



Welding Department

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Dear Welding Applicant,

Welcome, we are very proud of the excellent Welding Technology Program offered here at TSTC, and we are glad you wish to be a part of it! The enclosed packet of information has been prepared to help guide you through the application process. Because admission to the Welding Technology Program is extremely competitive, we suggest a meeting with either Kenny Moore, Department Chair of the Welding Program (956-364-4814, Kenny.moore@harlingen.tstc.edu), or one of the Welding Technology faculty to clarify admission requirements. The program requires that you complete **the TSTC Admissions** requirements before applying into the program. Students must **also** take the **Welding Career Entrance Survey and Program Application** to be considered eligible candidates for the Welding Technology Program. The program is a one to two-year program and after completion of the program you will receive either a Welding Certificate or an Associate of Applied Science Degree in Welding. To set up an appointment, call Daisy Garza at (956) 364-4632. We are looking forward to working with you!

Sincerely,

Kenny Moore
Chairman of the Welding Technology Program Selection Committee

WELDING TECHNOLOGY CERTIFICATE PLAN

			Lec	Lab	Cont	Credit
Semester 1						
WLDG	1313	Introduction to Blueprint Reading for Welders	2	2	64	3
WLDG	1430	Introduction to Gas Metal Arc Welding (GMAW)	2	6	128	4
WLDG	1323	Welding Safety, Tools, & Equipment	3	0	48	3
WLDG	1421	Introduction to Welding Fundamentals †	2	6	128	4
Total Hours			9	14	368	14
Semester 2						
WLDG	1317	Introduction to Layout & Fabrication	2	4	96	3
		Speech Elective †	3	0	48	3
WLDG	1434	Introduction to Gas Tungsten Arc Welding (GTAW)	2	6	128	4
WLDG	1457	Intermediate Shielded Metal Arc Welding (SMAW)	2	6	128	4
Total Hours			9	16	400	14
Semester 3						
WLDG	1412	Introduction to Flux Cored Arc Welding (FCAW)	2	6	128	4
WLDG	1435	Introduction to Pipe Welding	2	6	128	4
WLDG	2443	Advanced Shielded Metal Arc Welding (SMAW)	2	6	128	4
Total Hours			6	18	384	12
Grand Totals			24	48	1152	40

Notes

° This course has been designated as the capstone course

† Courses articulated with high schools

WELDING TECHNOLOGY DEGREE PLAN

Associate of Applied Science Degree - 2012				Lec	Lab	Cont	Credit
Semester 1							
WLDG	1313	Introduction to Blueprint Reading for Welders	2	2	64	3	
WLDG	1430	Introduction to Gas Metal Arc Welding (GMAW)	2	6	128	4	
WLDG	1323	Welding Safety, Tools, & Equipment	3	0	48	3	
WLDG	1421	Introduction to Welding Fundamentals †	2	6	128	4	
Total Hours			9	14	368	14	
Semester 2							
WLDG	1417	Introduction to Layout & Fabrication	2	6	128	4	
WLDG	1434	Introduction to Gas Tungsten Arc Welding (GTAW)	2	6	128	4	
WLDG	1457	Intermediate Shielded Metal Arc Welding (SMAW)	2	6	128	4	
Total Hours			6	18	384	12	
Semester 3							
		Speech Elective †	3	0	48	3	
WLDG	2443	Advanced Shielded Metal Arc Welding (SMAW)	2	6	128	4	
WLDG	1412	Introduction to Flux Cored Arc Welding (FCAW)	2	6	128	4	
WLDG	1435	Introduction to Pipe Welding	2	6	128	4	
Total Hours			9	18	432	15	
Semester 4							
WLDG	1337	Introduction to Welding Metallurgy	2	2	64	3	
ENGL	1301	Composition I †	3	0	48	3	
WLDG	2453	Advanced Pipe Welding	2	6	128	4	
MATH	1332	Contemporary Mathematics I † *	3	0	48	3	
Total Hours			10	8	288	13	
Semester 5							
WLDG	2413	Intermediate Welding Using Multiple Processes °	2	6	128	4	
WLDG	2435	Advanced Layout and Fabrication	2	6	128	4	
NDTE	2311	Preparation for Welding Inspection	2	2	64	3	
		Humanities/Fine Arts Elective	3	0	48	3	
		Social/Behavioral Sciences Elective	3	0	48	3	
Total Hours			12	14	416	17	
Grand Totals			46	72	1888	71	

