



COMMUNITY  
COLLEGE  
of AURORA

# PROGRAM LEARNING OUTCOMES

## BIOLOGY AS

### Program Learning Outcome #1:

Apply biological vocabulary and key concepts to interpret new information and situations.

### Program Learning Outcome #2:

Manipulate data in mathematical form to formulate scientific predictions and conclusions.

### Program Learning Outcome #3:

Manipulate data in mathematical form to formulate scientific predictions and conclusions.

## BUSINESS - GENERAL CERT

### Program Learning Outcome #1:

Construct effective oral communications that will convey information appropriate to a professional business audience.

### Program Learning Outcome #2:

Demonstrate numerical literacy that supports effective business decisions.

### Program Learning Outcome #3:

Explain the impact of economic theory on today's business environment.

### Program Learning Outcome #4:

Discuss the importance of the legal framework of today's business environment.

## BUSINESS - HUMAN RESOURCE MANAGEMENT CERT

### Program Learning Outcome #1:

Construct an employee life cycle presentation.

### Program Learning Outcome #2:

Analyze an organizations performance management system.

### Program Learning Outcome #3:

Articulate the legal implications of an organizational scenario.

### Program Learning Outcome #4:

Discuss how employee benefits increase organizational sustainability.

## BUSINESS - REAL ESTATE CERT

### Program Learning Outcome #1:

Demonstrate a broad understanding of Colorado real estate laws and regulations in order to effectively perform the duties associated with a real estate salesperson position.

### Program Learning Outcome #2:

Describe the various ways of acquiring title of real property and interpret the laws governing contracts in general, including agency.

### Program Learning Outcome #3:

Evaluate various types of ownership and financing techniques common to residential real estate.

## BUSINESS AA

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Construct effective oral communications that will convey information appropriate to a professional business audience.

### Program Learning Outcome #2:

Demonstrate numerical literacy that supports effective business decisions.

### Program Learning Outcome #3:

Explain the impact of economic theory on today's business environment.

### Program Learning Outcome #4:

Discuss the importance of the legal framework of today's business environment.

## CHEMISTRY AS

### Program Learning Outcome #1:

Communicate scientific knowledge clearly and logically.

### Program Learning Outcome #2:

Apply key chemistry concepts to interpret new information and situations, and to formulate and defend scientific predictions and conclusions.

### Program Learning Outcome #3:

Use mathematical techniques in solving quantitative chemistry problems.

### Program Learning Outcome #4:

Demonstrate the ability to perform multi-step synthetic and analytical techniques in the chemistry laboratory.

## CIVIL ENGINEERING AES

### Program Learning Outcome #1:

Demonstrate ability to present engineering analyses.

### Program Learning Outcome #2:

Demonstrate ability to work in a team setting.

### Program Learning Outcome #3:

Demonstrate the ability to utilize the engineering design process.

### Program Learning Outcome #4:

Demonstrate the ability to use scientific knowledge to solve engineering problems.

## COMMUNICATION AA

### Program Learning Outcome #1:

Construct well-reasoned messages.

### Program Learning Outcome #2:

Create a sense of connectedness while engaging with others.

### Program Learning Outcome #3:

Disseminate clear messages responsibly.

### Program Learning Outcome #4:

Demonstrate appropriate behavior(s) in a given context.

## COMPUTER INFORMATION SYSTEM AAS

### Program Learning Outcome #1:

Communicate across both user and developers.

### Program Learning Outcome #2:

Ability to analyze systems and create business requirements documentation.

### Program Learning Outcome #3:

Assist customers in the design, implementation, and support of moderately complex technology solutions.

### Program Learning Outcome #4:

Ability to accurately diagnose common business problems and recommend appropriate technology-based solutions.

## COMMUNICATION AA

### Program Learning Outcome #1:

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Create a sense of connectedness while engaging with others.

### Program Learning Outcome #3:

Disseminate clear messages responsibly.

