Lamar State College Port Arthur

Student Learning Outcomes for Associate of Arts, Associate of Arts in Teaching, and Associate of Applied Science Programs

Academic and Technical Program Learning Outcomes

Office of Institutional Effectiveness
2-13-2023

Educational Program Student Learning Outcomes

Program Student Learning Outcomes (PSLO's) for educational programs at Lamar State College Port Arthur are determined by the type of program: Academic (Associate of Arts and Associate of Arts in Teaching) or the Technical (Associate of Applied Science).

Academic Associate of Arts and Associate of Arts in Teaching degrees
For the Associate of Arts and Associate of Arts in Teaching programs, Program Student Learning Outcomes are generated from one of two sources:
The AA in Academic Studies, Drama and Studio Arts follow the Texas Higher Education Coordination Board Texas Core Curriculum Core Objectives. These PLSO's (core objectives) are reviewed annually by the THECB Core Advisory Committee.
For the AA in Business Administration, Criminal Justice, & Kinesiology as well as the AAT in Teaching Arts, Teaching Music, Teaching Physical Education and Teaching Theater Arts; LSCPA has institutional program-specific PSLO's that have been created by the Dean of Academic and Technical Programs, the department chairs, program coordinators and/or faculty members.

Technical Associate of Applied Science degrees and certificates
For Technical programs, LSCPA has institutional program-specific PSLO's that have been created by the Dean of Academic and Technical Programs, the department chairs, program coordinators, program faculty, and/or the program advisory committee. Each program's learning outcomes are reviewed annually, or as degree plans change, and revisions are required.

Academic Programs

This Division is responsible for scheduling and administering the courses that transfer to four-year institutions, allied health programs that lead to certification or licensure, non-credit continuing courses, on-line courses, and courses conducted for dual credit in area high schools.

General Education and Developmental Studies

The General Education and Developmental Studies (GEDS) department provides instruction in the areas of Mathematics and Sciences, Liberal Arts, and Developmental Education. The curriculum in the GEDS department is designed to meet the requirements of the college's Core curriculum and to provide students with the background necessary to enable them to succeed following transfer to a baccalaureate program.

Associate of Arts in Academic Studies
1. Critical Thinking Skills – Uses creative thinking, innovation, inquiry and analysis, evaluation and synthesis of information. 2. Communication Skills – Demonstrates effective development, interpretation and expression of ideas through written, oral and/or visual communication. 3. Empirical and Quantitative Skills – Applies the manipulation and/or analysis of numerical data or observable facts resulting in informed conclusions. 4. Teamwork Skills- Shows the ability to consider different points of view and to work effectively with others to support a shared purpose or goal. 5. Social Responsibility Skills - Expresses intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities. 6. Personal Responsibility Skills – Integrates choices, actions and consequences in ethical decision-making

Associate of Arts in Criminal Justice
1. Demonstrate an understanding of the nature of crime and law and the workings of the criminal justice system's major components. 2. Analyze criminal justice policy to assess alternative responses to crime and quantitative applications. 3. Demonstrate the ability to identify, analyze, compare, and contrast the philosophy and function of the role of law enforcement in American society.

Health, Fitness, and Sports

The Department of Health, Fitness, and Sport provides a broad series of programs that enhance the mental, social, and physical well-being of the students, faculty, and staff. Courses offered from within the department fulfill the requirements for an Associate of Arts degree with an emphasis in Kinesiology.

Associate of Arts in Kinesiology
1. Describe fundamentals of Kinesiology, including anatomy and Physiology, health promotion, physiological response to exercise, and the mechanics of movement. 2. Apply scientific principles to evaluate the effectiveness of physical activity and conditioning programs. 3. Model behavior consistent with that of a Kinesiology professional.

Associate of Arts in Teaching Physical Education EC-12
1. Exhibit a basic knowledge of kinesiology including foundations, health, and injury prevention. 2. Model behavior consistent with a teaching professional. 3. Demonstrate an understanding of the requirements to be a public- school teacher.

Technical Programs

The Technical Programs Division offers technical education programs designed to provide students with the knowledge and skills necessary for employment in business and industry. Lamar State College Port Arthur offers technical programs in fields that include allied health, nursing, business, industry, music, drama, and art.

Allied Health

The Allied Health Department believes that learning is a continuous life-long process and maintains that each student has dignity and worth and brings unique experiences to the educational environment. The curriculum is based on clearly-stated objectives, relevant content and experiences, and evaluation of program components and outcomes.

Nurse Aid Certificate
Program Outcomes
1. Demonstrates the competencies to successfully complete the duties and requirements of a Certified Nurse Aide. 2. Demonstrates safe and competent care with individuals who have personal care needs. 3. Exhibits an understanding of patient/resident rights.

Associate of Applied Science Substance Abuse Counseling
Program Outcomes
1. Demonstrates effective, ethical, multicultural care for a diverse group of individuals within the scope of practice of a professional counselor in the field of behavioral addictions and substance use disorders. 2. Demonstrate the ability to conduct professional screening, assessment, treatment planning, prevention and education, case coordination services, and documentation of those services as a Substance Abuse Counselor.

