  |                        | \$ -                                 |
| MTT131                    | Quality Control & Inspection   | 1            | T                            | \$ 152.00   | \$ 27.00                   | \$ (179.00)            |                  |                        | \$ -                                 |
| MTT218                    | Metallurgy                     | 1            | T                            | \$ 152.00   | \$ 27.00                   | \$ (179.00)            |                  |                        | \$ -                                 |
| MTT221                    | Bench Work                     | 1            | T                            | \$ 152.00   | \$ 27.00                   | \$ (179.00)            |                  |                        | \$ -                                 |
| MTT241                    | CNC Operations                 | 3            | T                            | \$ 456.00   | \$ 81.00                   | \$ (537.00)            | \$ 125.00        |                        | \$ 125.00                            |
| MTT151                    | Workplace Ethics               | 2            | G                            | \$ 304.00   | \$ 54.00                   |                        |                  |                        | \$ 358.00                            |
| <b>Total Credit Hours</b> |                                | <b>23</b>    |                              | <b>Savings to High School Students: \$ 3,759.00</b> |                            |                        |                  |                        |                                      |

\*\* 5 Work shirts and 2 pairs of safety glasses

\$65.00

\* OSHA 10 Certification Fee

\$32.00

\* NIMS Certification

\$125.00

Estimated Tuition and Fees:

\$ 580.00

Estimated Cost for Textbooks:

\$ 287.00

Estimated Cost for Tools:

\$ 350.00

**Total Estimated Out of Pocket:**

**\$ 1,217.00**

#### TEXTBOOKS ESTIMATE FOR THIS PROGRAM:

Students will be provided a list of required textbooks needed for their program.

Students can purchase their textbooks from Washburn Tech Bookstore or from any vendor of choice.

Estimated Cost for Textbooks: \$287.00

#### TOOLS ESTIMATE FOR THIS PROGRAM:

Lists of required tools are available on a separate sheet; students may purchase their tools from the vendor of their choice.

Not all tools may be needed the first semester. Please check with your instructor prior to purchasing tools.

Estimated Cost for Tools: \$350.00