### Program Learning Outcome #4:

Demonstrate appropriate behavior(s) in a given context.

## COMPUTER SCIENCE AAS

### Program Learning Outcome #1:

Identify problems and formulated solutions to meet the needs of organizations.

### Program Learning Outcome #2:

Analyze, design, implement, and evaluate computer-based systems, their processes and components, and use this information to develop computer applications to meet the needs of users.

**Program Learning Outcome #3:**

Apply computing theory and programming principles to implement practical software design.

**Program Learning Outcome #4:**

Implement software systems that meet specified design and performance requirements.

**Program Learning Outcome #5:**

Design, correctly implement, and document solutions to computational problems.

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Design, correctly implement, and document solutions to computational problems.

**CONSTRUCTION ESTIMATING CERT****Program Learning Outcome #1:**

Prepare estimates for materials.

**Program Learning Outcome #2:**

Appraise and track the necessary materials and process as they relate to the type of job being managed.

**Program Learning Outcome #3:**

Prepare realistic estimates for materials, equipment, and labor.

**Program Learning Outcome #4:**

Communicate with internal stakeholders both in writing and verbally in the construction process.

**CONSTRUCTION SUPERINTENDENT CERT****Program Learning Outcome #1:**

Understand the rules, regulations, and codes for building.

**Program Learning Outcome #2:**

Understand the necessary materials and process as they relate to the type of job being managed.

**Program Learning Outcome #3:**

Manage the construction process from a scheduling and human resources management perspective.

**CRIMINAL JUSTICE AA****Program Learning Outcome #1:**

Describe the historic origins to present day structure, and operation of our American Criminal Justice, Courts and Corrections system at both the local and federal levels.

**Program Learning Outcome #2:**

Explain how an ethical criminal justice system and participatory citizenship protect constitutional freedoms.

**Program Learning Outcome #3:**

Demonstrate an understanding of the laws, Constitutional requirements, and legally defined procedures that criminal justice professionals have to adhere to when working within the field of criminal justice.

**Program Learning Outcome #4:**

Articulate ethical implications of decision making in a professional capacity.

**Program Learning Outcome #5:**

Show sufficient critical self-awareness to identify and ameliorate the influence of personal biases and values when interacting with diverse groups in criminal-related issues.

**CRIMINAL JUSTICE AAS****Program Learning Outcome #1:**

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Demonstrate an understanding of the laws, Constitutional requirements, and legally defined procedures that criminal justice professionals have to adhere to when working within the field of criminal justice.

**Program Learning Outcome #4:**

Show sufficient critical self-awareness to identify and ameliorate the influence of personal biases and values when interacting with diverse groups in criminal-related issues.

**Program Learning Outcome #5:**

Demonstrate specialized and holistic knowledge of the Criminal Justice system and the law enforcement profession required for entry level law enforcement and criminal justice professionals.

**CYBER SECURITY AAS****Program Learning Outcome #1:**

Identify commonly-used networking tools/devices/ protocols, including Ethernet, switches, routers, LAN, VPN, and WAN.

**Program Learning Outcome #2:**

Apply proficiency with the operation, maintenance, and monitoring of network devices, including hardware, software, and operating systems.

**Program Learning Outcome #3:**

Understand information security concepts to ensure data's confidentiality, integrity, and availability while at rest, in transit, or in use.

**Program Learning Outcome #4:**

Ability to identify, analyze, and mitigate security risks and threats.

**Program Learning Outcome #5:**

Ability to utilize security solutions (access control, intrusion detection, etc.) to defend, monitor, and remediate security risks and threats.

**DIESEL POWER MECHANICS AAS****Program Learning Outcome #1:**

Serve as an entry level diesel technician with the ability to work safely in a shop environment.

**Program Learning Outcome #2:**

Serve as diesel technician with the ability to repair heavy diesel equipment.

**Program Learning Outcome #3:**

Communicate effectively with co-workers, supervisors, and customers to facilitate the needed repairs of vehicles and equipment.