3. Identify and demonstrate knowledge of the basics of counseling principles, theories and skills to include crisis management.
4. Demonstrate knowledge of the various models and theories of behavioral addictions and substance   use disorders and other problems related to addiction.

Associate of Applied Science Surgical Technology

Program Outcomes

1. Uses appropriate terminology related to anatomy and physiology, instruments, suturing, accessory equipment, and specialized equipment associated with surgical procedures.

2. Operates as a surgical technologist in the scrub role during all basic surgical procedures.

3. Demonstrates a surgical consciousness that promotes maintenance of a sterile field.

4. Practices within the legal and ethical framework of the surgical technologist.

Associate of Applied Science Upward Mobility LVN to ADN Nursing

Program Outcomes

1. Integrates professional caring into practice decisions within the Scope of Practice for a Registered Nurse.

2. Demonstrates safe, competent, holistic care for a diverse group of individuals who have complex health care needs.

3. Accept responsibility and accountability for the effectiveness of one's own nursing practice and professional growth.

4. Communicates effectively with clients, peers and other members of the interdisciplinary health care team to provide evidence-based care.

Certificate of Vocational Nursing (LVN)

Program Outcomes

1. Functions within the Scope of Practice for a Vocational Nurse.
2. Demonstrates safe, direct patient care with individuals who have predictable health care needs.
3. Exhibits professional nursing behaviors.
4. Cooperates with members of the interdisciplinary health care team to provide evidence-based care.

Business and Industrial Technology

The Business and Industrial Technology Department provides quality instructional programs that prepare students for entry into the workforce.

Associate of Applied Science Accounting

Program Learning Outcomes
      1. Utilize software to perform accounting tasks.
      2. Record transactions for all types of accounting transactions applying GAAP (Generally Accepted Accounting Principles).
      3. Prepare and analyze accounting reports.
      4. Define accounting terminology.
      5. Demonstrate ethical written and verbal skills.

Associate of Applied Science Business Office Management

Program Outcomes
      1. Demonstrates professionalism in the administrative workplace environment.
      2. Uses appropriate business administration skills.
      3. Uses appropriate office software applications.
      4. Creates effective business documents by applying ethical communication practices.
      5. Evaluates business documents.

Associate of Arts in Business Administration
1. Demonstrate an ability to integrate the concepts of the essential areas of business 2. Apply business reasoning to analysis of current events 3. Demonstrate an understanding of business terminology and concepts Use decision-making skills to address business needs 4. Demonstrate effective skills in written and oral communications using appropriate technologies 5. Demonstrate an understanding of ethical concepts as applied to business

Associate of Applied Science Cosmetology (Instructor & Operator)

Program Outcomes
      1. Models professional and ethical behavior.
      2. Practices all sanitary and safety measures that protect individual and public health.
      3. Demonstrates and instructs proficiency in all cosmetology skills.
      4. Prepares to pass the state board requirements.

Associate of Applied Science Culinary Arts & Hospitality

Program Learning Outcome
      1. Identify concepts, terms, and phrases associated with the culinary arts and hospitality industry.
      2. Identify and implement sanitation and safety procedures and regulations as required in the industry.
      3. Use fundamental cooking and baking techniques as well as advanced cooking skills.
      4. Identify and use advanced food service management theory, including food and labor cost controls, labor regulations, tax laws , tip reporting, franchise regulations and product liability laws.

Associate of Applied Science Drafting Technology

Program Learning Outcomes
1. Utilize drafting and CAD terminology, symbols and commands.
2. Practice ethical and professional practices in drafting.
3. Draw completed sets of plans for construction and manufacturing.
4. Utilize mathematical principles and measurements in order to create drawings.

Associate of Applied Science Heating, Ventilation, and Air Conditioning (HVAC)

Program Learning Outcomes
1. Demonstrates standard safety procedures as required in industry.
2. Troubleshoots air conditioning, heating, and refrigeration systems.
3. Prepares to pass the EPA Section 608 certification exam.
4. Demonstrates ability to read diagrams and schematics.
5. Identifies shop tools.
6. Demonstrates an understanding of electricity.

Associate of Applied Science Instrumentation Technology

Program Learning Outcomes
1. Identify control panel indicators, calibration tools, electrical parts, and how they work.
2. Utilize a multimeter and oscilloscope to differentiate between two AC signals with respect to voltage, current, and power.
3. Apply electronic circuit fabrication techniques to industry standards.
4. Explain the static and dynamic aspects of processes.
5. Analyze level and gas measurements to determine proper operating parameters of specific process and electrical equipment.
6. Demonstrates standard safety procedures as required in industry.

Associate of Applied Science Medical Coding Specialist

Program Learning Outcomes
1. Identify, pronounce, and spell medical terms.
2. Translate and interpret health abbreviations and symbols.
3. Utilize medical software applications.
4. Extract information from health records for appropriate code validation.
5. Sequence codes according to established guidelines and standards.
6. Analyze current health care trends.

