



Western Technical College

10601128 HVACR Job Shadow

Course Outcome Summary

Course Information

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| Description | Through a combination of outside speakers and job shadowing, learners will be introduced to HVACR occupational areas such as installing, servicing, testing, selling and designing. HVACR is a common reference to Heating, Ventilation, Air Conditioning and Refrigeration. |
| Career Cluster | Architecture and Construction |
| Instructional Level | Associate Degree Courses |
| Total Credits | 1 |
| Total Hours | 18 |

Textbooks

No textbook required.

Experiential Learning

1. Work-Based Learning: this course applies your learning to your desired profession by working in industry placements such as internships, practicums, clinicals, or co-ops.

Program Outcomes

1. Install HVACR systems
2. Service HVACR systems
3. Troubleshoot HVACR systems
4. Repair HVACR equipment
5. Analyze HVACR systems

Course Competencies

1. Follow a Heating, Ventilating and Air Conditioning (HVAC) Contractor.

Assessment Strategies

- 1.1. Reflection

Criteria

You will know you are successful when

- 1.1. you make arrangements to job shadow an HVAC Contractor.
- 1.2. you job shadow an HVAC Contractor.
- 1.3. you summarize your job shadow experience in written form.
- 1.4. you share your job shadow experience orally with your peers.

Learning Objectives

- 1.a. Contact an employer to job shadow.
- 1.b. Observe business practices and procedures.
- 1.c. Summarize the job shadow experience.

2. Follow a HVACR Designer.

Assessment Strategies

- 2.1. Reflection

Criteria

You will know you are successful when

- 2.1. you contact a HVACR Designer and arrange a job shadow.
- 2.2. you job shadow an HVACR Designer.
- 2.3. you summarize your job shadow experience in written form.
- 2.4. you share your job shadow experience orally with your peers.

Learning Objectives

- 2.a. Contact an employer to job shadow.
- 2.b. Observe business practices and procedures.
- 2.c. Summarize the job shadow experience.

3. Follow a Refrigeration Contractor.

Assessment Strategies

- 3.1. Reflection

Criteria

You will know you are successful when

- 3.1. you make arrangements to job shadow a Refrigeration Contractor.
- 3.2. you job shadow a Refrigeration Contractor.
- 3.3. you summarize your job shadow experience in written form.
- 3.4. you share your job shadow experience orally with your peers.

Learning Objectives

- 3.a. Contact an employer to job shadow.
- 3.b. Observe business practices and procedures.
- 3.c. Summarize the job shadow experience.

4. Follow a HVACR Technician at a Testing Laboratory.

Assessment Strategies

- 4.1. Reflection

Criteria

You will know you are successful when

- 4.1. you make arrangements to job shadow a HVACR technician at a testing laboratory.
- 4.2. you job shadow a HVACR technician at a testing laboratory.

- 4.3. you summarize your job shadow experience in written form.
- 4.4. you share your job shadow experience orally with your peers.

Learning Objectives

- 4.a. Contact an employer to job shadow.
- 4.b. Observe business practices and procedures.
- 4.c. Summarize the job shadow experience.

5. Follow a HVACR Wholesale Supply House Employee.

Assessment Strategies

- 5.1. Reflection

Criteria

You will know you are successful when

- 5.1. you make arrangements to job shadow a HVACR Wholesale Supply House Employee.
- 5.2. you job shadow a HVACR Wholesale Supply House Employee.
- 5.3. you share your job shadow experience orally with your peers.
- 5.4. you summarize your job shadow experience in written form.

Learning Objectives

- 5.a. Contact an employer to job shadow.
- 5.b. Observe business practices and procedures.
- 5.c. Summarize the job shadow experience.

6. Follow a Sheet Metal Contractor.

Assessment Strategies

- 6.1. Reflection

Criteria

You will know you are successful when

- 6.1. you make arrangements to job shadow a Sheet Metal Contractor.
- 6.2. you job shadow a Sheet Metal Contractor.
- 6.3. you share your job shadow experience orally with your peers.
- 6.4. you summarize your job shadow experience in written form.

Learning Objectives

- 6.a. Contact an employer to job shadow.
- 6.b. Observe business practices and procedures.
- 6.c. Summarize the job shadow experience.