Notes

* MATH 1332 or MATH 1314

Welding Technology Cost Estimate Sheet For Certificate

Semester	Credit Hrs	Insurance	Designated Tuition	Textbooks and Supplies	Tools & Equipment	Semester Total
1	14	\$56.00	\$2,002.00	\$250.00	\$550.00	\$2,858.00
2	14		\$1,716.00	\$100.00	\$150.00	\$ 1,966.00
3	12	\$199.32	\$2,145.00	\$100.00	\$250.00	\$ 2,694.32
Totals	40	\$255.32	\$5,863.00	\$450.00	\$950.00	\$7,518.32

Welding Technology Cost Estimate Sheet For AAS Degree

Semester	Credit Hrs	Insurance	Designated Tuition	Textbooks and Supplies	Tools & Equipment	Semester Total
1	14	\$56.00	\$2,002.00	\$250.00	\$550.00	\$2,858.00
2	12		\$1,716.00	\$100.00	\$150.00	\$ 1,966.00
3	15	\$199.32	\$2,145.00	\$100.00	\$250.00	\$ 2,694.32
4	13	\$56.00	\$1,859.00	\$200.00	\$100.00	\$ 2,215.00
5	17		\$2,431.00	\$200.00	\$200.00	\$ 2,831.00
Totals	71	\$311.32	\$10,153.00	\$850.00	\$1,250.00	\$12,564.32

**GENERAL INFORMATION AND COMMON QUESTIONS REGARDING
FY 2014 ADMISSION INTO THE TEXAS STATE TECHNICAL COLLEGE
WELDING TECHNOLOGY PROGRAM**

(**DISCLAIMER:** The Welding Technology Program reserves the right to make changes to the admissions criteria at any time it deems necessary)

APPLICANT POOL

The program is highly competitive, with the number of applicants varying each year from 150-200. We can accept up to 50 students. Acceptance is strictly based on the objective selection criteria outlined on page six of this packet, with only qualified applicants being accepted.

WHAT ARE MY CHANCES OF GETTING ACCEPTED?

There is a minimum grade point average of 2.0 needed in order to apply. Admission to the Welding Technology Program is highly competitive.

COSTS

The cost of the entire Welding Technology Program for Texas residents is approximately \$13,000 for AAS. This figure includes tuition and fees, parking, materials, books and supplies, and the dTAP (Tetnus), meningitis vaccination, liability and health and accident insurance.

CURRICULUM SCHEDULE

You should expect to be in class from 8:00-5:00 Monday through Friday. If you transfer courses into the program you have a lighter schedule but the Certificate of Completion or AAS Degree is not shorter.

PREVIOUS WELDING EXPERIENCE

No prior work experience in any welding field is necessary to be considered for admissions. Graduation from a High School Welding Program **or** two years or more experience as a welder adds to the applicant's total selection score.

FINANCIAL AID

Many students obtain some form of financial aid, usually as loans or grants. You should understand that Financial Aid grants may not cover all of the program costs, and it may be necessary to take out student loans. You may call the Financial Aid office at 956.364.4332 for information on application for financial aid.

WHAT SALARY CAN I EXPECT AS A WELDER?

Depending on the geographic location in Texas, you may expect to earn from \$18-26 an hour as a **new** graduate in a private industry. Surveys have shown there is high demand for Welders in the Rio Grande Valley, and an extremely high demand for Welders outside the immediate area.

WILL CLASSES FROM ANOTHER SCHOOL TRANSFER?

Transfer credit (within the past 5 years) in general education and welding courses are evaluated by the Welding Technology Department Chair for which the Director of Admissions requests the transfer credit, with final approval. Only grades of "C" or above may be used for transfer credit. Proper forms, available at the Admissions Office, must be completed in order for transfer credit to be awarded. At the present time, there is no credit by examination for courses.

ARE THERE ADDITIONAL PREREQUISITE CLASSES NOT LISTED IN THE CURRICULUM?

Effective Fall 2013, there are changes that affect the curriculum for the Welding Technology Program. TSTC 1101 is now a mandatory class that must be taken before the 3rd or Spring Semester unless you have 24 credit hours of previous college experience or have taken HRPO 1311.

