

# Program Learning Outcomes

Unit Name	Outcome
PoS (Administration of Justice) - Administration of Justice	Students will define a "crime" and be able to identify recognized defenses to criminal liability.
	Students will define the term 'plea bargaining' and discuss the pros and cons to all parties involved with this process.
	Students will discuss the constitutional protections provided by the Fourth Amendment and how it affects the day-to-day operations within the criminal justice system.
PoS (Administration of Justice) - Fire Technology	Students will identify the three subsystems within the criminal justice system and briefly discuss the roles and responsibilities of each.
	Student shall recognize environmental hazards that will adversely affect personal safety.
	Student shall select and don the appropriate personal protective equipment based upon a given emergency incident.
PoS (Allied Health) - Health Information Technology	Student will identify a patient in distress, assess the patient, and apply the appropriate treatment modality.
	Abstract health records for department indices/databases/registries
	Apply legal principles, policies, regulations and standards for the control and use of health information
	Apply principles of supervision and leadership using various tools to effectively manage human resources, financials and the methods for analyzing and improving HIM departmental systems
	Apply quality improvement tools and techniques to improve HIM departmental processes
	Code, classify, and index diagnoses and procedures for the purpose of reimbursement, standardization, retrieval and statistical analysis
	Collect, compute, analyze, interpret, and present statistical data related to health care services
	Demonstrate clear and effective communication skills, critical thinking, and problem solving within their scope of practice.
	Develop, implement and monitor procedures to ensure healthcare data integrity
	Monitor, interpret and apply laws referencing accreditation, licensure and certification standards that affect healthcare data
PoS (Allied Health) - Respiratory Therapy	Perform functions related to the collection, storage, and retrieval of healthcare data
	Perform quantitative and qualitative analysis of health records
	Students will be able to demonstrate competency in coding medical diagnoses and procedures from electronic health records in a clinical setting
	Use principles of life sciences and information technology to implement and evaluate solutions to healthcare information technology problems
	Student should be able to demonstrate equipment manipulation, infection control and quality control.
PoS (Anthropology/Geography/Geology) - Anthropology	Student should be able to evaluate a patient and develop a respiratory care treatment plan.
	Student should be able to initiate and modify therapeutic procedures
	Student should be able to make recommendation and evaluate patient data
	Students can distinguish a culturally relativistic explanation of human behavior from an ethnocentric one.
PoS (Anthropology/Geography/Geology) - Geography AAT	Students can identify the general path of human evolution and the evidence in support of it.
	Students can analyze and interpret geographic patterns using maps, graphs, Geographic Information Systems and other analytic tools commonly employed by geographers.
	Students can demonstrate their understanding of the complex linkages between the geosphere, the atmosphere, the hydrosphere, and the

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	biosphere, and the manner in which Earth's different landscapes are formed.
	Students can describe the geographic character of human society and activities, and aspects of globalization in contemporary life.
PoS (Anthropology/Geography/Geology) - International Trade	Assess and fomulate knowledge of global trade, cultures, languages, and technology as a foundation for applicable workforce skills and/or further studies in international business.
	Explain and employ import/export procedures, documentation, and international commercial terms of trade and payments.
	Recognize and distinguish the vast components of global trade ranging from international treaties, laws, regulations, and transport systems to international supply chain management and marketing.
PoS (Architecture) - Architecture	Communicate effectively and professionally in the architectural environment through proper use of verbal, written, and graphic techniques.
	Develop architectural drawings and presentation drawings.
PoS (Architecture) - Architecture Transportation Planning	Identify and apply auto and mass transit circulation criteria to building environments.
PoS (Art) - Animation	A demo reel with one animated short project that visually demonstrates animation principles including: squash and stretch, anticipation, overlapping and secondary action, easing in and easing out
	A sketchbook showing visual concept development
	The student completing the Art Program of Study will enhance their visual literacy through the acquisition of observational, technical, and analytical skills.
PoS (Art) - Art	The student completing the Art Program of Study will enhance their visual literacy through the acquisition of observational, technical, and analytical skills.
PoS (Art) - Art History	Apply art historical terminology and methodology in comparatively analyzing the semiotics of world visual culture.
PoS (Art) - Arts Graphic Communication	The student completing the Art Program of Study will enhance their visual literacy through the acquisition of observational, technical and analytical skills.
PoS (Art) - Multimedia	A demo reel that visually communicates the application of multimedia aesthetics
	Technological literacy demonstrated in a demo reel
PoS (Automobile Technology) - Automobile Technology	Students will generate a work order documenting the service required and be able communicate the cause of the concern and what the recommended correction will be.
	The students will be able to analyze a wiring diagram and determine the circuit fault.
	To effectively measure the student's knowledge in automotive studies, ELAC students will take the ASE Student Certification Tests. The tests are developed, delivered and scored by the National Institute for Automotive Service Excellence (ASE). ELAC will serve as proctor for the tests.
PoS (Business) - Accounting	Compile financial data into basic financial statements required under generally accepted accounting principles using manual and computerized accounting systems.
	Use critical thought through evaluation and analysis of financial statement information for economic decision making.
PoS (Business) - Business Management	Formulate, design and develop a business plan.
	Identify and integrate the functional areas of business including management, marketing, computer and software systems, accounting and finance.
PoS (Business) - Computer Science Information Technology	Apply logical skills to programming in a variety of languages.

