

Steps to Admission

- SUBMIT YOUR APPLICATION through GoApplyTexas.org**
For assistance completing the application, contact Recruitment at recruiting@lee.edu or call 281.425.6260.
- APPLY FOR FINANCIAL AID**
FAFSA: Visit www.studentaid.gov to complete your federal application, OR TASFA (Texas Application for State Financial Aid)
For more information, visit:
<https://www.lee.edu/financialaid/applying/>
- SUBMIT YOUR OFFICIAL TRANSCRIPTS and MENINGITIS VACCINATION**
Send transcripts to the Admissions Office, P.O. Box 818, Baytown, TX 77522
 - o High school transcript OR GED
 - o All College Transcripts
 - o Valid Meningitis Vaccination for students under 22 years of age is required.
- SEEK ACADEMIC ADVISEMENT**
 - o Determine your pathway
 - o Determine testing needs
 - o Meet with your advisor
- ATTEND NEW STUDENT ORIENTATION (NSO)** Required for first-time college students.
 1. Online module (you must use your Lee College student ID)
Access the online module at www.lee.edu/go/onlinenso/.
 2. Live orientation will take place on campus.
- WAYS TO PAY**
 - o Full Payment Online (myLC Portal)
 - o Payment Plan
 - o In-Person (Business/Cashier Office)
For more information, visit <https://www.lee.edu/businessoffice/>
- Apply for Lee College Foundation Scholarships**
Once you have completed the admissions application and received your student ID number, you may apply for scholarships. Check out our scholarships at <http://lee.academicworks.com>.

Employment Outlook

Welders usually work from blueprints or drawings. Welders permanently join metal parts of ships, automobiles, spacecraft, buildings, bridges, and other structures. They apply heat to the pieces to be joined, melting and fusing them to form a permanent bond.

Most welders work for manufacturers of durable goods such as boilers, construction equipment, motor vehicles, machinery, ships, appliances, and other metal products. Welders construct bridges, large buildings, pipelines, tunnels, and shipyards.

Opportunities are available in petrochemical manufacturing, contracting, and numerous other industries. Demand for welders will probably increase over the next several years with large construction and expansion projects being announced by the petrochemical industry in our area. Since welders are needed for many different industries, welders also have the ability to transfer to other industries when they are in high demand or leave declining industries. Jobs are not threatened by automation in comparison to others, as welding will always require skilled workers to operate machines and ensure that products are safe.

Technical Advisor

281.425.6579

McNair@lee.edu

www.lee.edu/learning/locations/mcnair/



LEE COLLEGE

Lee College does not discriminate on the basis of gender, disability, race, color, age, religion, national origin or veteran status in its educational programs, activities, or employment practices as required by Title VII, Title IX, Section 504, ADA, or 34 C.F.R.



MANUFACTURING AND INDUSTRIAL



INDUSTRIAL WELDING TECHNOLOGY

Associate of Applied Science
Certificates of Completion



LEE COLLEGE



CERTIFICATE OF COMPLETION - WH1 WELDING HELPER

17 semester credit hours

WLDG 1200	Introduction to Welding
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW - Plate I)
WLDG 1323 or PFPB 1350	Welding Safety, Tools, and Equipment Plumbing and Pipefitting Equipment and Safety
WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW - Plate II)
WLDG 1313	Introduction to Blueprint Reading for Welders

CERTIFICATE OF COMPLETION - W11 WELDING INSPECTION

14-15 semester credit hours

Foundations

WLDG 1313	Introduction to Blueprint Reading for Welders
WLDG 1337	Introduction to Welding Metallurgy
NDTE 1401	Film Interpretation of Weldments
NDTE 1410	Liquid penetrant/Magnetic particle Testing

Knowledge Building

NDTE 2411	Preparation for Certified Welding Inspector Exam
WLDG 1327	Welding Codes
NDTE 1405	Introduction to Ultrasonics
Elective	Choose from BCIS 1305, WLDG 1312, or WLDG 1428

CERTIFICATE OF COMPLETION - WE1 WELDING TECHNOLOGY

42 semester credit hours

Foundations

WLDG 1200	Introduction to Welding
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW - Plate I)
WLDG 1323 or PFPB 1350	Welding Safety, Tools, and Equipment Plumbing and Pipefitting Equipment and Safety
WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW - Plate II)
WLDG 1313	Introduction to Blueprint Reading for Welders
WLDG 1434	Introduction to Gas Tungsten Arc Welding (GTAW)
WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)
WLDG 1312	Introduction to Flux Cored Arc Welding (FCAW)
WLDG 1337	Introduction to Welding Metallurgy

Knowledge Building

WLDG 1435	Introduction to Pipe Welding
WLDG 2453	Advanced Pipe Welding
WLDG 2451	Advanced Gas Tungsten Arc Welding (GTAW)

ASSOCIATE OF APPLIED SCIENCE - WE2, AAS INDUSTRIAL WELDING TECHNOLOGY

60-61 semester credit hours

Foundations

WLDG 1200	Introduction to Welding
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW - Plate I)
WLDG 1323 or PFPB 1350	Welding Safety, Tools, and Equipment Plumbing and Pipefitting Equipment and Safety
WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW - Plate II)
WLDG 1313	Introduction to Blueprint Reading for Welders
WLDG 1434	Introduction to Gas Tungsten Arc Welding (GTAW)
WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)
WLDG 1312	Introduction to Flux Cored Arc Welding (FCAW)
WLDG 1337	Introduction to Welding Metallurgy

Knowledge Building

WLDG 1435	Introduction to Pipe Welding
WLDG 2453	Advanced Pipe Welding
WLDG 2451	Advanced Gas Tungsten Arc Welding (GTAW)

Completion

ENGL 1301	English Composition I
TECM 1301	Industrial Mathematics
SPCH 1321	Suggested: Business and Professional Communication
Creative Arts	Suggested: ARCH 1311
Life or Physical Science or Math	Suggested: Physics 1405 or Math 1332
SBS	Suggested: PSYC 2301 or SOCI 1301