**EARLY CHILDHOOD AA****Program Learning Outcome #1:**

Upon completion of the program, students demonstrate knowledge and understanding of child development, pedagogical teaching practices and strategies.

**Program Learning Outcome #2:**

Students demonstrate the ability to provide a responsive classroom setting where student-centered, social and emotional learning approaches and supports to teaching and discipline are used.

**Program Learning Outcome #3:**

Design, implement, and critically analyze meaningful curriculum through use of academic disciplinary knowledge, to enhance learning outcomes for all children.

**Program Learning Outcome #4:**

Conduct themselves as knowledgeable professionals focused upon providing and advocating for quality care and education in a variety of settings, across the early childhood age span (i.e., birth through age 8y).

**EARLY CHILDHOOD EDUCATION: DIRECTOR CERT****Program Learning Outcome #1:**

Students will apply the National Association for the Education of Young Children Principles and practices in interactions with young children, families, and other professionals. (NAEYC Standard 2).

**Program Learning Outcome #2:**

Students enrolled in the program will observe and practice in at least two of the three early childhood age groups (birth – age 3, 3-5, 5-8) (NAEYC Standard 7).

**Program Learning Outcome #3:**

Students will establish and maintain positive, productive relationships with families, respect family choices and goals for children, communicate effectively and meaningfully with families and use families as a primary source of information in designing, implementing and evaluating a meaningful and developmentally appropriate curriculum that demonstrates a wide array of teaching practices that meet the needs of the individual child. (NAEYC Standard 4).

**Program Learning Outcome #4:**

Students enrolled in the Education Department program will identify and conduct themselves as members of the early childhood profession. (NAEYC Standard 6).

**EARLY CHILDHOOD: ENTRY LEVEL CERT****Program Learning Outcome #1:**

Students will apply the National Association for the Education of Young Children Principles and practices in interactions with young children, families, and other professionals. (NAEYC Standard 2).

**Program Learning Outcome #2:**

Students will establish and maintain positive, productive relationships with families, respect family choices and goals for children, communicate effectively and meaningfully with families and use families as a primary source of information in designing, implementing and evaluating a meaningful and developmentally appropriate curriculum that demonstrates a wide array of teaching practices that meet the needs of the individual child. (NAEYC Standard 4).

**EARLY CHILDHOOD: TEACHER CERT****Program Learning Outcome #1:**

Students will use evidence-based knowledge of child development and learning to understand that each child's learning and development is unique to create safe, healthy, respectful and inclusive learning environments that provide responsive, developmentally appropriate learning opportunities. (NAEYC Standard 1).

**Program Learning Outcome #2:**

Students enrolled in the program will observe and practice in at least two of the three early childhood age groups (birth – age 3, 3-5, 5-8) (NAEYC Standard 7).

**Program Learning Outcome #3:**

Students will establish and maintain positive, productive relationships with families, respect family choices and goals for children, communicate effectively and meaningfully with families and use families as a primary source of information in designing, implementing and evaluating a meaningful and developmentally appropriate curriculum that demonstrates a wide array of teaching practices that meet the needs of the individual child. (NAEYC Standard 4).

**Program Learning Outcome #4:**

Students will use evidence based knowledge of child development and learning to understand that each child's learning and development is unique to create safe, healthy, respectful, and inclusive learning environments that provide responsive, developmentally appropriate learning opportunities (NAEYC standard 1).

**ECONOMICS AA****Program Learning Outcome #1:**

Demonstrate a knowledge of supply and demand, as well as microeconomic theory.

**Program Learning Outcome #2:**

Demonstrate a knowledge of supply and demand, as well as macroeconomic theory.

**Program Learning Outcome #3:**

Understand economic institutions.

**EMERGENCY MEDICAL TECHNICIAN: BASIC CERT****Program Learning Outcome #1:**

Apply appropriate noninvasive airway management techniques to patients experiencing an airway condition.

