Technical Scholars WELDING PROGRAM

HCS
Horry County Schools

HORRY GEORGETOWN
TECHNICAL COLLEGE

www.HGTC.edu

Advantages of the Technical Scholars Program

- Earn credits now that apply to high school and college certificate requirements;
- Provide a smooth transition from high school to college;
- Ability to obtain national certification to assist with job placement opportunities upon graduation; and
- Reduce overall college costs significantly.

What is the Technical Scholars Welding Program?

- Designed for high school seniors.

- Eligible students must be able to complete their high school graduation requirements within the parameters of the program (2 courses at the high school per semester) and meet admissions requirements through Horry-Georgetown Technical College.

- The program consists of twelve semester hours in the fall and twelve 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 Certificate from HGTC. (The summer session will not offer high school credits and tuition is not covered by HCS.)

- The time frame for the courses for the fall and spring semesters will be 8:00 am - 11:00 am Monday-Friday.

- 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 of sanitary process pipe.

- In addition to preparing students for the American Welding Society (AWS) Welder Performance Certifications, students will also learn shop and site safety practices, blue print reading, principles of metallurgy, construction math, hand and power tool usage and basic layout techniques used in the fabrication industry.

- Enrollment is currently limited to 17 students based upon time of application and acceptance by HGTC.

How to Enroll in the Technical Scholars Program

1. Students should contact their high school Guidance Counselor to obtain the Technical Scholars/Dual Enrollment Application Packet.

2. Complete an HGTC Dual Enrollment Application for Admission and return it to your High School Counselor. The SC residency section on the application must be completed.

3. Submit the completed FAFSA Waiver with required signatures to your High School Counselor.

4. Submit ACT, SAT, or Accuplacer test scores. Schedule an appointment with the testing center. After testing, turn in your scores to your school counselor.

5. Work with your High School Guidance Counselor to select the courses for registration.

6. Complete the Academic Testing & Course Recommendation section of the Dual Enrollment Application. Your school counselor or home-school parent will complete and sign this section.

7. Review and sign the HGTC Dual Enrollment Attendance Agreement on page 4 of the application. Student and parent or guardian must sign the agreement.

In order to be eligible, students must be able to complete his/her high school graduation requirements within the parameters of the program (two courses at the high school per semester) and meet admissions requirements through HGTC.

Certificate: ADVANCED WELDING TECHNOLOGIES					
First Semester – Fall					
Prefix	**Number**	**Course Title**	**Lecture**	**Lab**	**Credits**
WLD	103	Print Reading I	1	0	1
WLD	106	Gas and Arc Welding	2	6	4
WLD	110	Welding Safety and Health	1	0	1
WLD	111	Arc Welding I	2	6	4
WLD	201	Welding Metallurgy	2	0	2
Total Semester Hours			**8**	**12**	**12**
Second Semester – Spring					
Prefix	**Number**	**Course Title**	**Lecture**	**Lab**	**Credits**
WLD	113	Arc Welding II	2	6	4
WLD	132	Inert Gas Welding Ferrous	2	6	4
WLD	154	Pipe Fitting and Welding	2	6	4
Total Semester Hours			**6**	**18**	**12**
Third Semester – Summer					
Prefix	**Number**	**Course Title**	**Lecture**	**Lab**	**Credits**
WLD	134	Inert Gas Welding Non-Ferrous	1	6	3
WLD	140	Weld Testing	1	0	1
WLD	228	Inert Gas Welding Pipe I	2	6	4
WLD	229	Inert Gas Welding Pipe II	1	3	2
Total Semester Hours			**5**	**15**	**10**
PROGRAM TOTALS			**19**	**45**	**34**