

GENERAL TECHNOLOGY, GUNSMITHING, A.A.S. - GSMG

Requirements

Courses	Course Title	Credit Hours
General Education Courses		
ENG 101 or ENG 165	English Composition I Professional Communications	3
MAT 170 or MAT 171	Algebra, Geometry and Trigonometry I Algebra, Geometry and Trigonometry II	3
	Elective Social/Behavioral Sciences (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)	3
	Lab Science/Mathematics (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)	3
	Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)	3
	Subtotal	15
Required Core Subject Area - Primary Specialty		
GSM 101	Gunsmithing I	4
GSM 102	Gunsmithing II	4
GSM 105	Gunsmithing Welding	2
GSM 106	Gunsmith Safety	1
GSM 107	Gunsmith Machine Tool Technology	4
GSM 120	Basic Stockmaking	3
GSM 122	General Repair	3
GSM 222	Handgun Technology	3
	Subtotal	24
Required Core Subject Area - Secondary Specialty		
	Select 12 credits of the following Options A, B, or C:	12
Option A - Machine Tool Technology:		
MTT 120	Machine Tool Print Reading	
MTT 121	Machine Tool Theory I	
MTT 122	Machine Tool Practice I	
MTT 123	Machine Tool Theory II	
MTT 124	Machine Tool Practice II	
MTT 126	Machine Tool Practice III	
MTT 130	Fundamentals of Geometric Dimensions and Tolerances	
MTT 141	Metals and Heat Treatment	
MTT 143	Precision Measurements	
MTT 161	Machine Tool Maintenance Theory	
MTT 222	Tool and Diemaking Practice I	
MTT 224	Tool and Diemaking Practice II	
MTT 250	Principles of CNC	
MTT 251	CNC Operations	
MTT 253	CNC Programming and Operations	
Option B - Welding:		

WLD 103	Print Reading I	
WLD 105	Print Reading II	
WLD 108	Gas Metal Arc Welding I	
WLD 113	Arc Welding II	
WLD 115	Arc Welding III	
WLD 117	Specialized Arc Welding	
WLD 132	Inert Gas Welding Ferrous	
WLD 136	Advanced Inert Gas Welding	
WLD 154	Pipefitting and Welding	
WLD 208	Advanced Pipe Welding	
Option C - Business/ Entrepreneurship:		
ACC 101	Accounting Principles I	
BUS 121	Business Law I	
CPT 101	Introduction to Computers	
MGT 120	Small Business Management	
MKT 101	Marketing	
MKT 135	Customer Service Techniques	
	Subtotal	12
Other Courses Required for Graduation ¹		
	Approved Electives from Options A, B, or C ¹	12
	Subtotal	12
Total Hours		63

¹ Students may use credits in this section to develop a third technical specialty or to enhance the primary and secondary specialties.