**Program Learning Outcome #2:**

Provide appropriate noninvasive care to patients experiencing a medical emergency.

**Program Learning Outcome #3:**

Provide appropriate noninvasive care to patients experiencing a trauma emergency.

**Program Learning Outcome #4:**

Provide appropriate noninvasive care to patients experiencing a cardiac emergency.

**Program Learning Outcome #5:**

Respond safely to risks encountered in rescue situations.

**EMERGENCY MEDICAL TECHNICIAN: PARAMEDIC CERT****Program Learning Outcome #1:**

Apply airway management techniques to patients with breathing problems.

**Program Learning Outcome #2:**

Treat patients experiencing a medical emergency.

**Program Learning Outcome #3:**

Treat patients with traumatic injuries.

**Program Learning Outcome #4:**

Identify a cardiac problem and the appropriate treatment.

**Program Learning Outcome #5:**

Mitigate risks encountered in rescue situations.

**ENGLISH AA****Program Learning Outcome #1:**

Demonstrate an ability to establish a conclusion that is tied to a range of information.

**Program Learning Outcome #2:**

Synthesize evidence and/or sources to support a claim.

**Program Learning Outcome #3:**

Demonstrate proficiency with conventions appropriate to the composing task.

**Program Learning Outcome #4:**

Exhibit a thorough understanding of audience, purpose, genre, and context.

**Program Learning Outcome #5:**

Demonstrate an ability to evaluate texts to develop an analysis.

**FILM: ACTING/ DIRECTING AAS****Program Learning Outcome #1:**

Direct actors in terms of casting, blocking and character believability.

**Program Learning Outcome #2:**

Realize and create effective performances for camera.

**Program Learning Outcome #3:**

Analyze characters in film video scripts.

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Analyze characters in film video scripts.

**FILM: CINEMATOGRAPHY/ VIDEOGRAPHY AAS****Program Learning Outcome #1:**

Contribute to the effective manipulation of lighting to enhance aesthetics, support story, and reinforce nuances of character.

**Program Learning Outcome #2:**

Control camera placement, composition, lens choices, and camera movement in a manner that is of professional standards and in support of narrative, thematic and character development goals.

**Program Learning Outcome #3:**

Demonstrate working skills comparable to professional camera / lighting crews on set.

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**Program Learning Outcome #3:**

Demonstrate working skills comparable to professional camera / lighting crews on set.

**FILM: POST PRODUCTION AAS****Program Learning Outcome #1:**

Complete and deliver a polished, well edited film/video project.

**Program Learning Outcome #2:**

Record effective production sound, correct as necessary, and create compelling, appropriate sound design, mixed correctly for delivery.

**Program Learning Outcome #3:**

Correct color to professional standards, enhance color grading for aesthetic effect, add effective credits and create visual effects in support of narrative needs and overall production value.

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**FILM: SCREENWRITING AAS****Program Learning Outcome #1:**

Demonstrate working knowledge of cinematic storytelling.

**Program Learning Outcome #2:**

Exhibit unique, authentic voice in crafting original scripted material.

**Program Learning Outcome #3:**

Illustrate ability to create effective characters for the screen.

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**Program Learning Outcome #2:**

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**Program Learning Outcome #3:**

Illustrate ability to create effective characters for the screen.

**FILM: WRITING/DIRECTING AAS****Program Learning Outcome #1:**

Direct actors in terms of casting, blocking and character believability.

**Program Learning Outcome #2:**

Exhibit a unique voice and sense of authenticity in the manner of storytelling and choices made in the formulation and shaping of delivered content.

**Program Learning Outcome #3:**

Demonstrate working knowledge of visual storytelling through filmmaking.

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**Program Learning Outcome #3:**

Demonstrate working knowledge of visual storytelling through filmmaking.

**FILM: WRITING/PRODUCING AAS****Program Learning Outcome #1:**

Demonstrate commitment to industry safety standards and personify best practices of professionalism in regards to set etiquette and equity.

