



Ballston Spa High School

Technology Education Department

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Technology Education Teachers

Employability Profile

CTE Content Area: Technology Education

Program of Study: Technology Education: Building Sciences

Student's Name: _____

School Year: _____ Grade: 9 10 11 12 Anticipated Year of Graduation: _____

Rating Scale:

4•Outstanding: Consistently demonstrates knowledge/skill required for entry-level position; often exceeds expectations; emerged as a leader.

3•Proficient: Demonstrates knowledge/skill required for entry level position with rare exceptions; shows initiative in improving skills.

2•Developing: Demonstrates some (or inconsistently demonstrates) knowledge/skill required for entry level position; further development needed.

1•Needs Improvement: Rarely demonstrates knowledge/skill required for entry level position; a plan for improvement is needed.

N/O•Not Observed: Has yet to demonstrate (or has not yet been taught) knowledge/skill required for entry level position.

EMPLOYABILITY SKILLS (NYSED Employability Profile <http://www.p12.nysed.gov/specialed/publications/CDOScredentia-att4.pdf>)

	9	10	11	12
Attendance:				
Understands & adheres work expectations for attendance.				
Notifies supervisor in advance in case of absence.				
Punctuality:				
Understands work expectations for punctuality.				
Arrives on time for work.				
Takes and returns from breaks on time.				
Calls supervisor prior to being late.				
Workplace Appearance:				
Dresses appropriately for the position and duties.				
Practices personal hygiene appropriate for position and duties.				
Takes Initiative:				
Participates fully in task/project from initiation to completion.				
Initiates interactions with supervisor for next task upon completion of previous one.				
Quality of Work:				
Gives best effort.				
Evaluates own work.				
Utilizes feedback to improve work performance.				
Strives to meet quality standards; provides optimal customer service.				
Knowledge of Workplace:				
Demonstrates understanding of workplace policy and ethics.				
Response to Supervision:				
Accepts direction, feedback, & constructive criticism with positive attitude.				
Uses information to improve work performance.				
Demonstrates flexibility when nature of work changes.				
Communication Skills:				
Gives full attention to what other people are saying.				
Asks questions as appropriate				
Understands what was heard.				
Communicates concerns clearly; asks for assistance when needed.				
Solves Problems and Makes Decisions:				
Identifies the nature of the problem.				
Evaluates various ways of solving the problem.				
Selects the best alternative to solve the problem.				
Acts on decision.				

	9	10	11	12
Cooperates with Others:				
Interacts & communicates with others in a friendly/courteous way.				
Shows respect for others' ideas, opinions, racial & cultural diversity.				
Effectively works as a member of a team.				
Resolves Conflict:				
Identifies the source of conflict.				
Suggests options to resolve the conflict.				
Helps parties reach a mutually satisfactory agreement.				
Observes Critically:				
Carefully attends to visual sources of information.				
Evaluates the information for accuracy, bias and usefulness.				
Develops a clear understanding of the information.				
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 goals.				
Reads with Understanding:				
Reads print materials in a variety of formats (signs, books, instruction sheets, forms, charts, etc.) to locate, understand, apply and manage information they contain.				
Solve Problems Using Math:				
Works with mathematical information (numbers, symbols, etc.), procedures, and tools.				
Applies mathematical 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.				
Health and Safety:				
Complies with health & safety rules for specific workplace.				
Technology:				
Uses job-related tools, technologies, & materials appropriately.				

Diploma Earned: _____

Technical Endorsement on Diploma? **Y** **N**

Student's Name: _____

TECHNICAL KNOWLEDGE AND SKILLS (Competencies from Precision Exam 510: Construction Trades Foundation [Written])