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	Students have acquired knowledge in the following areas: use of computers; basic skills in using word processing, spreadsheets, and presentation applications; website design; introduction to networking; database design; and programming skills.
PoS (Business) - Real Estate	Access the Internet and use keyword searches, find information relevant to legal and ethical issues commonly arising in real estate transactions. Apply Real Estate terminology, concepts, standard forms and office procedures to actualize a successful real estate sale. Apply Real Estate terminology, concepts, standard forms and office procedures to pass the salesperson and broker exam.
PoS (CAOT) - Internet Specialist	Demonstrate competence in the use of the Internet to complete such business-related activities as communication, research, and e-commerce. Demonstrate competence in the use of web-authoring software to design and edit web pages, applying grammar, spelling, punctuation, and formatting.
PoS (CAOT) - Legal Assistant	Demonstrate competence in the use of business-related software to produce legal documents and correspondence, applying correct grammar, terminology, punctuation, and formatting. Use effective communications.
PoS (CAOT) - Office Support	Demonstrate competence in the use of business-related software to produce documents, such as letters, memos, email messages, reports, tables, presentations, spreadsheets, databases, and web pages, applying correct grammar, spelling, punctuation, and formatting. Use effective communications.
PoS (CAOT) - Technology and Logistics	Analyze various logistics business scenarios and operations to determine where there is an increase or decrease in income or expenses. Illustrate the major processes within a global supply chain network and explain their various contributions toward creating value.
PoS (Chemistry) - Chemistry	Students will apply major concepts and theories in Chemistry to describe or explain chemical phenomena. Students will relate the significance of chemical principles to their respective educational field of study.
PoS (Chicana/o Studies) - Chicana/o Studies	Students will be able to critical examine and interpret cultural expressions of Chicana/o and Latina/o communities within a critical context. Students will be able to evaluate the historical experiences of the Chicana/o people within the legal, political cultural, and social structures found in the United States and Mexico.
PoS (Child Development) - Child Development	Create a developmentally appropriate and culturally relevant curriculum experiences and quality environments.
PoS (Engineering) - Engineering Graphics & Design (CADD)	Apply 2-D and 3-D Computer Aided Drafting (CAD) techniques to render parts and assemblies. Develop, construct and test project prototypes and disseminate through technical reports and presentations. Employ Geometric Dimensioning & Tolerancing (ASME Y14.5) industry standard while interpreting 2-D and 3-D drawings.
PoS (English) - Academic English as a Second language	Students will demonstrate readiness for mainstream English classes by composing a basic, coherent academic essay. Students will demonstrate readiness for mainstream English classes by comprehending, summarizing, and responding to academic texts. Students will have adequate academic reading skills to successfully complete mainstream English classes. Students will have adequate academic writing skills to successfully complete mainstream English classes.
PoS (English) - Developmental Reading and Composition	Compose an essay that makes use of source material that is relevant and reliable, and which integrates sources in accordance with an appropriate style guide. Demonstrate critical thinking skills by conducting research, evaluating source material and presenting supportive, reasoned arguments on substantives issues. Students will demonstrate the ability to analyze and respond to college level texts.
PoS (English) - English AAT	By the end of the semester, students will be able to write a 7-10 page research paper that will effectively integrate outside sources to illuminate

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PoS (English) - English AAT	one or two particular literary texts. Through an in-class final exam, students will analyze passages/texts from a representative author/authors that demonstrate the students' comprehensive understanding of the significance of this writer's/these writers contribution to the specific genre.
PoS (Kinesiology) - AA Physical Education	Discuss the importance of lifelong participation in a fitness program as related to overall health and well-being. Explain the process of determining the validity of fitness and health information using the scientific method and the relationship between scientific research and established knowledge. Identify physical fitness concepts, healthy living practices, lifelong wellness, appropriate stress-reduction techniques, sport, dance, and physical skill development.
PoS (Life Sciences) - Health Sciences	Analyze and interpret data to distinguish various physiological anomalies. Compare and contrast healthy versus diseased tissue. Locate and identify various organs, muscles and bones in the human body.
PoS (Life Sciences) - Transfer Biology	Describe the flow of genetic information, the chromosome theory of heredity and the relationship between genetics and evolutionary theory. Evaluate the principles of evolutionary biology and identify the taxonomy and phylogenetic relationships of the major groups of organisms. Recognize the relationship between structure and function at all levels : molecular, cellular and organismal
PoS (Mathematics) - Mathematics Program of Study	Students compose a C++ program. Students solve a problem requiring derivatives. Students solve a problem requiring integration.
PoS (Media Arts & Technologies) - Desktop Publishing	Students will be able to create strong & effective single & multiple page layouts that employ the basic principles of Graphic Design, Photography and Journalism.
PoS (Media Arts & Technologies) - Journalism	Students will be able to perform professional level work required in a career in the news media. Students will demonstrate ethical journalism.
PoS (Media Arts & Technologies) - Photography, Inclusive	Correctly operate technology to record and display photographic imagery. Demonstrate the practical application of aesthetics.
PoS (Media Arts & Technologies) - Photography, Professional	Correctly operate technology to record, manipulate and display photographic imagery. Demonstrate aesthetics in keeping with entry level or better freelance or industry work. Demonstrate the presentation that meets or exceeds professional standards.
PoS (Modern Languages) - Modern Languages	Demonstrate awareness of cultural conventions Listen/watch and comprehend a passage in the target language in a variety of contexts and formats. Speak/sign and write clearly and accurately in a variety of contexts and formats in the target language.
PoS (Music) - Music	Analyze form and basic harmonic structure. Interpret, analyze, and perform easy intermediate-level performance literature, demonstrating the application of correct note accuracy, technique, fingering, rhythm, dynamics, phrasing, articulation, pedaling, and style.

