



EMPLOYABILITY PROFILE

Metalworking Technologies
ST. LAWRENCE-LEWIS BOCES
40 West Main Street
Canton, NY 13617

Student:
Academic Year:
Home District:

Rating Scale

- T** - Theory/Minimal Exposure
1 - Unsatisfactory
2 - Needs Improvement
3 - Meets Expectations
4 - Exceeds Expectations

Attendance

Understands work expectations for attendance and adheres to them. Notifies supervisor in advance in case of absence.

Communication Skills

Gives full attention to what other people are saying, asks questions as appropriate and understands what was heard. Communicates concerns clearly and asks for assistance when needed.

Collaboration / Communication

Interacts and communicates with others in a friendly and courteous way. Shows respect for others' ideas, opinions and racial and cultural diversity. Effectively works as a member of a team.

Creativity & Innovation

Apply critical thinking, research methods, and communication tools to create original work. Collaborate effectively with an audience beyond the classroom to create original work.

Health & Safety

Complies with health and safety rules for specific workplace.

Knowledge of Workplace

Demonstrates understanding of workplace policy and ethics.

Observes Critically

Carefully attends to visual sources of information. Evaluates the information for accuracy, bias and usefulness. Develops a clear understanding of the information.

Problem Solving & Critical Thinking

Identifies the nature of the problem, evaluates various ways of solving the problem and selects the best strategy.

Punctuality

Understands work expectations for punctuality. Arrives on time for work, takes and returns from breaks on time and calls supervisor prior to being late.

Quality of Work

Gives best effort, evaluates own work and utilizes feedback to improve work performance. Strives to meet quality standards and provides optimal customer service.

Research & Information Fluency

Apply varied research skills to find and evaluate resources. Use information and resources to accomplish real-world tasks.

Resolves Conflict

Identifies the source of conflict, suggests options to resolve it and helps parties reach a mutually satisfactory agreement.

Response to Supervision

Accepts direction, feedback and constructive criticism with positive attitude and uses information to improve work performance. Demonstrates flexibility when nature of work changes.

Solves Problems Using Math

Works with mathematical information (numbers, symbols, etc.) procedures, and tools and applies skills to answer a question, solve a problem, verify the reasonableness of results, make a prediction or carry out a task that has mathematical dimensions.

Takes Initiative

Participates fully in task for project from initiation to completion. Initiates interactions with supervisor for the next task upon completion of previous one. Does a great job with clean up, needs to focus on assignments more.

Takes Responsibility for Learning

Identifies one's strengths and weaknesses. Sets goals for learning. Identifies and pursues opportunities for learning. Monitors one's progress toward achieving these goals.

Technology

Uses job-related tools, technologies and materials appropriately.

Workplace Appearance

Dresses appropriately for the position and duties. Practices personal hygiene appropriate for position and duties.

Oxy Fuel Operation

- * Can safely set up, operate and make repairs to the oxy fuel system
- * Can perform various cutting operations including straight, beveling, and piercing with oxy fuel system



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Shielded Metal Arc Welding

- * Can safely setup and operate/maintain shielded metal arc welding equipment
- * Can perform fillet welds and groove welds in all positions with various electrodes

Gas Tungsten Arc Welding

- * Can safely set-up, operate, and maintain GTAW Equipment
- * Can successfully perform flat stringers and fillet welds on aluminum, stainless, and mild steel

Gas Metal Arc Welding/Flux Cored

- * Can safely setup and operate/maintain gas metal/flux cored arc welding equipment
- * Can perform fillet welds and groove welds in all positions with various types of wire

Plasma Arc Cutting/Air Carbon Arc Cutting

- * Can safely setup, maintain and operate the PAC and CAC-A equipment
- * Can perform cuts and removal of welds on various metals

Program Certifications

OSHA 10 Hour Certification
not offered to JR.

NYSDOT Structural Field Welder Certification
Has taken the test.

Inspection and Testing Principles

- * Examine cut surfaces and edges of prepared base metal parts and welds

Internship/Work Based Experience

Meets qualifications to work for an employer in the metalworking field for a set period of time

Career Planning

State personal attributes that an employer looks for in the metalworking field

Describe job opportunities that exist in the metalworking field

Prepare resume and portfolio based on personal information and achievements



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| Work-Based Learning Experiences | Year | Comments | # of Hours |
|---|-----------|----------|-------------|
| WBL Work-Based Learning / Army Recru | 2021-2022 | | 2.00 |
| WBL Work-Based Learning / Lincoln Tect | 2021-2022 | | 1.00 |
| Total # of Work-Based Learning Experiences Hours | | | 3.00 |

Signature of Reviewer: _____ Print Name: _____

Title: _____ Review Date: _____