## PROGRAM PLAN OF STUDY

**TERM:** FY16/17  
**WEEKS OF INSTRUCTION:** 29  
**EFFECTIVE DATE:** 1/9/2017  
**OCAS CODE:** 9679  
**STATE PROGRAM NAME:** CNC Machining  
**CIP CODE:** 48.0503  
**CLUSTER:** Manufacturing Technology  
**CM CODE:** MN00200047  
**LOCAL PROGRAM NAME:** Certified Machine Operator (Entry Level)  
**SOC CODE:** 51-4011  
**CTSO:** SKILLSUSA  
**TUITION RATE:** HR/$4.00  

### INSTRUCTOR (S): Aaron Polliard

### CID #: 63112  
### CAMPUS: Broken Arrow  
### DISTANCE EDUCATION PERCENTAGE: 10%  
### REQUIRED GRADE: "C" or better

### CLASS SCHEDULE

<table>
<thead>
<tr>
<th>DAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOURS/DAY</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
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</tr>
</tbody>
</table>

### CLASS SCHEDULE TYPE:

- AM: [✓]
- PM: [✓]
- DAYTIME: [✓]
- EVENING: [✓]
- LUNCH: [N/A]

### BREAK/INTERSESSION:

- 31-Jul (July 3, 5, 6)

### STUDENT NAME & ID#:

### STUDENT TYPE: Adult

### COURSE # | OCAS CODE | ACAD CRE | OHLAP CREDIT | COURSES | THEORY | LAB | TOTAL | START DATE | END DATE | #DAYS
---|---|---|---|---|---|---|---|---|---|---
NCMT-1683 | 45 | 30 | 75 | Measurement Materials and Safety | 45 | 30 | 75 |
NCMT-1684 | 30 | 45 | 75 | Job planning, Benchwork and Layout |
NCMT-1685 | 20 | 10 | 30 | Drill Press |
NCMT-1686 | 45 | 75 | 120 | Turning |
NCMT-1687 | 45 | 75 | 120 | Milling |
NCMT-1689 | 15 | 15 | 30 | CNC Basics |
NCMT-1690 | 30 | 30 | 60 | Introduction to CNC Turning |
| First Year Total Hours | 230 | 280 | 510 |
NCMT-1693 | 30 | 30 | 60 | Introduction to CNC Milling |
TTC-0802 | 15 | 15 | 30 | Workforce Staging |
| Second Year Total Hours | 45 | 45 | 90 |
| TOTAL HOURS | 275 | 325 | 600 |

### B & I CERTIFICATIONS

- 2909 Measurement, Materials & Safety
- 2908 Job Planning, Benchwork & Layout
- 2907 Manual Milling Skills I
- 2913 Turning Operations: Turning Between Centers
- 2911 Turning Operations: Turning Chucking Skills
- 2910 Grinding Skills I
- 2906 Drill Press Skills I
- 2902 CNC Turning: Operations x
- 2903 CNC Milling: Operations

### SIGNATURES:

Student:  
Instructor:  
Instructional Coordinator:  
Administrative:

**Date Printed:** 9/20/2016  
**Revised:** 9/20/2016