Summary of Program Outcomes

Degrees

Associate in Arts Program Outcomes
The student will:
1. Demonstrate proficiency in effective verbal and written communication.
2. Identify and apply creative or critical thinking across various academic disciplines.
3. Recognize current perspectives on diversity and inclusion through inclusive literature, historical viewpoints, and emerging global perspectives.
4. Demonstrate and apply qualitative and/or quantitative methodologies and practices.

Associate in Science Program Outcomes
The student will:
1. Demonstrate proficiency in effective verbal and written communication.
2. Identify and apply critical thinking, problem-solving, and analytical reasoning skills using the scientific method.
3. Recognize current perspectives on diversity and inclusion through inclusive research, scientific viewpoints, and emerging global publications and journals.
4. Identify and apply accurate mathematical techniques and/or quantitative methodologies and practices

Board of Governor Program Outcomes
Upon completion of the Board of Governors A.A.S. degree, graduates will be able to
  1. Apply effective written and oral communication skills
  2. Work collaboratively in groups
  3. Think critically and solve problems
  4. Demonstrate practical application of quantitative and scientific reasoning skills
  5. Demonstrate analysis and evaluation of skill competencies derived from multiple sources including work, volunteer activities, hobbies, etc.
6. Demonstrate an understanding of the principles of good citizenship.

Business Accounting Program Outcomes
The student will:
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 Program Outcomes
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 Outcomes
The students will:
1. Utilize critical thinking to identify facts and evidence in order to make decisions in the criminal justice system and apply the law.
2. Prepare written reports and documents relating to criminal justice.
3. Compare the roles of the core criminal justice agencies within each of the three components of the criminal justice system.
4. Identify the elements of common and major crimes.
5. Demonstrate best practices relating to community policing and law enforcement community relations.
6. Manage a crime scene by identifying forms of evidence, demonstrating proper methods for preserving evidence, and writing the report.
7. Explain the importance of ethical decision-making.
8. Describe the personal impact of a career in criminal justice.
9. Demonstrate awareness of the diverse and multicultural components within their community.

Early Childhood Education Program Outcomes
The student will:
1. Effectively use technology in the development of lesson plans and learning activities for their students that will help them meet the requirements for the 21st-century learning standards for all students.
2. Create and maintain a learning environment that is welcoming to all students of all ethnicities and cultural backgrounds.
3. Develop lessons that allow all students to learn about cultures other than their own and teach inclusiveness and acceptance.
4. Demonstrate their command of written and verbal language by completing projects, developing lessons that will be taught in their future classrooms, and completing observations in an early childhood education classroom setting effectively.

5. Use critical thinking in their development of projects like funding proposals, student and staff manuals, developing supply lists, and completing research essays for various classes within the
6. Will be active members of their school communities participating and learning about the best way to educate and support all students in their classrooms, and being the voice of change when needed.

Electrical Engineering AAS Program Outcomes
Students will
1. Demonstrate the application of circuit analysis and design.
2. Apply and follow current safety standards for the electrical engineering Industry to ensure a safe workplace.
3. Demonstrate how to properly set up and use electrical equipment.
4. Apply mathematical reasoning to solve problems in the electrical engineering discipline.
5. Utilize computer software in the electrical engineering field.
6. Design solutions for electrical engineering problems.
7. Use proper electrical engineering terminology to effectively communicate with co-workers, engineers, and vendors.

Health Care Professional Program Outcomes:
The student will show:
 1. Ability to use critical thinking in a variety of healthcare settings.
2. Ability to apply mathematical reasoning in a variety of healthcare settings.
3. Ability to effectively communicate in a variety of healthcare settings.
4. Be mindful/respectful of diverse populations in healthcare settings.

Information Technology Program Outcomes
The student will:
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

MLT Program Outcomes
Graduates of the program will:
1. Demonstrate the skills, knowledge, and proper attitudes necessary to realize a career as an entry-level Medical Laboratory Technician in hospitals and other healthcare environments.

2. Demonstrate professionalism and conduct that reflects safe, legal, and ethical behavior

3. Communicate in a facilitative, purposeful, and respectful manner with patients, families, colleagues, and other members of the health care team.

