

# Maintenance Electricity I

FMTA - 1110 001

## Engagement Plan

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I will respond to email within 24 hours Monday through Thursday The best way to contact me is via the Canvas Inbox, as I will prioritize this email over other modes of communication.

## Required Text or Materials

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**Title: Heating and Cooling Essentials**

**ISBN:** 978-1-63776-460-2

For more information on textbook accessibility, contact Accessibility & Disability Services at [ads@slcc.edu](mailto:ads@slcc.edu).

## Brief Description of Assignments/Exams

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Typical assignments are delivered via Canvas. There are many quizzes and exams delivered via Canvas. There will be lab assignments performed as a class in the HVAC lab.

## Assignment Schedule

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| Due Date | Assignment Name                                                                 | Assignment Type | Points |
|----------|---------------------------------------------------------------------------------|-----------------|--------|
|          | <a href="#">Check Your Knowledge: Personal Protective Equipment Safety Quiz</a> | Quiz            | 20     |

| Due Date | Assignment Name                                                         | Assignment Type | Points |
|----------|-------------------------------------------------------------------------|-----------------|--------|
|          | <a href="#">Check Your Knowledge: Drug &amp; Alcohol Abuse Quiz</a>     | Quiz            | 20     |
|          | <a href="#">Check Your Knowledge: Fall Protection Safety Quiz-</a>      | Quiz            | 20     |
|          | <a href="#">Check Your Knowledge: First Aid Safety Quiz-</a>            | Quiz            | 20     |
|          | <a href="#">Check Your Knowledge: Hand &amp; Power Tool Safety Quiz</a> | Quiz            | 20     |
|          | <a href="#">Check Your Knowledge: Hazard Communication Safety Quiz-</a> | Quiz            | 20     |
|          | <a href="#">Check Your Knowledge: Heat Stress Safety Quiz</a>           | Quiz            | 20     |
|          | <a href="#">Check Your Knowledge: Ladder Safety Quiz</a>                | Quiz            | 25     |
|          | <a href="#">Check Your Knowledge: Safety Orientation Quiz</a>           | Quiz            | 20     |
|          | <a href="#">Check Your Knowledge: Working with Refrigerants Quiz-</a>   | Quiz            | 10     |

| Due Date | Assignment Name                                                       | Assignment Type | Points |
|----------|-----------------------------------------------------------------------|-----------------|--------|
|          | <a href="#">Check Your Knowledge: Workplace Fire Safety Quiz</a>      | Quiz            | 20     |
|          | <a href="#">Combustion Heating Quiz</a>                               | Quiz            | 10     |
|          | <a href="#">Electrical Safety Video Quiz-</a>                         | Quiz            | 20     |
|          | <a href="#">Extension Ladder Setup and Use</a>                        | Assignment      | 5      |
|          | <a href="#">FHP Motor Selection</a>                                   | Quiz            | 34     |
|          | <a href="#">Final Safety Exam</a>                                     | Quiz            | 75     |
|          | <a href="#">H&amp;C Lab Activity 23-1: Using a Voltage Tester</a>     | Assignment      | 5      |
|          | <a href="#">H&amp;C Lab Activity 23-2: Using an Ammeter</a>           | Assignment      | 5      |
|          | <a href="#">H&amp;C Lab Activity 23-3: Using an Ohmmeter</a>          | Assignment      | 5      |
|          | <a href="#">H&amp;C Lab Activity 23-4: Selecting Conductors</a>       | Assignment      | 5      |
|          | <a href="#">H&amp;C Lab Activity 23-5: Wiring a Circuit</a>           | Assignment      | 5      |
|          | <a href="#">H&amp;C Lab Activity 23-6: Wiring a Duplex Receptacle</a> | Assignment      | 5      |

| Due Date | Assignment Name                                                             | Assignment Type | Points |
|----------|-----------------------------------------------------------------------------|-----------------|--------|
|          | <a href="#">Introduction to AC Circuit Wiring and Measuring Voltage Lab</a> | Assignment      | 5      |
|          | <a href="#">Lockout/Tagout Safety Video Quiz-</a>                           | Quiz            | 20     |
|          | <a href="#">Module 1 Quiz</a>                                               | Quiz            | 32     |
|          | <a href="#">Module 8 Concept Review</a>                                     | Quiz            | 36     |
|          | <a href="#">Pressurized Gases and Cylinders Quiz-</a>                       | Quiz            | 10     |
|          | <a href="#">Replacement Motor Selection</a>                                 | Assignment      | 0      |
|          | <a href="#">Safety Handbook Quiz-</a>                                       | Quiz            | 7      |
|          | <a href="#">SAFETY STATEMENT OF ACKNOWLEDGMENT</a>                          | Assignment      | 0      |
|          | <a href="#">Soldering and Brazing Quiz-</a>                                 | Quiz            | 10     |
|          | <a href="#">Stepladder Setup and Use</a>                                    | Assignment      | 5      |

## Grading Scale

Each assignment, quiz, and exam have an assigned point value. The course grade is determined by summing all of the assignments, quizzes, and exams and dividing the sum by the total possible points. A letter grade will be assigned according to the percentage of points earned and the following table:

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

| Range       | Grade | Range       | Grade |
|-------------|-------|-------------|-------|
| 100% to 94% | A     | <84% to 80% | B-    |
| <94% to 90% | A-    | <80% to 77% | C+    |
| <90% to 87% | B+    | <77% to 74% | C     |
| <87% to 84% | B     | <74% to 0%  | E     |

## How to Navigate to Canvas

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## Institutional Policies

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As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

## Learning Support and Tutoring Services

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We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

## Advising and Counseling Support Services

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At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

## Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)