PROFESSIONAL TECHNICAL PROGRAM OUTCOMES
RELATED INSTRUCTION PROGRAM OUTCOMES

Accounting Program Outcomes

After successfully completing the Accounting requirements, students will:

1. Possess the skills needed to secure entry-level employment in the accounting department of a variety of business and non-business organizations.
2. Perform basic accounting functions, such as complete steps in the accounting cycle, prepare financial statements, or document transactions.
3. Analyze individual components of financial statements.
4. Use accounting information to make informed decisions about the operating performance, financial position, and tax liability of a company.
5. Use accounting software.
6. Demonstrate understanding of terminology related to accounting.
7. Identify and use appropriate resources for problem solving.
8. Receive, interpret, and follow both written and verbal instructions.
9. Interact effectively with individuals and groups.
10. Be aware of ethical issues impacting accountants.
11. Demonstrate knowledge of activities found in most organizations, such as marketing or management.

Automotive Technology Program Outcomes

After successfully completing the Automotive Program requirements, students will:

1. Accomplish automotive repairs in all 8 areas of the automobile required by the ASE Standards.
2. Utilize the proper basic shop equipment and tools needed to adequately complete repairs.
3. Show exemplary behaviors while at work, following the protocol of a professional technician.
4. Select the proper data from shop manuals and computer resources as required to complete repairs.
5. Diagnose symptoms by combining and applying knowledge from multiple sources e.g. other technicians, IATN (information bank), the internet, passed experience, etc.

6. Recognize, and avoid or resolve potentially hazardous situations related to automotive repair.
7. Describe and write findings, repairs, parts, updates, modifications, and labor time on repair orders clearly and effectively to employer satisfaction.
8. Present ideas and information in writing or verbally in a comprehensives manner to co-workers, employers, and customers.

Business Management Program Outcomes

After successfully completing the Business requirements, students will:

1. Be employable in an entry level management or business environment.
2. Have working knowledge of current legal, ethical, social, financial, and economic environmental factors as they apply to business.
3. Have a working knowledge of computers and software packages necessary for basic business communication and analysis.
4. Understand the interrelationship of a business organization within the larger business environment including international business.
5. Given a business problem, select and defend a business solution chosen from specific alternatives.
6. Given a business research question, access and select information from a variety of sources to respond to the question.
7. Communicate business concepts effectively both written and orally in clear concise language appropriate to the audience.
8. Identify the issues and challenges related to ethics in current business organizations and understand how to identify and respond to ethical dilemmas.

Carpentry Technology Program Outcomes

After successfully completing the Carpentry requirements, students will:

1. Construct the common elements of residential/commercial carpentry to building code standards.
2. Complete the planning and investigation that is required for construction projects.
3. Create scaled drawings of and estimations for construction projects.
4. Identify, compute, and apply measurements from blueprints to construction projects.
5. Identify and solve problems related to carpentry operations.
6. Locate, select, and apply technical data from building code and manufacturer resources.

7. Recognize and avoid or resolve potentially hazardous situations related to carpentry.
8. Demonstrate appropriate workplace behaviors.

Commercial Truck Driving Program Outcomes

After successfully completing the Commercial Truck Driving requirements, students will:

1. Hold WA state endorsements for combination vehicles, tankers, doubles/triples, and also have the air brake restriction lifted from their license.
2. Apply basic knowledge of pre-trip inspections, driving and backing.
3. Apply proper logbook procedures and rules according to the FMCSR.
4. Safely and properly couple and uncouple a tractor/trailer unit.
5. Calculate proper axle weights using the Federal bridge weight formula.
6. Properly adjust individual axle weights to comply with state and federal laws.
7. Recognize, avoid, or resolve potentially hazardous situations related to truck driving.
8. Safely operate a sit down counter balance (SDCB) forklift.
9. Demonstrate appropriate workplace behaviors.

