

Southern West Virginia Community and Technical College

Program Level Outcomes

Degree Programs

Associate in Arts

1. Demonstrate the ability to think critically and creatively.
2. Identify and apply analytical reasoning across academic disciplines.
3. Demonstrate and compose new works proficiently in oral and written communication.
4. Recognize and relate to literature and the arts, diversity, historical viewpoints, and global perspectives.

Associate in Science

1. Demonstrate the ability to think critically and perform research.
2. Identify and apply analytical reasoning across scientific disciplines.
3. Demonstrate the ability to critically examine information through the scientific method.
4. Apply and evaluate diverse mathematic and scientific principles in problem-solving.

Board of Governors, A.A.S.

1. Demonstrate the ability to think critically and creatively.
2. Identify and apply analytical reasoning across academic disciplines.
3. Demonstrate the specialized training and experience derived from the student's portfolio.
4. Recognize and relate to literature and the arts, diversity, historical viewpoints, and global perspectives.

Business Accounting, A.A.S.

1. Record financial transactions with accuracy for a variety of businesses and business-related organizations using GAAP approved methods.
2. Prepare unbiased financial statements for a variety of organizations that communicate the financial health and standing of the organization.
3. Analyze the data contained in the financial statements, and communicate recommendations and possible solutions to stakeholders and decision makers.
4. Implement and enforce internal controls designed to ensure efficient and proper use of funds.
5. Perform duties ethically, avoiding conflicts of interest, and maintaining confidence in the Accounting profession.

Business Administration, A.A.S

1. Students will apply critical-thinking, problem-solving, and decision-making skills required to function effectively in a business environment.
2. Students will demonstrate the ability to communicate effectively in diverse business situations.
3. Students will demonstrate an understanding of globalization and the impact of cultural, economic, regulatory, and social environments on businesses and organizations.
4. Students will apply core business concepts of the functional areas of business (accounting, economics, finance, management, and marketing) in evaluating business issues.
5. Students will demonstrate the knowledge and application of ethical concepts and behaviors in the workplace.
6. Students will evaluate, analyze, and interpret information using quantitative methods to make sound business decisions.

Criminal Justice, A.A.S

1. Students use critical thinking skills to identify facts and evidence in order to make decisions and apply the law.
2. Students locate and interpret laws applicable to the specific situation.
3. Students effectively document and write reports based on facts and evidence.
4. Students identify effective communication skills and ethical behaviors in a diverse society.

Early Childhood Development, A.A.S.

1. Effectively use knowledge obtained in the education program in their chosen subject areas.
2. Create and maintain a learning atmosphere that fosters a supportive learning community.
3. Demonstrate knowledge in their content areas.
4. Foster and monitor student learning.
5. Participate as active members of their school communities; help to foster change when needed.

Electrical Engineering Technology, A.A.S.

1. Prepare students to become safe and competent electrical technicians.
2. Provide opportunities to display critical thinking skills.
3. Demonstrate responsible professional conduct and behavior.
4. Effectively communicate.

Health Care Professional, A.A.S.

1. Critically think in a variety of healthcare settings.
2. Apply mathematical reasoning in an array of healthcare settings.
3. Effectively communicate within variety of healthcare settings.
4. Be mindful of diverse populations in healthcare.

Information Technology, A.A.S

1. Discuss and evaluate potential technology related ethical dilemmas and apply decision-making techniques to resolve them.
2. Demonstrate proficiency in selecting, implementing, and operating information technology solutions to meet project requirements.
3. Apply essential IT support skills in order to install, configure, secure, and troubleshoot operating systems, programs, networks, and pc hardware.
4. Prepared to take and pass industry standard certification exams.
5. Develop the ability to use oral and written communication effectively with clients and other industry professionals.
6. Engage in teams to develop and/or implement IT-based project solutions.

Medical Assisting, A.A.S.

1. Students will be able to skillfully perform and document routine clinical procedures.
2. Students will perform and document routine administrative procedures
3. Students will Communicate effectively, uphold legal, and ethical standards, and confidentiality for patient privacy.
4. Students will use critical thinking and problem-solving skills.
5. Students will evaluate the importance of professional growth and development
6. Students will collect, process and test diagnostic specimens
7. Students will maintain industry standards of quality control and safety principles in the workplace.

Medical Laboratory Technology, A.A.S.

1. Graduates will demonstrate skills, knowledge and proper attitudes to realize a career as entry level Medical Laboratory Technicians in hospitals and other health care environments.
2. Graduates must demonstrate professionalism and conduct that reflects safe, legal, and ethical behavior.
3. Graduates will have the necessary knowledge to be able to pass a national certification examination.
4. Graduates must be able to communicate in a facilitative, purposeful and respectful manner with patients, families, colleagues, and other members of the health care team.
5. Graduates will have knowledge of prospective job information in an effort to achieve 100% placement within 3 months of graduation or for continuing their undergraduate education in medical technology or other field of their choice.