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PoS (Nursing) - Nursing	<p>Plan and evaluate practice sessions to improve technique and musicianship in repertoire to a concert performance level.</p> <p>The graduate nurse, guided directly or indirectly by an experienced Registered Nurse, in a variety of health care settings will demonstrate the ability to make reasonable clinical judgments through the use of the nursing process and evidence-based practice by integrating the nursing process to promote health of individuals and groups</p>
PoS (Philosophy) - Philosophy Core Courses Program	<p>Utilizing a body of scientific knowledge that incorporates the Nursing Process, Eric Erikson's Developmental Theory, and Maslow's Hierarchy of Need, the graduate nurse will demonstrate competence in caring for patients and in participating with patients, families, significant others, and members of the health care team to establish patient- oriented goals and plans of care directed towards promoting and restoring the patient's optimal level of functioning.</p> <p>Students will be able to apply a value theory to an ethical situation.</p>
PoS (Physics) - Physics	<p>Students will be able to name key thinkers and theories in the field of Philosophy.</p> <p>Students will demonstrate logical skills through argument analysis.</p> <p>After completing the Physics Program of Study at East Los Angeles College, students will be able to apply their knowledge of physics principles, concepts and equations to solve a wide variety of problems in physics including mechanics, thermodynamics, waves, optics, electricity, magnetism &amp; modern physics using calculus.</p>
PoS (Psychology) - Chemical Dependency Program	<p>After completing the Physics Program of Study at East Los Angeles College, students will be able to demonstrate an ability to effectively collect, record and analyze data, as well as to express their findings in written form.</p> <p>Compare and contrast the difference among assessment, intervention, treatment, and prevention in the recovery process.</p>
PoS (Psychology) - Psychology AAT	<p>Apply critical thinking, skeptical inquiry, and the scientific approach to solve problems related to behavior and mental processes.</p> <p>Understand and apply basic research methods in psychology, including research design, statistical analysis, and interpretation.</p>
PoS (Psychology) - Recovery Specialist	<p>Compare and contrast the difference among assessment, intervention, treatment, and prevention in the recovery process.</p> <p>The student will compare and contrast alcohol and drug abuse vs. alcohol and drug dependence.</p>
PoS (Social Sciences) - History	<p>Analyze and evaluate, using historical arguments, the roles of race, class, gender, culture, and/ or ethnicity in the history of the United States, Western, and/ or Global societies across time as regards historical issues and/ or historical evaluations.</p> <p>Analyze and evaluate, using historical arguments, the significance of change across time in the intellectual, political, economic, social, and/ or cultural history of the United States, Western, and/ or Global societies as regards historical issues and/ or historical evaluations.</p> <p>Interpret and evaluate a primary source document including articulating its context and composing an argument that uses the document as evidence.</p>
PoS (Social Sciences) - Political Science	<p>Students in Political Science classes will demonstrate greater interest in Political Science.</p> <p>Students majoring in Political Science will be able to apply, analyze and evaluate the leading theories and essential concepts in American Government, Comparative Politics, and International Relations.</p>
PoS (Social Sciences) - Sociology	<p>Students will be able to apply and recognize Sociological terms, concepts and theories to everyday situations and their own lives and communities.</p> <p>Students will garner a critical understanding of the complex interplay between social circumstances and individual experience.</p> <p>Understand and express in writing the implementation of methods for a social scientific research project.</p>
PoS (Theater Arts) - Stage Management and Production CoA	<p>Students will apply knowledge acquired in the certificate program to perform as leaders of the production teams in theatre productions.</p>

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PoS (Theater Arts) - Theatre A.A.	Students will apply knowledge acquired in AA program to appreciating or participating in theatre productions. Students will be able to apply principles of performance in live theatre. Students will understand the historical and philosophical context of Theatre.