

GUNSMITHING

Firearms Repair Associate in Science Degree

Required Core Courses: 42 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 50.1	Recoil Pad & Sling Swivel Installation	1	
GSS 50.3	Open and Optical Sight Installation	1	
GSS 51.1	Stock Inletting		1
GSS 51.5	Glass Bedding for Strength & Accuracy		1
GSS 51.6	Wood Stock Finishing		1
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.3	Gas Tungsten Arc Welding for Gunsmiths 2	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
GSS 56.3	Bolt Action Barrel Fitting		1
GSS 57.1	Bolt Action Breeching and Headspace		1
GSS 57.3	Action and Bolt Modifications		1
GSS 59.2	Metal Preparation for Refinishing & Caustic Bluing	1	
GSS 62.4	Correcting Oversize Firing Pin Holes		1
GSS 64.1	Composition Stock Fitting, Bedding & Finishing		1
	General Education Requirement	3	6
	Total	16	14

GUNSMITHING

Firearms Repair Associate in Science Degree

(Continued)

Course Number	Course Title	Fall	Spring
SECOND YEAR			
GSS 60.1	DFR Recoil Operated Auto Shotguns	1	
GSS 60.2	DFR Gas Operated Auto Shotguns	1	
GSS 60.4	DFR Pump Shotguns	1	
GSS 61.1	DFR Single Action Revolvers	1	
GSS 61.2	DFR Smith & Wesson Revolvers	1	
GSS 61.3	DFR Colt Revolvers	1	
GSS 62.3	Misfire Correction		1
GSS 66.2	Revolver Barrel Fitting and Ranging	1	
GSS 67.1	Blowback Principle	1	
GSS 68.1	DFR Locked Breech Single Action Auto Pistols	1	
GSS 68.2	DFR Locked Breech Double Action Auto Pistols	1	
GSS 68.3	DFR Blowback Auto Pistols	1	
GSS 69.1	DFR Auto Rifles		1
GSS 69.2	DFR Pump Rifles		1
GSS 69.3	DFR Lever Action Rifles		1
GSS 70.1	DFA Triggers 1	1	
GSS 71.1	DFR .22 Autos		1
GSS 71.2	DFR Bolt Action .22's		1
GSS 71.3	DFR Pump and Lever Action .22's		1
GSS 71.4	DFR Marlin Model 39		1
GSS 75.2	Firearm Laws and Regulations		1
	General Education Requirement	3	6
	Total	15	15

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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GUNSMITHING

General Gunsmithing Associate in Science Degree

Required Core Courses: 42 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 50.1	Recoil Pad & Sling Swivel Installation	1	
GSS 50.3	Open and Optical Sight Installation	1	
GSS 51.5	Glass Bedding for Strength & Accuracy		1
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.3	Gas Tungsten Arc Welding for Gunsmiths 2	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
GSS 55.4	Stock Refinish and Repair		1
GSS 56.1	Headspace		1
GSS 56.3	Bolt Action Barrel Fitting		1
GSS 57.3	Action and Bolt Modifications		1
GSS 58.2	Pressure and Pillar Bedding		1
GSS 59.2	Metal Preparation for Refinishing & Caustic Bluing	1	
GSS 62.4	Correcting Oversize Firing Pin Holes		1
GSS 64.1	Composition Stock Fitting, Bedding & Finishing		1
	General Education Requirement	3	6
	Total	16	14

GUNSMITHING

General Gunsmithing Associate in Science Degree

(Continued)

Course Number	Course Title	Fall	Spring
SECOND YEAR			
GSS 60.4	DFR Pump Shotguns	1	
GSS 61.1	DFR Single Action Revolvers	1	
GSS 62.3	Misfire Correction		1
GSS 63.5	Double Guns, Hinge Pins and Headspace		1
GSS 67.1	Blowback Principle	1	
GSS 69.3	DFR Lever Action Rifles		1
GSS 70.1	DFA Triggers 1	1	
GSS 71.1	DFR .22 Autos		1
GSS 73.2	Spring Making	1	
	Required Electives	6	6
	General Education Requirement	3	6
	Total	14	16