Nursing, A.A.S.

1. Nursing Judgment

Make judgments in practice, substantiated with evidence, that integrate nursing science in the provision of safe, quality care and that promote the health of patients within a family and community context.

- Generate safe and effective patient centered care using the nursing process.
- Incorporate effective communication strategies to reduce risk and injuries in the healthcare environment.

2. Professional Identity, A.A.S.

Implement one's role as a nurse in ways that reflect integrity, responsibility, ethical practices, and an evolving identity as a nurse committed to evidence-based practice, caring, advocacy, and safe, quality care for diverse patients within a family and community context.

- Create caring relationships with patients and support systems consistent with NLN Competencies and West Virginia Board of Examiners for Registered Professional Nurses.
- Evaluate the utilization of healthcare system resources to efficiently and effectively manage care.

3. Spirit of Inquiry, A.A.S.

Examine the evidence that underlies clinical nursing practice to challenge the status quo, question underlying assumptions, and offer new insights to improve the quality of care for patients, families, and communities.

- Integrate current best practices to plan and implement safe and effective patient care.

4. Human Flourishing, A.A.S.

Advocate for patients and families in ways that promote their self-determination, integrity, and ongoing growth as human beings.

- Collaborate with the patient or designee to plan and provide nursing care that respects the patient's individual values and needs.

Paramedic Science, A.A.S.

Updated Fall 2022 – Currently in curriculum process.

1. Relate the concepts of anatomy and physiology and the pathologies of numerous disease processes.
2. Demonstrate understanding of the mechanics and kinematics of trauma.
3. Apply the concept of pharmacology in a safe, consistent manner.
4. Proficiently display use of basic and advanced airway management devices.
5. Prove competency in basic and advanced cardiac life support and apply the knowledge to all age groups.
6. Exhibit competency in the ability to be a team leader in the pre-hospital environment.
7. Develop critical thinking skills in patient assessment, to all age groups, to properly identify a differential diagnosis. The student will then develop and implement a treatment plan based on the differential diagnosis.

Radiologic Technology, A.A.S.

1. Prepare students to become safe and competent radiographers.
2. Provide educational opportunities for students to possess critical thinking skills.
3. Demonstrate responsible professional attitudes and behaviors.
4. Use effective communication.

Respiratory Care Technology, A.A.S.

1. Graduates must be competent to perform all diagnostic and therapeutic procedures required of a Respiratory Therapist entering the profession.
2. Graduates must be able to function proficiently within inter-professional teams and communicate effectively with diverse populations. The curriculum must prepare students to work with, and care for, a variety of populations including, but not limited to, individual of various ages, abilities, and ethnicities.
3. Program graduates must exhibit adequate critical thinking skills and be competent in the application of problem-solving strategies in the patient care setting.

Salon Management/Cosmetology, A.A.S.

New program still currently under curriculum development. Program outcomes not fully approved at this time.

1. Demonstrate competence in principles of management and marketing.
2. Perform basic manipulative skills required of the program courses.
3. Demonstrate salon technology skills, and proper safety and sanitation procedures.
4. Demonstrate professional communication skills.

Surgical Technology, A.A.S.

1. Students will communicate effectively and demonstrate behavior that corresponds to ethical and legal standard of the profession, uphold patient care standards, and adhere to the moral and honesty integrity of the scope of practice.
2. Students will demonstrate the principles of aseptic technique at all times and maintain a surgical conscience in a knowledgeable manner that provides optimal patient care.
3. Students will identify the use and actions of medications and label all medications used in the sterile field.
4. Students will identify and label surgical instruments, supplies and equipment used during a specific surgical procedure.
5. Students will implement the knowledge of medical terminology, anatomy and physiology and surgical procedural steps, to anticipate the needs of the surgical team.

Technical Studies, A.A.S.

1. Demonstrate the ability to think critically and creatively.
2. Identify and apply analytical reasoning across academic disciplines.
3. Demonstrate the specialized training and experience derived from the student's professional and technical coursework.
4. Recognize and relate to literature and the arts, diversity, historical viewpoints, and global perspectives.

Welding Technology, A.A.S.

1. Prepare students to become safe and competent welders
2. Provide opportunities to possess communication and critical thinking skills
3. Demonstrate responsible professional conduct and behavior
4. Effectively communicate

Certificate Programs

Central Sterile Supply Technician, Certificate

1. Students will identify the various work areas within the Central Sterile Process department and recognize the roles of patient care.
2. Demonstrate the roles and responsibilities of the Central Sterile Technologists within the department.
3. Students will differentiate between decontamination, inspect, assemble, package, process both common and complex surgical instruments.
4. Maintain documentation required by the accrediting agencies for quality control and log a minimum of 400 hours of Central Sterile Technician clinical hands on experience.
5. Demonstrate knowledge of medical and surgical instrumentation, supplies, and equipment in various specialties.

