



TECHNICAL SCHOLARS Welding Program

Students who completed the Advanced Welding Certificate were considered for employment at the following companies:

EnviroSep (pipe welder)
\$18 per hour

Canfor/New South
(Welder/Millwright Internship)
\$14 - \$15 per hour

EnviroSep
\$16 - \$24 per hour

Combraco (welder)
\$15 - \$16 per hour

Ballard Iron (welder)
\$14 - \$15 per hour

CONTACTS

If you need additional information, please contact your high school counselor or:

Horry-Georgetown Technical College Advanced Manufacturing & Industrial Technologies

Brandon Haselden	843-349-7886
AVP/Academic Dean	
Jeff Ball Chair	843-349-7875
Terry Smith Assistant Chair	843-349-3625
Tim Coggins Assistant Chair	843-349-7878

Horry County Schools

Benjamin Hardee	843-488-6990
Director of Career & Technology Education	
Elisha Caudill	843-488-6948
Coordinator Career Technology Education	

MORE INFORMATION

Watch these videos on YouTube:

HCS & HGTC Welding Program
[youtube.com/watch?v=LSSm4eTWYjE](https://www.youtube.com/watch?v=LSSm4eTWYjE)

Welding Program Gets HCS Students Way Ahead!
[youtube.com/watch?v=U3uDVgU9wiE](https://www.youtube.com/watch?v=U3uDVgU9wiE)



TECHNICAL SCHOLARS Welding Program



Careers in Welding
careersinwelding.com



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The Technical Scholars Welding Program

Started in Fall of 2014 as a partnership between Horry County Schools (HCS) and Horry-Georgetown Technical College (HGTC), the Technical Scholars Welding Program is designed for high school seniors.

The program consists of 12 semester hours in the fall and 12 semester hours in the spring. Horry County Schools, following the district dual enrollment guidelines, will cover the tuition costs for the fall and spring semesters for those students enrolled in the program. Students who wish to develop their skills further can complete an additional ten semester hours during the summer session and receive an Advanced Welding Technologies Certification from HGTC, but the additional summer session tuition is not covered by HCS.

"The Technical Scholars Welding Program allowed my son to not only graduate with a high school degree, but with a welding certificate. It's a win, win!"

~ Bill & Amy McKeaige, parents of a former Technical Scholars student

"The Technical Scholars Welding Program provided me with the skills I needed to place me in the workplace immediately after high school. I am now doing what I love and making a good living."

~ Noah McKeaige, Former Advanced Welding Technical Scholars student

PROGRAM ADVANTAGES

- Receive college credit
- Earn an Advanced Welding Certification
- Prepare students for the AWS Certification
- Meet the local demands of industry
- Enhance employment opportunities

REQUIRED SCORES FOR ENROLLMENT IN TECHNICAL SCHOLARS WELDING PROGRAM

	New SAT		ACT	
	Critical Reading	Math	Reading	Math
Welding	300	350	12	15

If you do not have SAT or ACT scores, your counselor will submit your high school transcript for a Multiple Measure Review.

English Average – English 1,2,3 must be 70 or above
Math Average – Algebra 1, Geometry, Algebra 2 must be 70 or above, and students must have a 2.6 unweighted GPA in order to apply.

The welding program is designed to provide entry-level training and practical skills in Oxy-Acetylene cutting and brazing, SMAW (Arc), GMAW (MIG), FCAW (Flux Core) and GTAW (TIG) in ferrous and non-ferrous metals, including purge welding and sanitary process pipe. In addition, this program prepares students for the American Welding Society (AWS) performance certifications. Enrollment is currently limited to 18 students based upon time of application and acceptance by HGTC. Please see your counselor to obtain the Technical Scholars/Dual Enrollment Application booklet.

ADVANCED WELDING TECHNOLOGIES Certificate

First Semester - Fall

Prefix	Number	Course Title	Credits
WLD	103	Print Reading 1	1
WLD	106	Gas & Arc Welding	4
WLD	110	Welding Safety & Health	1
WLD	111	Arc Welding I	4
WLD	201	Welding Metallurgy	2

Second Semester - Spring

Prefix	Number	Course Title	Credits
WLD	113	Arc Welding II	4
WLD	132	Inert Gas Welding Ferrous	4
WLD	154	Pipe Fitting & Welding	4

Third Semester - Summer

Prefix	Number	Course Title	Credits
WLD	134	Inert Gas Welding Non-Ferrous	3
WLD	140	Weld Testing	1
WLD	228	Inert Gas Welding Pipe I	4
WLD	229	Inert Gas Welding Pipe II	2