

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>.

Industrial Systems Technology

The Industrial Systems Technology curriculum is designed to prepare or upgrade individuals to safely service, maintain, repair, or install equipment. Instruction includes theory and skill training needed for inspecting, testing, troubleshooting, and diagnosing industrial systems.

What Will I Learn?

The Industrial Systems Technology program prepares students to service, maintain, repair or install equipment for a wide range of industries. Students will explore areas like electronics, safety and mechanical maintenance fundamentals.

What Can I Do with This Course of Study?

Upon completion of this curriculum, graduates should be able to individually, or with a team, safely install, inspect, diagnose, repair, and maintain industrial process and support equipment. Students will also be encouraged to develop their skills as life-long learners.

For more information, contact

Technical Advisor

281.425.6579

McNair@lee.edu

[www.lee.edu/programs/
industrial-systems](http://www.lee.edu/programs/industrial-systems)



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



LEE COLLEGE

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ASSOCIATE OF APPLIED SCIENCE INDUSTRIAL SYSTEMS TECHNICIAN

Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.

Course	Course Title	Counts Toward
MCHN 1302	Print Reading for Machining Trades	MW1, MC1
MCHN 1438	Basic Machine Shop I	MC1
WLDG 1323	Welding Safety, Tools, and Equipment	MW1 (WLDG or PFPB only)
OR		
PFPB 1350	Plumbing and Pipefitting Equipment and Safety	MC1*
MCHN 1425	Millwright I	MW1
ENGL 1301	Composition	

Knowledge Building: These courses further the students' knowledge in the area of study and increase their preparation for the degree completion.

Course	Course Title	Counts Toward
MCHN 1429	Millwright II	MW1
MCHN 1454	Intermediate Machining II	MC1
MCHN 2403	Fundamentals of Computer Numerical Controlled (CNC) Machine Controls	MC1
MCHN 2405	Millwright III	MW1
CREATIVE ARTS/LPC	Suggested: ARCH 1311	
SPCH	Suggested: SPCH 1321	

Completion: These are the courses the student needs in order to complete the degree plan and prepare to enter the workforce.

Course	Course Title	Counts Toward
SBS/HIST/GOVT PS	Suggested: PSYC 2301 or SOCI 1301	
MCHN 2431	Operations of CNC Turning Centers	

MCHN 2434	Operation of CNC Machining Centers	MC1
HYDR 1345	Hydraulics and Pneumatics	MW1
MCHN 2407	Millwright IV	MW1
MCHN 2412	Millwright V	MW1
Life & Physical Sciences/Math	Suggested: PHYS 1405 or MATH 1332	

NOTE: One additional course not in the degree is required for the MC1 certificate: WLDG 1428 (Introduction to Shielded Metal Arc Welding (SMAW))

CERTIFICATE OF COMPLETION - MC1 MACHINIST

Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.

Course	Course Title	Counts Toward
MCHN 1302	Print Reading for Machining Trades	MC1
MCHN 1438	Basic Machine Shop	MC1
WLDG 1323	Welding Safety, Tools, and Equipment	MC1
OR		
PFPB 1350	Plumbing and Pipefitting Equipment and Safety	
MCHN 2403	Fundamentals of Computer Numerical Controlled (CNC) Machine Controls	MC1

Knowledge Building: These courses further the students' knowledge in the area of study and increase their preparation for the degree completion.

Course	Course Title	Counts Toward
MCHN 1454	Intermediate Machining II	MC1
MCHN 1320	Precision Tools and Measurement	MC1
MCHN 2434	Operation of CNC Machining Centers	MC1
MCHN 2431	Operations of CNC Turning Centers	

CERTIFICATE OF COMPLETION - MW1 MILLWRIGHT

Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.

Course	Course Title	Counts Toward
MCHN 1302	Print Reading for Machining Trades	MW1
MCHN 1425	Millwright I	MW1
WLDG 1323	Welding Safety, Tools, and Equipment	MW1 (WLDG or PFPB only)
OR		
PFPB 1350	Plumbing and Pipefitting Equipment and Safety	

Knowledge Building: These courses further the students' knowledge in the area of study and increase their preparation for the degree completion.

Course	Course Title	Counts Toward
MCHN 1429	Millwright II	MW1
MCHN 2405	Millwright III	MW1

Completion: These are the courses the student needs in order to complete the degree plan and prepare to enter the workforce.

Course	Course Title	Counts Toward
HYDR 1345	Hydraulics and Pneumatics	MW1
MCHN 2407	Millwright IV	MW1
MCHN 2412	Millwright V	MW1