Criminal Justice Program Outcomes

After successfully completing the Criminal Justice requirements, students will:

1. Be employable in entry level law enforcement and/or correctional positions.
2. Understand, articulate, and evaluate the similarities and differences between and among the components of the Criminal Justice System; the Police, Courts, and Corrections.
3. Understand, articulate, and evaluate how various factors (e.g., social, personal, historical, political, and economic) influence human behavior and its impact within the Criminal Justice System.
4. Understand, articulate, and evaluate the applicability of significant theoretical perspectives (e.g., conflict theory, feminist theory, cognitive behavior theory) as they relate to contemporary criminal justice issues.
5. Identify, understand, evaluate, and apply research literature from multiple social science disciplines (e.g., sociology, psychology, criminology, and political science).
6. To identify and understand the need for positive interaction between the Criminal Justice System and the community it serves.
7. Understand both the mental aspects of the Criminal Justice Profession and the physical aspects which it requires.

Diesel Technology Program Outcomes

After successfully completing the Diesel requirements, students will:

1. Trouble shoot and resolve equipment malfunctions and will repair to industry standards.
2. Apply a logical assembly/repair process to repair projects.
3. Demonstrate the ability to disassemble and assemble various components used in the Diesel Industry to manufactures standards.
4. Select appropriate consumables and set up welding power-sources and wire-feeding units for common manual and semi-automatic welding operations (from related welding and diesel).
5. Recognize and avoid or resolve potentially hazardous situations related to welding operations (from related welding and diesel).
6. Diagnose and repair electrical components and wiring used in the Diesel Industry.
7. Effectively use manufacturers' manuals in the performance of their work.
8. Determine the status of parts for reuse using manufacturer's guidelines.
9. Recognize potentially hazardous situations in the industrial workplace and will demonstrate appropriate workplace behaviors.

Energy Technology Program Outcomes

After successfully completing the Energy Technology program requirements, students will:

1. Locate, select, and apply technical procedural data.
2. Recognize potentially hazardous situations in an industrial work place.
3. Identify and solve technical problems in an industrial work place.
4. Demonstrate employable workplace behaviors.
5. Demonstrate knowledge & skills in the energy technology industry and achieve industry standards.
6. Qualify for entry level positions as assistant control operators, technicians and other high voltage apprenticeships such as plant operators, plant mechanics, etc.

Human Services Program Outcomes

After successfully completing the Human Services requirements, students will:

1. Identify the knowledge, values and skills expected of an effective Human Service Worker (empathy, confidentiality, etc.).
2. Identify the range of Human Services in society and their functions.
3. Identify factors that influence why people act, think and feel as they do.
4. Develop knowledge of the characteristics of selected consumer populations and their typical challenges in accordance with students' interest or service focus.
5. Identify various strategies and tactics used to assist consumers to achieve agreed upon service objectives.
6. Establish a respectful, nonjudgmental, and professional therapeutic or supportive relationship with colleagues and consumers of human services in a variety of practice settings.
7. Gather, assemble and interpret data through various methods necessary to determine consumers' strengths and barriers that interfere with their ability to overcome adversity or achieve valued life goals.
8. Assist consumers to identify and clarify, define establish meaningful service needs.
9. In consultation with consumers design and implement an action plan to achieve agreed upon service goals
10. Help consumers identify access, develop and make use of supportive and helpful resources and opportunities in their social environments.
11. Use critical thinking skills to make sound and reasoned decisions regarding common ethical dilemmas encountered in various practice settings.
12. Learn to critically assess one's own professional effectiveness in helping consumers achieve desired goals.
13. Earn entry level positions in Human Services.

Industrial Control Systems Technology Program Outcomes

After successfully completing the Industrial Control Systems requirements, students will:

1. Identify, compute, and apply operations, calibration, configuration and troubleshooting.
2. Locate, select, and apply technical procedural data.
3. Recognize potentially hazardous situations in an industrial work place. OSHA Certified.
4. Identify and solve technical problems in an industrial work place.
5. Demonstrate employable workplace behaviors.

6. Demonstrate knowledge & skills in control systems and automation in industry, achieve industry standards.
7. Qualify for entry level positions as a Process Controls Technician, Instrumentation Technician, Maintenance Electrician, Electronic Technician, Power Plant Operator or Technician, Plant Operator and Engineering Aid.

