

**MACHINE TOOL OPERATION/MACHINE SHOP TECHNOLOGY**  
**Certificate of Proficiency**  
**Poplarville**

**FRESHMAN YEAR**

**SEMESTER HOURS**

*1st Sem. 2nd Sem.*

|          |                            |   |   |
|----------|----------------------------|---|---|
| MST 1413 | Blueprint Reading          | 3 |   |
| MST 1115 | Power Machinery I          | 5 |   |
| MST 1313 | Machine Tool Mathematics   | 3 |   |
|          | Technical Elective         | 3 |   |
| MST 1125 | Power Machinery II         |   | 5 |
| MST 1613 | Precision Layout           |   | 3 |
| MST 1423 | Advanced Blueprint Reading |   | 3 |
| ATE 1113 | Science and Technology     |   | 3 |

**SOPHOMORE YEAR**

|          |                            |   |   |
|----------|----------------------------|---|---|
| MST 2135 | Power Machinery III        | 5 |   |
| MST 2714 | Computer Num. Cont. Op. I  | 4 |   |
|          | Technical Elective         | 3 |   |
| MST 2144 | Power Machinery IV         |   | 4 |
| MST 2725 | Computer Num. Cont. Op. II |   | 5 |
| MST 2813 | Metallurgy                 |   | 3 |

**TOTAL CREDIT HOURS: 52**

**TECHNICAL ELECTIVES:**

|              |   |
|--------------|---|
| DDT 1114     | Fundamentals of Drafting                              |
| DDT 1313     | Principles of CAD                                     |
| MST 1113     | Introduction to Machine Shop Technology               |
| MST 291(1-3) | Special Problem in Machine Tool Technology            |
| MST 292(1-6) | Supervised Work Experience in Machine Tool Technology |