TEXAS STATE TECHNICAL COLLEGE HARLINGEN WELDING TECHNOLOGY PROGRAM ACCEPTANCE POLICY FOR THE CLASS OF 2014

Notice: It is important for prospective Welding Technology Program students to understand that meeting admission requirements to be admitted to TSTC-Harlingen as a general student with a WLT major code does not mean that the student has been accepted for full continuance in and completion of the WLT program. **Applicants for the WLT program must ALSO make a formal application to the Welding Program by June 20, 2014 and fulfill all other requirements described below to be considered as an applicant.** Approximately 50 WLT students will be officially accepted to complete the WLT Program and be allowed to take WLT prefix courses.

DISCLAIMER: The WLT program reserves the right to make changes to the admissions criteria at any time it deems necessary.

The following steps are involved in acceptance/continuance in the WLT program:

STEP 1 Complete Admissions Requirements for New Students: As applicable for AAS Degree

Admissions Application

Complete at the Student Recruitment Office, 956/364-4117, Student Services Center or at www.harlingen.tstc.edu/apply

This application is in addition to the Welding Technology Application. Please note that International students have additional requirements.

Submit Proof of Bacterial Meningitis Vaccination: (For students under the age of 22)

All new students, transfer students and students who have taken a leave of absence from school in either a fall or spring semester must have received this vaccination during the five-year period immediately preceding and at least 10 days prior to the first day of the semester enrolled or re-enrolled. Submit to the Office of Admissions and Records, 956/364-4320, Student Services Center

Official Transcript(s): (High School, College or GED)

Submit to the Office of Admissions and Records, 956/364-4320, Student Services Center

Provide TSI Assessment Scores (AAS Degree)

Provide scores to Counseling/Testing, 956/364-4310, Student Services Center

Financial Aid (if applicable)

Apply for Financial Aid at the Financial Aid Office, 956/364-4330, Student Services Center or at www.fafsa.ed.gov FAFSA SCHOOL CODE: 009225

Register for and Attend New Student Orientation

Register with your Recruitment Specialist or Call 956/364-4128 for more details.

You can attend New Student Orientation

Live-On Campus or

Online

STEP 2 Take the **Career Interest Exam before June 20, 2014.** The test a nationally normed test developed to measure basic essential skills.

STEP 4 **A completed TSTC Welding Technology Program application must be filed before**

June 20, 2014. NOTE: Prospective applicants are strongly advised to make an appointment and meet with the program chairperson, Kenny Moore. To set up an appointment, call Daisy Garza at (956) 364-4632 to ensure understanding of the application process.

WELDING TECHNOLOGY ACCEPTANCE PROCEDURES:

I. The WLT Program Admissions Committee applies an **objective** program acceptance formula to each applicant’s file in making **all** program acceptance/continuance decisions. *The committee will review only those applicants who have completed both TSTC and Welding Technology Program applications and have taken the Focus 2 exam.* The following formula will result in a composite score used to determine qualified applicants.

II.	Welding Program Selection Factors	Possible Selection Points
	- Complete TSTC Admissions Requirements	1 point
	- Completed Welding Program Application	1 point
	- Completed Career Interest Exam	1 point
	- 1 year of high school course work in welding technology	2 point per year
	- SkillsUSA contestant	4 points
	- 2 or more years (documented) work experience as a Welder.	6 points

Total Points = Selection Score

III The applicants with the **highest selection scores** will be offered acceptance into the WLT Program. The Department Chair will notify applicants who are accepted in writing. Only those applicants receiving this official letter of acceptance/continuance will be allowed to register for the WLT prefix courses and continue the program plan. In the case of a tie, the candidate with the highest GPA based on general college courses will receive admission into the program.

IV All other WLT majors and applicants **not** accepted for acceptance/continuance in the program must re-apply to the WLT Program for the next annual WLT class to be evaluated and selected. No preference will be given to applicants from one year to the next.

V. **Alternate List**

Students who meet the qualifications for the WLT Program but are **not** among the top 50 may be placed on the alternate list in rank order based on the formula score. In the event that an applicant who is accepted declines the position in the class, the first available applicant on the alternate list will be offered this position.

Applicants on the alternate list who are not ultimately offered a position in the current year’s class, and who wish to re-apply for the next year’s class will be expected to complete a new application with the WLT Program. Those students placed on the alternate list will **not** receive any preferential selection due to their prior status on the alternate list.

VI. **Non-Acceptance**

Applicants who are not selected for acceptance/continuance by the WLT Selection Committee are sent official letters to that effect by the Department Chair and the Selection Committee Chairman.