Natural Resources/Forest Technician-Program Outcomes

After successfully completing the core Natural Resource requirements, students will:

1. Demonstrate field identification of regionally important plant species and their communities.
2. Interpret how ecological relationships influence plant succession and biodiversity in forested ecosystems.
3. Recognize silvicultural treatments used in the growing and culturing of trees.
4. Explain how forest management practices are applied to forestland ownership within the context of multiple resource uses.
5. Identify and solve problems in natural resources through the application of mensuration and/or remote sensing techniques while utilizing appropriate equipment.
6. Differentiate harvest systems in relation to site and stand characteristics.
7. Recognize and resolve potentially hazardous situations in the forested environment and related operations.
8. Demonstrate appropriate workplace behaviors.

Nursing Program Outcomes

After successfully completing the Nursing requirements, students will:

1. Demonstrate caring by treating all people with dignity and respect.
2. Communicate relevant, accurate, and complete information in a concise and clear manner both orally and in writing.
3. Provide nursing care through orderly collection of information from multiple sources to establish a nursing database from which a plan of care may be developed.
4. Use theoretical knowledge, analysis of assessment data, and critical thinking in developing a comprehensive plan of care and in management decisions that ensure safe, effective care.

5. Use concepts of teaching/learning to develop multiple teaching approaches to assist clients to change behaviors to promote health.
6. Coordinate the decision making process with the client, significant support person(s), and other members of the healthcare team.
7. Adhere to standards of professional practice within ethical, legal, and regulatory frameworks.
8. Demonstrate accountability for personal actions, behaviors, and continuing competence in the discipline.

Office Technology Program Outcomes

After successfully completing the Office Technology requirements, students will:

1. Possess the skills needed to secure entry-level employment in a variety of office support positions including résumé preparation and interviewing skills.
2. Demonstrate technical knowledge to perform general office skill proficiently, including customer service, answering phone, email, and filing.
3. Achieve industry-level proficiencies in keyboarding and the Microsoft Office applications.
4. Demonstrate the ability to communicate orally and in writing at a level necessary for successful employment in the office support field.
5. Practice professional work habits including confidentiality and business ethics.

Welding Technology Program Outcomes

After successfully completing the Welding requirements, students will:

1. Weld to code standards in all positions with at least two welding processes.
2. Oxy-fuel cut and carbon arc gouge code quality joint preparations.
3. Locate, select, and apply technical welding procedural data from manufacturer resources.
4. Select appropriate consumables and set up welding power-sources and wire-feeding units for common manual and semi-automatic welding operations from memory and an understanding of the process controls.
5. Identify and solve operator level welding equipment problems.
6. Recognize and avoid or resolve potentially hazardous situations related to welding operations.
7. Identify, compute, and apply measurements from blueprints in order to fabricate.
8. Demonstrate appropriate workplace behaviors.

Related Instruction Communications Outcomes

After successfully completing the communications requirement, students will:

1. Demonstrate literal and inferential comprehension.
2. Communicate clearly and effectively in appropriate contexts.
3. Accurately relay repair information from reference materials to customers, shop foreman, and service managers.

Related Instruction Computation Outcomes

Students successfully completing the computation requirement, students will:

1. Apply algebraic, analytic, geometric or statistical reasoning to solve abstract and applied problems appropriate to an individual discipline
2. Interpret mathematical, quantitative or symbolic models such as formulas, graphs and tables, and draw inferences from them
3. Employ basic symbolic or quantitative reasoning to support a position or conclusion

Related Instruction Human Relations Outcomes

After successfully completing the human relations requirement, students will:

1. Understand, articulate, and evaluate how various factors (e.g., social, personal/individual, historical, political, and economic) influence human behavior.
2. Understand, articulate, and evaluate the applicability of significant theoretical perspectives (e.g., conflict theory, feminist theory, cognitive behavioral theory) as they relate to contemporary social issues.