

# GENERAL TECHNOLOGY, WELDING CONCENTRATION, A.A.S. - WLDG

## Requirements

Courses	Course Title	Credit Hours
<b>General Education Courses</b>		
ENG 101	English Composition I	3
or ENG 165	Professional Communications	
Select a Mathematical Requirement ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> ) or one of the following courses:		3
MAT 155	Contemporary Mathematics	
MAT 170	Algebra, Geometry and Trigonometry I	
MAT 171	Algebra, Geometry and Trigonometry II	
Elective Social/Behavioral Sciences ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Lab Science/Mathematics ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Elective Humanities/Fine Arts ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Subtotal		15
<b>Required Core Subject Areas</b>		
WLD 102	Introduction to Welding	2
WLD 103	Print Reading I	1
WLD 105	Print Reading II	1
WLD 108	Gas Metal Arc Welding I	4
WLD 113	Arc Welding II	4
WLD 115	Arc Welding III	4
WLD 136	Advanced Inert Gas Welding	2
WLD 142	Maintenance Welding	3
Subtotal		21
<b>Secondary Speciality</b>		
MTT 120	Machine Tool Print Reading	3
MTT 121	Machine Tool Theory I	3
MTT 122	Machine Tool Practice I	4
MTT 143	Precision Measurements	2
Subtotal		12
<b>Other Courses Required for Graduation</b>		
WLD 117	Specialized Arc Welding	4
WLD 132	Inert Gas Welding Ferrous	4
WLD 154	Pipefitting and Welding	4
WLD 208	Advanced Pipe Welding	3
WLD 229	Inert Gas Welding Pipe II	2

Subtotal	17
Total Hours	65

\* Students wishing to pursue an alternate secondary speciality should consult with their Academic Advisor.

## Electives (Minimum of 12 Credits)

Students may use credits in the Industrial Technology curricula section to develop a third technical speciality or to enhance the primary and secondary specialities.