

COURSE TITLE: Intro to Industrial Maintenance
(INMT 1305_3A1)

CREDIT

3 Semester Credit Hours (2 hours lecture, 2hour Lab)

MODE OF INSTRUCTION

Face to Face

INSTRUCTOR CONTACT INFORMATION

Instructor: Michael Liedy Sr.

Email: mdliedy@lit.edu

Office Phone: 409-782-1996

Office Location: Industrial Maintenance Room #112

Office Hours: Monday / Wednesday 9am-5:30 pm 12pm-5pm Tuesday/
Thursday during semester. By appointment only.



**LAMAR INSTITUTE
OF TECHNOLOGY**

PREREQUISITE/CO-REQUISITE:

(NONE)

COURSE DESCRIPTION

Basic Mechanical skills in the field of industrial maintenance. Topics include measuring instruments and general safety rules common in industry, including Lock out/ Tagout, basic safety knowledge competency testing.

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1. REQUIRED TEXTBOOK NCCER Core Sixth Edition

ATTENDANCE POLICY

1. Missing more than 20% of classes will result in an automatic "F" for the course.
2. Absences are counted for unexcused, excused and coming to class late.
3. Missing more than 20% of a class period will count as an absence.
4. Being tardy 3 times equals 1 absence.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an "F" in the course.

Course Schedule

Week#	Topic	Reference
1/20/26	Course introduction, policies,	Handouts
	<ul style="list-style-type: none">• Quiz	
1/22/26	Basic Basic Safety	
	<ul style="list-style-type: none">• Lecture/ Lab	
2/03/26	Basic Safety Module test	
	<ul style="list-style-type: none">• Lecture/Lab	
	Basic Safety Performance Profile	
2/10/26	Introduction to Construction Math	
	<ul style="list-style-type: none">• Lecture/Lab	
2/12/26	Construction Math Module Test	
2/17/26	Construction Math Performance Profile	
	<ul style="list-style-type: none">• Lecture/Lab	
2/19/26	Introduction To Hand tools	
	<ul style="list-style-type: none">• Lecture/Lab	
2/24/26	Hand Tools Module test	
2/26/26	Hand Tools Performance Profile	
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3/03/26	Introduction To Power tools	
	Lecture/ Lab	
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3/10/26	Power Tools Module Test	

3/17/26 **Power Tools Performance Profile**

3/24/26 **Introduction to Construction Drawings**

Lecture/Lab

3/26/26 **Construction Drawings**

Lecture/Lab

3/31/26 **Construction Drawings Module Test**

4/02/26 **Construction Drawings Performance Profile**

4/07/26 **Introduction to Basic Rigging**

Lecture/ Lab

-4/09/26 **Basic Rigging Module Test**

4/14/26 **Basic Rigging Performance Profile**

4/16/26 **Basic Communication Skills**

Lecture/ Lab

4/21/26 **Basic Communication Skills Module Test**

4/23/26 **Basic Employability Skills**

Lab/ Lecture

4/28/26 **Basic Employability Module Test**

4/30/26 **Basic Employability Performance Profile**

5/05/26 Introduction to Material Handling

Lecture/Lab

5/07 Material Handling Module Test

5/11/26 Material Handling Performance Profile

Calendar dates are subject to change due to unforeseen circumstances.

Check Blackboard for any changes in due dates

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Class Participation		20%
	30%	
Module Test		50%
Total		100%

GRADE SCALE

- 90-100 A
- 80-89.9 B
- 70-79.9 C
- 60-69.9 D
- 0-59.9 F

TECHNICAL REQUIREMENTS

1. The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at <https://lit.edu/online-learning/online-learning-minimum-computer-requirements>. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email specialpopulations@lit.edu. You may also visit the online resource at [Special Populations - Lamar Institute of Technology \(lit.edu\)](https://www.lit.edu/specialpopulations).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

ARTIFICIAL INTELLIGENCE STATEMENT

Lamar Institute of Technology (LIT) recognizes the recent advances in Artificial Intelligence (AI), such as ChatGPT, have changed the landscape of many career disciplines and will impact many students in and out of the classroom. To prepare students for their selected careers, LIT desires to guide students in the ethical use of these technologies and incorporate AI into classroom instruction and assignments appropriately. Appropriate use of these technologies is at the discretion of the instructor. Students are reminded that all submitted work must be their own original work unless otherwise specified. Students should contact their instructor with any questions as to the acceptable use of AI/ChatGPT in their courses

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

ADDITIONAL COURSE POLICIES/INFORMATION

2. **No Cell Phone** use will be allowed in class, unless it is known to the instructor, for a special reasoning.

3. ***All cell phones must be turned off and put away. Text messaging during class time will not be tolerated. Text messaging during an exam will be considered academic dishonesty. The exam will be considered over and the student will receive a zero for the exam.***
4. **No** smoking or use of any **tobacco** products allowed including vapes
5. Do not bring any **food** or **drinks** in class
6. No visitor allowed in class including children
7. **Do not disturb lecture for any reason. If you must leave class or come in late, do so without disturbing class.**
8. **DRESS CODE: Proper work attire only, NO Open shoes, Short pants, low riding, or sleeveless shirts, will be allowed in any program classrooms.**
9. **No** grades will be **dropped**, No homework or assignments can be made up or accepted after instructor has taken up for grading.
10. **Homework** must be done **in proper outline form, neat and legible**, prepared on **loose leaf (8.5" X 11") note book paper**, written only on **one** side.
11. Assignment must be turn in at the beginning of class
12. Any student caught cheating will be dropped from class and given an F for the semester grade.
13. Students are required to be present for all examinations and lect must be present at all times when the project is being worked on.
14. Instructor will reply to students email in a reasonable time or within 3 working days. Not available on Friday, Saturday, Sundays, Holidays *only if you honor all course policies, attend classes regularly, complete all assigned work in good faith and on time, and meet all other course expectations.*