4. Possesses the necessary knowledge to be able to pass a national certification examination. (Program Goals)

5. Know prospective job information 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

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 the West Virginia RN Board.
   - 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 Program Outcomes Current NHTSA Educational Standard Program Outcomes

The student will:

1. Integrate comprehensive knowledge of EMS systems, safety/well-being of the paramedic, and medical/legal and ethical issues, which is intended to improve the health of EMS personnel, patients, and the community across the lifespan and special needs.

2. Integrates a complex depth and comprehensive breadth of knowledge of the anatomy and physiology, and pathophysiology of all human systems in order to develop a plan of care that maintains a patent airway for all patients.

3. Integrates comprehensive anatomical and medical terminology and abbreviations into written and oral communication with colleagues and other health care professionals.
4. Applies fundamental knowledge of principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention.
5. Integrates comprehensive knowledge of pharmacology to formulate a treatment plan intended to mitigate emergencies and improve the overall health of the patient.
6. Integrates scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression. This includes developing a list of differential diagnoses through clinical reasoning to modify the assessment and formulate a treatment plan.
7. Integrates assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and implement a comprehensive treatment/disposition plan for a patient with a medical complaint.
8. Synthesize comprehensive knowledge of causes and pathophysiology into the management of cardiac arrest and peri-arrest states. Integrates comprehensive knowledge of the causes and pathophysiology into the management of shock, respiratory failure or arrest with an emphasis on early intervention to prevent arrest.
9. Integrates assessment findings with principles of epidemiology and pathophysiology to formulate a field impression to implement, prevent arrest, and develop a treatment/disposition plan for an acutely injured patient.

Radiology Technology Program Outcomes
1. Students will demonstrate clinical competency.
1.1 Students will produce radiographs of diagnostic quality
1.2 Students will demonstrate competence in preparing for and performing positioning for exams.
2. Students will demonstrate effective communication.
 2.1 Students will demonstrate effective oral communication as members of the health care team.
2.2 Students will demonstrate effective written communication related to health care.
3. Students will demonstrate effective critical thinking skills.
3.1 Students will adapt positioning and patient care for non-routine situations. 3.2 Students will critique images and adjust parameters to ensure diagnostic quality.

Respiratory Care Technology Program Outcomes
At the completion of this program, students will:
1. Demonstrate competence in performing all diagnostic and therapeutic procedures required of an entry-level respiratory therapist.
2. Communicate effectively within inter-professional teams and with diverse populations both verbally and through writing.
3. Demonstrate critical thinking skills and competence in the application of problem-solving strategies in the healthcare setting.

Salon Management Program Outcomes:
The student will

1. Apply management and marketing principles to the salon management field.
2. Perform basic manipulative skills required in the field of salon management.
3. Practice salon technology skills, and proper safety and sanitation procedures.
4. Display professional communication skills, verbal, written, and technical.
5. Integrate the West Virginia State Laws about the field of cosmetology.
6. Exhibit professional habits when working with other professionals and the public.

Surgical Technology Program Outcomes Program Outcomes
1. Students will communicate effectively and demonstrate behavior that corresponds to ethical and legal standards of the profession, uphold patient care standards, and adhere to the moral and honest 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 Degree Program Outcomes
The student will:
1. Demonstrate the specialized training and experience derived from the student's academic and vocational work.
2. Utilize effective written and verbal communication in the academic setting and the workplace.
3. Execute an understanding of technical skills and their application in the workplace.
4. Acquire and develop skills necessary to enter the workforce.
5. Develop a sense of social responsibility and receptive personality regarding culture, ethics, and inclusion.
6. Demonstrate critical thinking in the academic and workplace setting.
7. Establish a sense of self and professionalism in a global society.

Welding Program Outcomes
The student will:
1. Apply and follow current safety standards for the welding Industry to ensure a safe workplace.
2. Demonstrate how to set up and use welding equipment properly.
3. Apply various welding techniques for cutting ferrous and non-ferrous materials.
4. Apply mathematical reasoning to solve problems in the welding discipline.
5. Interpret blueprints and welding symbols to design solutions and create components.
6. Use proper welding terminology to communicate effectively with co-workers, engineers, and vendors.