All applicants not accepted will be offered the opportunity for academic counseling with a member of the WLT faculty to discuss ways to improve future application scores. However, this counseling does not provide any guarantees that the applicant will be accepted in the future.

VII. **Summary of Selection Process for Welding Program Acceptance/Continuance**

Step 1 Admissions Office receives completed TSTC application form and transcripts.

Step 2 Complete TSI Testing as applicable for AAS Degree

Step 3 Applicant takes **Career Entrance Exam**

Step 4 Applicant completes WLT application from the WLT Program

PLEASE NOTE: The WLT Application is separate from the College application.

You must apply to both to be considered.

Step 5 WLT Selection Committee selects the top 50 applicants based on program acceptance formula.

Step 6 Letters of Acceptance/Denial/Alternate List status are mailed out to applicants.

Step 7 Accepted students return their letters of acceptance.

Step 8 Applicants on the Alternate List will be offered positions in the current class as they become available.

Step 10 Applicants **not** selected for the current year **MUST** re-apply to the WLT Program the following year if they would like to be considered.

Welding Technology Program Requirement Checklist

STUDENT NAME _____ **Date** _____
Student signature _____

Shot record to include the following:

- _____ **Tetanus-Diphtheria or dTap within past 10 years (Before first class day)**
- _____ **Meningitis**

NEEDED BY FIRST DAY OF CLASS EVERY SEMESTER:

PROOF OF INSURANCE: (Invoice from TSTC Business Office)

- _____ **Health and Accident**

Other:

- _____ **Books for WLT courses**

**TEXAS STATE TECHNICAL COLLEGE HARLINGEN
WELDING TECHNOLOGY PROGRAM
2014 APPLICATION FORM**

(Please type or print in black ink both sides of this form)

Date of application _____/_____/_____

Social Security Number _____ - _____ - _____

I. BACKGROUND INFORMATION

Date of Birth _____ Male Female

Name _____
(Last) (First) (MI) (Maiden)

Current Mailing Address: _____
(Street) (City) (State) (Zip)

E-mail address _____

Current telephone _____ Cell Phone _____

Permanent Address _____
(Street) (County) (City) (State) (Zip)

Have you passed the TSI as applicable for AAS Degree or its equivalent? YES NO _____ WHEN?

(OFFICIAL SCORES MUST BE SUBMITTED WITH APPLICATION)

Have you taken the Career Interest Exam? _____ Score

II. WELDER EMPLOYMENT HISTORY

Employer	City/State	Position	Dates
_____	_____	_____	_____ to _____
_____	_____	_____	_____ to _____

WELDER EMPLOYMENT MUST BE DOCUMENTED BY EMPLOYER LETTER INCLUDING DATES.

III. EDUCATION BACKGROUND

In the space below, list ALL schools (high school and/or college) you have attended.

Name of School	City	State	Dates of Attendance MO/YR to MO/YR	Degree OR Sem./Qtr. Hrs.
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Certifications: _____

SkillsUSA: _____

DOCUMENTATION REQUIRED FOR CERTIFICATIONS AND SKILLSUSA INFORMATION

IV. COURSES TAKEN

You will need to support this information with transcript documentation.

	Course Title	Grade received	Year taken	Name of School

I understand that the Admissions Committee will not regard this application as “complete” until all supporting papers have been received; therefore, it is to my interest to see that these are submitted as promptly as possible. It is also my understanding that official transcripts sent directly from each school I have attended must be received by the Admissions Office as soon as possible at the end of each successive semester or quarter for as long as my application is being considered.

I understand that as a Welding Student, at Texas State Technical College, I will not hold TSTC Harlingen responsible for injury sustained during my welding experience in the classroom or lab. As a student, I am to carry my own medical and accident insurance. Proof of such insurance must be kept on file in the WLT Program Office. I also understand that as a WLT Student I will be required to obtain the Tetanus and Meningitis vaccinations as required by the Texas State Technical College.

I further understand that officials of Texas State Technical College determining my status for admission will rely upon the information submitted herein. I certify that the information in this application is complete and correct and I understand that the submission of false information is grounds for rejection of my application, withdrawal of any offer of acceptance, cancellation of enrollment, or appropriate disciplinary action.

Signature of Applicant

Date

This completed Welding Technology Program application form must be received at TSTC before June 20, 2014.

Mail to:

**Texas State Technical College Welding Technology Program
Kenny Moore, Chairman of the Selection Committee
1902 N. Loop 499
Harlingen, TX 78550**