Required Electives: 12 units

Any GSS courses numbered 49 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

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GUNSMITHING

Gunsmith Machinist and Metal Finishing Certificate of Completion

Required Core Courses: 16 Units

Total Units: 16 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 50.1	Recoil Pad & Sling Swivel Installation	1	
GSS 50.3	Open and Optical Sight Installation	1	
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.3	Gas Tungsten Arc Welding for Gunsmiths 2	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
GSS 59.2	Metal Preparation for Refinishing & Caustic Bluing	1	
GSS 59.3	Parkerizing	1	
GSS 59.4	Color Case Hardening	1	
GSS 59.9	Alternative Metal Finishing	1	
	Total	16	

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GUNSMITHING

Long Gun Certificate of Completion

Required Core Courses: 17 Units

Total Units: 17 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 51.6	Wood Stock Finishing		1
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
	Total	9	1
SECOND YEAR			
GSS 60.1	DFR Recoil Operated Auto Shotguns	1	
GSS 60.2	DFR Gas Operated Auto Shotguns	1	
GSS 60.4	DFR Pump Shotguns	1	
GSS 66.1	Non-Bolt Action Rifle Barrel Fitting		1
GSS 69.1	DFR Auto Rifles		1
GSS 69.2	DFR Pump Rifles		1
GSS 69.3	DFR Lever Action Rifles		1
	Total	3	4

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GUNSMITHING

Pistolsmith Certificate of Completion

Required Core Courses: 17 Units

Total Units: 17 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 52.1	Gunsmith Machining 1	1	
GSS 52.2	Gunsmith Machining 2	1	
GSS 52.3	Gunsmith Machining 3	1	
GSS 52.4	Gunsmith Machining 4	1	
GSS 52.5	Gunsmith Machining 5	1	
GSS 52.6	Gunsmith Machining 6	1	
GSS 54.1	Oxyacetylene Welding for Gunsmiths	1	
GSS 54.2	Gas Tungsten Arc Welding for Gunsmiths 1	1	
GSS 54.5	Hardening & Tempering of Carbon Steels	1	
	Total	9	
SECOND YEAR			
GSS 61.1	DFR Single Action Revolvers	1	
GSS 61.2	DFR Smith & Wesson Revolvers	1	
GSS 61.3	DFR Colt Revolvers	1	
GSS 66.2	Revolver Barrel Fitting and Ranging	1	
GSS 67.1	Blowback Principle	1	
GSS 68.1	DFR Locked Breech Single Action Auto Pistols	1	
GSS 68.2	DFR Locked Breech Double Action Auto Pistols	1	
GSS 68.3	DFR Blowback Auto Pistols	1	
	Total	8	

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GUNSMITHING

Riflesmith Certificate of Completion

Required Core Courses: 16 Units

Total Units: 16 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
GSS 51.1	Stock Inletting		1
GSS 51.5	Glass Bedding for Strength & Accuracy		1
GSS 51.6	Wood Stock Finishing		1
GSS 55.4	Stock Refinish and Repair		1
GSS 56.1	Headspace		1
GSS 56.3	Bolt Action Barrel Fitting		1
GSS 56.4	Barrel Contouring		1
GSS 57.1	Bolt Action Breeching and Headspace		1
GSS 57.15	Bolt Action Rifle Feeding		1
GSS 57.2	Action Blueprinting		1
GSS 57.3	Action and Bolt Modifications		1
GSS 57.6	Truing Exterior of Action		1
GSS 57.8	Bottom Metal Modifications		1
GSS 58.2	Pressure and Pillar Bedding		1
GSS 62.4	Correcting Oversize Firing Pin Holes		1
GSS 64.1	Composition Stock Fitting, Bedding & Finishing		1
	Total		16

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