

**Murray State College**  
Tishomingo and Ardmore

## Gunsmithing Technology

### PROGRAM REQUIREMENTS

	Credit Hours
<b>GENERAL EDUCATION</b> .....	<b>18</b>
<b>EFFECTIVE COMMUNICATION (6 hours)</b>	
ENG 1113 English Composition I .....	3
ENG 1213 English Composition II .....	3
(or) SPC 1113 Fundamentals of Speech	
<b>HISTORY &amp; POLITICAL AWARENESS (6 hours)</b>	
HST 1483 US History to 1877 .....	3
(or) HST 1493 US History since 1877	
GVT 1113 American Federal Government .....	3
<b>MATH &amp; QUANTITATIVE REASONING (6 hours)</b>	
MTH 1123 Technical Mathematics .....	3
(or) MTH 1513 College Algebra	
BM 1403 Business Mathematics .....	3
<b>PROGRAM CORE REQUIREMENTS</b> .....	<b>47</b>
GS 1011 Basic Firearm Maintenance .....	1
GS 1012 Gun Bluing .....	2
GS 1113 Gunsmithing Theory I .....	3
GS 1122 Gunsmithing Theory II .....	2
GS 1213 Bench Metal Work .....	3
GS 1223 General Metals .....	3
GS 1313 Machine Tool Practices .....	3
GS 1324 Machine Metal Work I .....	4
GS 1512 Blueprint Reading .....	2
GS 1521 Gun Store Management .....	1
GS 1613 Riflesmithing .....	3
GS 2023 Metal Finishing .....	3
GS 2133 Repairing of Firearms I .....	3
GS 2142 Repairing of Firearms II .....	2
GS 2333 Machine Metal Work II .....	3
GS 2623 Stockmaking I .....	3
GS 2633 Pistolsmithing .....	3
GS 2653 Advance Gunsmithing Theory .....	3
<b>NEW STUDENT ORIENTATION</b> .....	<b>1</b>
ORI 1011 New Student Orientation .....	1
<b>TOTAL CREDIT HOURS for the AAS DEGREE IN GUNSMITHING TECHNOLOGY</b> .....	<b>65-66</b>
<b>FOR ADDITIONAL SPECIFIC TECHNICAL TRAINING: RECOMMENDED PROGRAM ELECTIVES</b> .....	
<b>28</b>	
GS 1362 Machine Shop I .....	2
GS 1372 Machine Shop II .....	2
GS 1412 Handloading & Ballistics .....	2
GS 1532 Intro to AutoCAD .....	2
GS 2032 Advanced Metal Finishing .....	2
GS 2382 Machine Shop III .....	2
GS 2392 Machine Shop IV .....	2
GS 2542 Advanced AutoCAD .....	2
GS 2553 Intro to CNC .....	3
GS 2642 Stockmaking II .....	2
GS 2662 Accurizing Factory Rifles .....	2
GS 2412 Adv. Handloading & Ballistics .....	2
HST 2833 History of Firearms/Law Dev .....	3
<b>MAXIMUM HOURS POSSIBLE- INCLUDING ALL ELECTIVES</b> .....	<b>93-94</b>

### SUGGESTED COURSE SEQUENCE

	Credit Hours
<b>FIRST SEMESTER</b> .....	<b>18</b>
ORI 1011 New Student Orientation .....	1
GS 1123 Technical Mathematics .....	3
(or) MTH 1513 College Algebra	
GS 1001 Basic Firearm Maintenance .....	1
GS 1012 Gun Bluing .....	2
GS 1113 Gunsmithing Theory I .....	3
GS 1213 Bench Metal Work .....	3
GS 1313 Machine Tool Practices .....	3
GS 1512 Blueprint Reading .....	2
<b>SECOND SEMESTER</b> .....	<b>16</b>
BM 1403 Business Math .....	3
GS 1122 Gunsmithing Theory II .....	2
GS 1223 General Metals .....	3
GS 1324 Machine Metal Work I .....	4
GS 1521 Gun Store Management .....	1
GS 1613 Riflesmithing .....	3
<b>THIRD SEMESTER</b> .....	<b>18</b>
GVT 1113 American Fed. Government .....	3
ENG 1113 English Comp I .....	3
GS 2023 Metal Finishing .....	3
GS 2133 Repairing of Firearms I .....	3
GS 2623 Stockmaking I .....	3
GS 2653 Adv. Gunsmithing Theory .....	3
<b>FOURTH SEMESTER</b> .....	<b>14</b>
HST 1483 US History to 1865 .....	3
(or) HST 1493 US History since 1865	
ENG 1213 English Comp II .....	3
(or) SPC 1113 Fundamentals of Speech	
GS 2142 Repairing of Firearms II .....	2
GS 2333 Machine Metal Work II .....	3
GS 2633 Pistolsmithing .....	3
*GS Elective(s) Leads to a Workforce Certificate	
<b>GUNSMITHING TECHNOLOGY ADDITIONAL COURSES:</b>	
<b>Fall Semester</b> .....	<b>14</b>
GS 2042 Production Bluing .....	2
GS 2153 Adv. Firearms Repair .....	3
GS 2603 Riflesmithing II .....	3
GS 2983 Adv. Gunsmithing Applications .....	3
BM 2553 Small Business Management .....	3
<b>Spring Semester</b> .....	<b>13</b>
GS 2684 Applied Stockmaking .....	4
GS 2693 Adv. Firearms Repair II .....	3
GS 2993 Adv. Gunsmithing Applications II .....	3
BM 2613 Business Ethics .....	3

This is a suggested course sequence only. Students may need more than four semesters to complete an Associate in Applied Science Degree.

### PROGRAM OVERVIEW

This program is designed to teach the student a wide range of techniques used in the field of Gunsmithing. Skills developed with these techniques will provide the student with the basic knowledge to perform gun repairs, maintenance, understand technical drawings, operate conventional and CNC machine tooling, customize and alter firearms, apply various firearms finishes, manufacture parts/tooling, understand gun store management, perform gunstock work, heat/treat and cryogenically process metals and acquire NRA Range Safety Officer training.

Since there are very limited colleges teaching Gunsmithing throughout the United States, the demand for graduates should be excellent for many years to come.

Students seeking to enroll in Gunsmithing at Murray State College must apply to both the MSC Registration and MSC Gunsmithing Department. Enrollment is limited.

### CAREER OPPORTUNITIES

- Personal Computer Technical Support
- Computer Help Desk Support
- Database Manager
- Office Management

### GENERAL COLLEGE PREPARATORY REQUIREMENTS

MSC evaluates students for placement into either transitional or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by ACT test scores or by COMPASS test scores. These tests are administered in the Testing Centers at MSC Tishomingo or UCSO Ardmore. Based upon the scores, some or all of the following seven (7) courses may need to be taken:

MTH 0103 Introductory Math  
MTH 0303 Beginning Algebra

ENG 0303 Basic English I  
ENG 0403 Basic English II

ENG 0103 Reading I  
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