

Internship
Plumbing Technology/Plumber
(PFPB 1682: Summer 2026)



**LAMAR INSTITUTE
OF TECHNOLOGY**

CREDIT

6 Semester Credit Hours (xxx)

MODE OF INSTRUCTION

Face to Face

PREREQUISITE/CO-REQUISITE:

DORI 0200, CNBT 1300, PFPB 1323, PFPB 2308, PFPB 2309, PFPB 2349, PFPB 1321, PFPB 1347, PFPB 2336, PFPB 2343

COURSE DESCRIPTION

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. (From WECM)

COURSE OBJECTIVES

- Apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.
- Demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

INSTRUCTOR CONTACT INFORMATION

Instructor: Henry LaRocca

Email: hlarocca@lit.edu

Office Phone: (409) 245-8758 Cell: (409) 998-0528

Office Location: PATC 210

Office Hours: Monday and Wednesday: 8:30 a.m. – 9:00 a.m.
Tuesday and Thursday: 12:00 p.m. – 1:00 p.m.
Friday: 8:00 a.m. – 10:00 a.m.

REQUIRED TEXTBOOK AND MATERIALS

No textbook required.

Approved: Initials/date

Materials/Tools

<u>Item</u>	<u>Quantity</u>
3"-3 ring notebook and notebook paper	1
25 ft. min. steel tape/6 ft. plumbers folder ruler	1 each
Safety glasses	1
Leather gloves	1 pair
Safety Shoes	1 pair
Calculated Industries Calculator	1
Required PFPB Shirt	2 minimum
Screwdriver, flat tip, 6 inch	1
Screwdriver 10 inch	1
Screwdriver Phillips #2 tip, 6 inch	1
Adjustable Wrenches – 6 inch and 12 inch	1 each
Pipe wrench – 14 inch	1
Pliers – Needlenose pliers, 7 inch	1
Pliers – Adjustable or ARC joint	1
Hammer – ball peen, 16 ounce	1
Hacksaw, adjustable angle	1
Hacksaw 18 TPI B=blades	3-5

ATTENDANCE POLICY

- I. Students are allowed to miss two days without penalty; each additional day will result in the student's grade being dropped by a letter grade.

Example:

2 days absent = If student has an A average no penalty

3 days absent = A drops to a B

4 days absent = B drops to a C

5 days absent = C drops to a D (student must retake class)

6 days absent = D drops to a F (student must retake class)

- II. Absences are counted for unexcused, excused and coming to class late.

- III. 3 tardies = 1 absences

A. Tardy- arriving within 15 minutes after class begins or leaving before the end of class.

B. More than 15 minutes late you will be counted absent.

C. If you sleep in class, you will be counted absent.

- IV. Excused absences. Only given to allow students to make up missed work.

A. Will be given for documented Injury or Illness. The doctor's excuse required showing proof. Will count toward total days missed.

B. Will be given for documented Death in immediate family. Will count toward total days missed.

- C. Approved LIT school functions; E.g., SkillsUSA, SGA etc. Will not count toward total days missed

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 CALENDAR

DATE	TOPICS	ASSIGNMENTS (Due on this Date)
Week 1	Module 1: - Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry - Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry - As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #1: Write a brief description of jobs performed this week during your co-op training experience. – End of Week
Week 2	Module 2: - Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry - Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry - As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #2: Write a brief description of jobs performed this week during your co-op training experience. – End of Week
Week 3	Module 3: Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry	Weekly report #3: Write a brief description of jobs performed this week during your co-op

	• Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry • As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	training experience. – End of Week
Week 4	Module 4: • Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry • Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry • As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #4: Write a brief description of jobs performed this week during your co-op training experience. – End of Week
Week 5	Module 5: • Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry • Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry • As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #5: Write a brief description of jobs performed this week during your co-op training experience. – End of Week

Week 6	Module 6: • Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry • Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry • As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #6: Write a brief description of jobs performed this week during your co-op training experience. – End of Week
Week 7	Module 7: • Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry • Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry • As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #7: Write a brief description of jobs performed this week during your co-op training experience. – End of Week Schedule: Make a trip to student work place -End of Week
Week 8	Module 8: • Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry • Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry • As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic,	Weekly report #8: Write a brief description of jobs performed this week during your co-op training experience. – End of Week

	environmental, social, and legal systems associated with the occupation and the business/industry.	
Week 9	Module 9: - Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry - Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry - As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #9: Write a brief description of jobs performed this week during your co-op training experience. – End of Week
Week 10	Module 10: - Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry - Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry - As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #10: Write a brief description of jobs performed this week during your co-op training experience. – End of Week Tradesman Practice: Practice Exam – End of Semester
Week 11	Module 11: - Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry - Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry	Weekly report #11: Write a brief description of jobs performed this week during your co-op training experience. – End of Week

	As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	
Week 12	Module 12: - Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry - Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry - As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #12: Write a brief description of jobs performed this week during your co-op training experience. – End of Week
Week 13	Module 13: - Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry - Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry - As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #13: Write a brief description of jobs performed this week during your co-op training experience. – End of Week
Week 14	Module 14: - Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry - Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and	Weekly report #14: Write a brief description of jobs performed this week during your co-op

	appropriate written and verbal communication skills using the terminology of the occupation and the business/industry As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Schedule: Make a trip to student work place -End of Week
Week 15	Module 15: - Develop, and understand the duties and responsibilities of a plumber apprentice while being employed in industry - Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry - As outline in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions, within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.	Weekly report #15: Write a brief description of jobs performed this week during your co-op training experience. – End of Week

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

- Each Weekly Report 4%
- Report From Employer – Quarter 1 – 10%
- Report From Employer – Quarter 2 – 10%
- Report From Employer – Quarter 3 – 10%
- Report From Employer – Quarter 4 – 10%

GRADE SCALE

- 90-100 A
- 80-89 B
- 70-79 C
- 60-69 D
- 0-59 F

TECHNICAL REQUIREMENTS

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 \(lit.edu\)](#).

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.

