Program Level Outcomes by List of Program
Last Update - June 28, 2012

AS Degree in Accounting (Career)
- Accumulate, record, and analyze financial data.
- Prepare accurate reports for decision making and regulatory compliance.
- Understand accounting and business terminology used in business scenarios, and be proficient with commonly used office software programs.

AS Degree in Addiction Studies (Career)
- Apply and document accepted case management practices from clinical evaluation, treatment planning, and referral for continuity of care.
- Demonstrate reflective listening and other counseling communication skills in individual, group process and crisis counseling as well as consultation with other professionals.
- Design and compare culturally relevant client, family and community education presentations on addiction, health, high risk behavior, life skills, treatment and recovery.
- Document a client record for addiction treatment based on current theory, practices, and principles of addiction treatment from intake to discharge.
- Identify, adopt, and implement established codes of ethics and standards of practice to promote and protect client rights.

AS Degree in Administration of Justice (Career)
- Recognize and describe the relationships between modern criminology and our political, social, and religious systems.
- Explain the historical development and philosophy of law.
- Perform legal research independently and interpret, analyze and defend appellate court decisions.
- Communicate effectively in a variety of situations and prepare acceptable investigative reports.
- Demonstrate an understanding of modus operandi, basic crime scene investigation, proper identification and collection of evidence.
- Demonstrate an understanding of interviews and lawful interrogation techniques.

AS Degree in Agriculture Business (Career)
- Accumulate, record, and analyze agricultural financial data.
- Analyze specific agricultural markets to explain and predict changes in price and economic behavior.
- Make effective business decisions using a systematic, information-based approach.

AS Degree in Automotive Technology (Career)
- Explain the principles of operation and maintenance required to repair all systems of the modern automobile.
- Safely and correctly maintain, diagnose and repair specific areas of the vehicle.

AS Degree in Biological Science (Transfer)
- Critically analyze and accurately express an understanding of scientific work in the context of the scientific method.
- Apply knowledge of fundamental biological principles such as evolution and taxonomy and ecological, physiological and molecular processes.
- Correctly employ scientific techniques and correctly use scientific equipment.

AS Degree in Building Inspection Technology (Career)
- Read and interpret, and analyze building codes and defend code interpretation.
- Read building plans and specifications, analyze code applicability, and verify that the plan meets the intent of the codes.
- Apply building codes to the built environment.
• Communicate effectively in a variety of situations and with a variety of individuals, both verbally and in writing.

AS Degree in Computer Information Systems (Career)
• Identify and describe the operation of the major computer hardware systems and components.
• Use a variety of computer applications.
• Describe the social and economic impacts which computers have had on modern society.
• Describe the ethical responsibilities of computer and information technology professionals.
• Design, implement, and test computer software

AS Degree in Computer Science (Transfer)
• Describe the organizational structure of computer hardware and its connection to computer software.
• Apply the structured approach to computer software system design.
• Apply the object-oriented approach to computer software system design.
• Document program source code following established conventions and standards.

AS Degree in Cosmetology (Career)
• Safely and accurately use all equipment and products relating to the industry.
• Demonstrate the most current methods and procedures using professional tools and equipment.
• Apply necessary health and safety rules.
• Demonstrate appropriate communication skills.
• Demonstrate an orderly performance of all tasks and skills, establishing methodical habits without sacrificing artistic skills.

AS Degree in Drafting and CAD Technology (Career)
• Describe the role of technical graphics in the engineering design process.
• Produce dimensioned technical drawings using both manual sketching techniques and computer-aided drafting and design software.
• Read and interpret the technical information provided by construction drawings, plot plans, floor plans, system blueprints, and elevations.

AS Degree in Fire Technology (Career)
• Analyze the causes of fire, determine extinguishing agents and methods of extinguishment, differentiate the stages of fire, and compare methods of heat transfer.
• Identify and comprehend laws, regulations, codes and standards that influence fire department operations, and identify regulatory and advisory organizations that create and mandate them, especially in the areas of fire prevention, building codes and firefighter health and safety.

Certificate of Achievement in Heavy Equipment Operator Technician (Career)
• Explain the principles of operation and maintenance required to operate and support modern agricultural and industrial powered equipment.
• Demonstrate the ability to safely and correctly maintain and operate a range of agricultural and industrial powered equipment.

AA-T in History (Transfer)
• Identify major developments in the history of the United States and of the world, and examine the past from diverse perspectives.
• Apply historical reasoning to the study of the past and to think in terms of causation, context, chronology, and change and continuity.
• Utilize historical method through posing questions and conducting research, analyzing evidence, and articulating defensible conclusions.
AS Degree in Law Enforcement Academy-Basic (Career)
- Meet or exceed the requirements as set forth by P.O.S.T., consisting of 42 comprehensive learning domains (see AJLE-140 course outline).
- Demonstrate, through written exams, crime scene scenario testing, and manipulative skills, core competencies as mandated by P.O.S.T.

AS Degree in Law Enforcement Academy-Basic/ Fish and Game Emphasis (Career)
- Demonstrate competency in 42 P.O.S.T. learning domains (see AJLE-142 course outline).
- Demonstrate, through written exams, crime scene scenario testing, and manipulative skills, core competencies as mandated by P.O.S.T.
- Demonstrate, through written exams, DFG scenario testing, and manipulative skills, core competencies as mandated by DFG

AS Degree in Natural Resources (Career)
- Describe and apply the basic elements of the scientific method.
- Identify basic environmental problems and describe how they affect the environment’s biotic and abiotic components.
- Identify the main fish and game species located within the state and/or region of desired employment.
- Evaluate the modern and historical roles of human impact on wildlife and wildlife management.

AS Degree in Real Estate (Career)
- Identify and explain real estate concepts and principles.
- Create a Competitive Market Analysis for a Real Estate property so that they can evaluate properties based on factual data.
- Analyze legal contracts associated with real estate transactions, and identify and explain their uses, components and implications.

AS Degree in Respiratory Care (Career)
- Demonstrate a solid professional and general medical knowledge base.
- Accurately interpret pertinent clinical information from medical records and physical findings.
- Recommend appropriate therapeutic interventions based on physiological data and patient assessment data.
- Demonstrate sound clinical judgment and is proficient in the clinical skills required on the job.
- Demonstrate efficient performance of an overall patient assessment.
- Competently perform the therapeutic procedures and modalities, and diagnostic procedures required on the job.
- Demonstrate effective oral and communication skills.
- Exhibit ethical and professional manners, including timely and prepared entrance to clinic and contributing to a positive work environment.
- Function effectively as a member of the health care team, accepts supervision and works effectively with supervisory personnel.
- Demonstrate self-direction and responsibility for his/her own actions.
- Display respect for beliefs and values of all persons regardless of cultural background, religion, age, or lifestyle.

AS Degree in Small Business/Entrepreneurship (Career)
- Make effective business decisions using a systematic, evaluative, information-based approach.
- Develop and exhibit high standards of professional practice, demonstrating awareness of ethical and social responsibilities in today’s multi-cultural, team-oriented, rapidly-changing environment.

AS Degree in Welding Technology (Career)
- Judge and evaluate welding projects based upon standards, criteria, values and opinions.
- Select proper equipment and procedures required by AWS, ASME, and API welding code specifications.