Criminal Justice, Certificate

1. Students use critical thinking skills to identify facts and evidence in order to make decisions and apply the law.
2. Students locate and interpret laws applicable to the specific situation.
3. Students effectively document and write reports based on facts and evidence.
4. Students identify effective communication skills and ethical behaviors in a diverse society.
5. Early Childhood Development, Certificate
6. Effectively use knowledge obtained in the education program in their chosen subject areas.
7. Create and maintain a learning atmosphere that fosters a supportive learning community.
8. Demonstrate knowledge in their content areas.
9. Foster and monitor student learning.
10. Participate as active members of their school communities; help to foster change when needed.

Early Childhood Development, Certificate

1. Effectively use knowledge obtained in the education program in their chosen subject areas.
2. Create and maintain a learning atmosphere that fosters a supportive learning community.
3. Demonstrate knowledge in their content areas.
4. Foster and monitor student learning.
5. Participate as active members of their school communities; help to foster change when needed.

Electrical Engineering Technology, Certificate

1. Prepare students to become safe and competent electrical technicians.
2. Provide opportunities to display critical thinking skills.
3. Demonstrate responsible professional conduct and behavior.
4. Effectively communicate.

Electromechanical Instrumentation Technology, Certificate

1. Prepare students to become safe and competent electrical technicians.
2. Provide opportunities to display critical thinking skills.
3. Demonstrate responsible professional conduct and behavior.
4. Effectively communicate.

General Studies Certificate

1. Demonstrate the ability to think critically and creatively.
2. Identify and apply analytical reasoning across academic disciplines.
3. Demonstrate and compose new works proficiently in oral and written communication.
4. Recognize and relate to literature and the arts, diversity, historical viewpoints, and global perspectives.

Health Care Technology - Medical Laboratory Assistant Option, Certificate

1. Graduates will demonstrate skills, knowledge and proper attitudes to realize a career as entry level Medical Laboratory Technicians in hospitals and other health care environments.
2. Graduates must demonstrate professionalism and conduct that reflects safe, legal, and ethical behavior.
3. Graduates will have the necessary knowledge to be able to pass a national certification examination.
4. Graduates must be able to communicate in a facilitative, purposeful and respectful manner with patients, families, colleagues, and other members of the health care team.
5. Graduates will have knowledge of prospective job information in an effort to achieve 100% placement within 3 months of graduation or for continuing their undergraduate education in medical technology or other field of their choice.

Industrial Technology, Certificate - Welding Option

1. Prepare students to become safe and competent welders
2. Provide opportunities to possess communication and critical thinking skills
3. Demonstrate responsible professional conduct and behavior
4. Effectively communicate

Information Technology, Certificate

1. Discuss and evaluate potential technology related ethical dilemmas and apply decision-making techniques to resolve them.
2. Demonstrate proficiency in selecting, implementing, and operating information technology solutions to meet project requirements.
3. Apply essential IT support skills in order to install, configure, secure, and troubleshoot operating systems, programs, networks, and pc hardware.
4. Prepared to take and pass industry standard certification exams.
5. Develop the ability to use oral and written communication effectively with clients and other industry professionals.
6. Engage in teams to develop and/or implement IT-based project solutions.

Medical Assisting, Certificate

1. Students will be able to skillfully perform and document routine clinical procedures.
2. Students will perform and document routine administrative procedures
3. Students will Communicate effectively, uphold legal, and ethical standards, and confidentiality for patient privacy.
4. Students will use critical thinking and problem-solving skills.
5. Students will evaluate the importance of professional growth and development
6. Students will collect, process and test diagnostic specimens
7. Students will maintain industry standards of quality control and safety principles in the workplace.

Medical Coding Specialist, Certificate

1. Describe professional ethics required in the medical coding field.
2. Illustrate knowledge of medical terminology, anatomy and physiology and pathologies of all the body systems when assigning diagnosis and procedure codes.
3. Accurately assign ICD-10-CM/PCS, CPT and HCPCS codes for diagnoses and procedures across all patient care types.
4. Apply the Official Coding Guidelines and Conventions when assigning diagnosis and procedure codes to all patient care types.
5. Differentiate healthcare payment systems, their functions, and their impact on healthcare reimbursement.

Paraprofessional Education, Certificate

1. Effectively use knowledge obtained in the education program in their chosen subject areas.
2. Create and maintain a learning atmosphere that fosters a supportive learning community.
3. Demonstrate knowledge in their content areas.
4. Foster and monitor student learning.
5. Participate as active members of their school communities; help to foster change when needed

Technical Studies, Certificate

1. Demonstrate the ability to think critically and creatively.
2. Identify and apply analytical reasoning across academic disciplines.
3. Demonstrate the specialized training and experience derived from the student's professional and technical coursework.
4. Recognize and relate to literature and the arts, diversity, historical viewpoints, and global perspectives.