	9	10	11	12
Basic Safety Skills: Learn and practice basic safety skills				
Describe how to avoid job-site accidents.				
Explain the relationship between housekeeping and safety.				
Know the importance of following all safety rules & company safety policies.				
Explain the importance of reporting all on-the-job injuries, accidents, and near misses.				
Explain the need for evacuation procedures and the importance of following them.				
Explain their employer's substance abuse policy and how it relates to safety.				
Explain the term Proximity Work.				
Recognize and explain personal protective equipment uses.				
Inspect and care for various types of personal protective equipment.				
Follow safe procedures for lifting heavy objects.				
Inspect and safely work with various types of ladders and scaffolds.				
Demonstrate an understanding of the OSHA Hazard Communication Standard.				
Explain the function of Material Safety Data Sheets.				
Practice fire prevention in dealing with various flammable materials.				
Practice safe work procedures around electrical hazards.				
Basic Math Skills: Understand and demonstrate basic math skills				
Add, subtract, multiply, and divide whole numbers, with and without a calculator.				
Use a standard ruler to measure				
Add, subtract, multiply, and divide fractions				
Add, subtract, multiply, and divide decimals, with and without a calculator.				
Convert decimals to percentages and percentages to decimals				
Convert fractions to decimals and decimals to fractions.				
Hand Tools: Recognize and demonstrate the hand tools				
Recognize basic hand tools used in the construction trade.				
Safely use these basic hand tools.				
Have an awareness of basic maintenance procedures on these hand tools.				
Power Tools: Recognize & demonstrate power tools				
Identify commonly used power tools of the construction trade.				
Recognize safe use of power tools				
Explain the procedures to properly maintain these power tools.				
Blueprints: Identify and demonstrate how to read blueprints				
Identify and recognize basic blueprint terms and symbols.				
Relate information on prints to real parts and locations.				
Identify the following: 1. Plot/site plan 2. Floor plan 3. Elevation plan 4. Foundation plan 5. Mechanical plan 6. Electrical plan 7. Specifications sheet 8. Door and window schedule				
Wood Building: Understand and demonstrate the use of wood building materials, fasteners and adhesives				
Explain the terms commonly used in discussing wood and lumber.				
Identify various types of imperfections that are found in lumber.				
Identify the uses of pressure-treated lumber.				
Identify the safety precautions associated with pressure-treated lumber				
Describe the proper method of caring for lumber and wood building materials at the job site.				
State the uses of various types of engineered lumber.				
List the basic types of nails and staples and their uses.				
Describe the common types of adhesives used in construction work and explain their uses.				

Awards, special recognition, scholarships, work-based learning experiences:

	9	10	11	12
Flooring, Wall, Ceiling & Roofing Systems: Understand and demonstrate framing of flooring systems, wall and ceilings and roofing systems.				
Identify floor and sill framing and support members.				
List and recognize different types of floor joists				
Demonstrate the ability to: 1. Layout and construct a floor assembly 2. Install a single floor system using tongue and groove plywood/OSB pane				
Identify the components of a wall.				
Layout, assemble, erect, and brace exterior walls for a frame building.				
Understand the use and installation of roofing members.				
Understand the members and installation of stair.				
Windows, Exterior & Interior Doors: Demonstrate installation of windows, exterior, and interior doors				
State the requirements for a proper window installation				
Install a pre-hung window				
Install a pre-hung exterior door with weather-stripping.				
Install a lockset.				
Drywall Installation & Finishing: Understand and demonstrate drywall installation and finishing				
Select fasteners for drywall installation.				
Identify the hand tools used in drywall finishing and demonstrate the ability to use these tools				
Identify the materials used in drywall finishing and state the purpose and use of each type of material.				
Interior Finishing: Understand and demonstrate interior finishing				
Identify different types of interior doors				
List and identify specific items included on a typical door schedule				
Professional Understanding & Skills: Gain an understanding of the construction industry as a profession and will develop professional skills for the workplace				
Understand the use of construction and how it relates to career opportunities.				
Display a professional attitude toward the instructor and peers.				

TECHNICAL KNOWLEDGE AND SKILLS (Competencies from Precision Exams 510: Construction Trades Foundation [Performance])

	9	10	11	12
Basic Safety Skills: Practice basic safety skills.				
Basic Math Skills: Understand and demonstrate basic math skills.				
Hand Tools: Recognize and demonstrate hand tools				
Power Tools: Recognize and demonstrate power tools.				
Blueprints: Identify and demonstrate how to read blueprints.				
Wood Building: Understand and demonstrate the use of wood building materials, fasteners, adhesives				
Flooring, Wall, Ceiling & Roofing Systems: Understand and demonstrate framing of flooring systems, walls & ceilings, & roofing systems.				
Windows, Exterior & Interiors Doors: Understand and demonstrate installation of windows, exterior and interior doors.				
Drywall Installation & Finishing: Understand and demonstrate drywall installation and finishing				
Interior Finishing: Understand and demonstrate interior finishing				

BSpa HS Courses	HVCC College Course	Cr.	Attained
Basic Principles of Construction, Cabinetry & Finish Carpentry, and Carpentry and Masonry	CNST 130: Principles and Practices of Light Construction I	3	