Associate of Applied Science Medical Office Administration

Program Learning Outcomes

1. Utilize computer software for basic office functions.
2. Uses medical terminology, jargon, and abbreviations correctly.
3. Define general legal terms as they apply to the practice of medicine in ambulatory care settings.
4. Understand and apply ethics relevant to medical coding and medical office practice.
5. Apply ICD and CPT rules and guidelines to complete claims forms for submission.

Associate of Applied Science Paralegal

Program Learning Outcomes

1. Understand legal terms and the paralegal's role in the legal environment.
2. Apply correct drafting procedures to transactional and court documents.
3. Demonstrate appropriate ethics and professionalism in the legal environment.
4. Exhibit the ability to use computer skills.

Associate of Applied Science Process Technology

Program Learning Outcomes

1. Use technology to access operator-specific documentation and training.
2. Identify specific equipment and operating parameters to meet industry standards.
3. Describe the principles of quality control.
4. Diagram the process control elements in a control loop.
5. Identify basic processes, equipment, and systems to meet industry standards.
6. Implement standard safety procedures as required in industry.

Associate of Applied Science Software Developer/Game Design

Program Learning Outcomes

1. Utilize basic software development terminology and concepts.
2. Apply a software-development process to develop and troubleshoot a software product.
3. Create computer graphics for inclusion into a software product.
4. Explain ethical practices within the computer field.
5. Identify procedures for security risk management in the computer field.

Commercial Music, Visual and Performing Arts

The Commercial Music program is designed to provide you with a core curriculum that exposes you to a diverse set of skills and experiences needed to step into today's music production and business practices.

Associate of Applied Science Audiovisual Production

Program Learning Outcomes

1. Demonstrate basic proficiency in creating original music and audio that supports the visual narrative.
2. Demonstrate basic proficiency in short-form video production & editing, media delivery formats, and audiovisual workflow.
3. Recognize and observe professional best practices in the audiovisual field, including the various roles in film, audio engineering, and media.
4. Produce a final portfolio and resume suitable for entry-level employment in the audiovisual field.

Associate of Applied Science Commercial Music Performance
Program Learning Outcomes 1. Applies commercial music performance techniques to professional practice. 2. Applies commercial music sound engineering technology to support performance practices. 3. Applies basic music industry principles to professional practice. 4. Demonstrates professional behavior as characterized by a commitment to the profession.

Associate of Applied Science Graphics Design
Program Learning Outcomes 1. Prepares design elements for inclusion into a digital product 2. Creates original design elements for inclusion into a portfolio 3. Describes current trends in graphic design. 4. Demonstrates ethics and professionalism within the graphic design field.

Associate of Applied Science Sound Engineer
Program Learning Outcomes 1. Applies commercial music sound technology to professional practice. 2. Applies commercial music performance skill to support sound engineering practice. 3. Applies basic music industry principles to professional practice. 4. Demonstrates professional behavior as characterized by a commitment to the profession.

Associate of Arts Studio Art and Drama
1. Critical Thinking Skills – Uses creative thinking, innovation, inquiry and analysis, evaluation and synthesis of information. 2. Communication Skills – Demonstrates effective development, interpretation and expression of ideas through written, oral and/or visual communication. 3. Empirical and Quantitative Skills – Applies the manipulation and/or analysis of numerical data or observable facts resulting in informed conclusions. 4. Teamwork Skills- Shows the ability to consider different points of view and to work effectively with others to support a shared purpose or goal. 5. Social Responsibility Skills - Expresses intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities. 6. Personal Responsibility Skills – Integrates choices, actions and consequences in ethical decision-making

Associate of Arts Field of Study in Music
• Identify all components of written music up to the Impressionistic Era. • Demonstrate the ability to play the piano at a mid-level proficiency. • Demonstrate a mid-level understanding of performance practice for individuals and groups.

- Demonstrate the ability to identify chord progressions and melodies through listening.

- Demonstrate a beginning understanding of Western European and American music history.

Associate of Arts in Teaching Art EC-12

- Exhibit a basic knowledge of art including history, appreciation and creation.

- Model behavior consistent with a teaching professional.

- Demonstrate an understanding of the requirements to be a public school teacher

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Associate of Arts in Teaching Music EC-12

- Demonstrate a beginning understanding of Western European and American music history.

- Identify names of lines and spaces on treble and bass clefs, all printed note values, foundational music terms, and major key signatures.

- Demonstrate the ability to play the piano at a mid-level proficiency.

- Garner a basic understanding of the music education profession.

Associate of Arts in Teaching Theatre Arts EC-12

- Demonstrate a beginning understanding of Acting and the art of Stagecraft.

- Garner a basic understanding of the Theater Arts Education profession.

- Demonstrate the ability to create a character with the voice, body, face, and mind through on stage performances.