**Program Learning Outcome #2:**

Demonstrate ability to organize, schedule and lead creative teams to form cohesive projects.

**Program Learning Outcome #3:**

Maximize production value by effectively coordinating resources including locations, casting, production design, and overall production quality.

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## FIRE SCIENCE TECHNOLOGY AAS

### Program Learning Outcome #1:

Identify advanced methods of preserving personal safety.

### Program Learning Outcome #2:

Identify advanced methods to prevent, control, and extinguish fire.

### Program Learning Outcome #3:

Communicate at an advanced level in alignment with firefighting standards.

### Program Learning Outcome #4:

Respond to, gain access to, and control emergency scenes.

## FUNDAMENTALS OF FIRE SCIENCE CERT

### Program Learning Outcome #1:

Demonstrate methods of preserving personal safety.

### Program Learning Outcome #2:

Demonstrate use of tools.

### Program Learning Outcome #3:

Demonstrate methods to prevent, control, and extinguish fires.

### Program Learning Outcome #4:

Control and contain hazardous materials.

### Program Learning Outcome #5:

Communicate in alignment with firefighting industry standards.

## GENERAL ENGINEERING AES

### Program Learning Outcome #1:

Demonstrate ability to present engineering analyses.

### Program Learning Outcome #2:

Demonstrate ability to work in a team setting.

### Program Learning Outcome #3:

Demonstrate the ability to utilize the engineering design process.

### Program Learning Outcome #4:

Demonstrate the ability to use scientific knowledge to solve engineering problems.

## GRAPHIC AND WEB DESIGN AAS

### Program Learning Outcome #1:

Understand at the relationship of graphic design communication to human behavior and perceptions.

### Program Learning Outcome #2:

Demonstrate the ability to use design-thinking strategies in an interactive design process.

### Program Learning Outcome #3:

Acquire and demonstrate competency in technical skills applicable to graphic design.

### Program Learning Outcome #4:

Communicate concepts, design solutions and arguments clearly and concisely through visual communications.

### Program Learning Outcome #5:

Access information through traditional and new technologies, and synthesis this information for problem-solving activities.

## INTEGRATED NURSING PROGRAM AGS

### Program Learning Outcome #1:

Describe the roles and responsibilities of the professional nurse.

### Program Learning Outcome #2:

Explain the quality improvement process as it relates to patient safety.

### Program Learning Outcome #3:

Explain the effects of culture on the healthcare system.

## IT TECH AND SUPPORT AAS

### Program Learning Outcome #1:

Ability to diagnose customer problems and provide troubleshooting and support.

### Program Learning Outcome #2:

Ability to assemble, configure, install, maintain, and repair computer hardware, software, and applications.

### Program Learning Outcome #3:

Understand commonly-used computer hardware, software, and applications.

### Program Learning Outcome #4:

Ability to install, maintain, use, and troubleshoot multiple operating systems (Apple, Microsoft, Linux/Unix) for computer and mobile devices.

### Program Learning Outcome #5:

Identify commonly-used networking tools/devices/protocols, including Ethernet, switches, routers, LAN, VPN, and WAN.

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### Program Learning Outcome #5:

Identify commonly-used networking tools/devices/protocols, including Ethernet, switches, routers, LAN, VPN, and WAN.

## MATHEMATICS AS

### Program Learning Outcome #1:

Demonstrate good problem-solving habits: A. Estimating solutions and recognizing unreasonable results and B. Considering a variety of approaches to a given problem, and selecting one that is appropriate.

### Program Learning Outcome #2:

Interpret the evidence with precision from a variety of mediums in order to justify conclusions.

### Program Learning Outcome #3:

Communicate mathematical ideas in written, oral, and/or electronic form using the appropriate mathematical language, notation, and style.

## MECHANICAL ENGINEERING AES

### Program Learning Outcome #1:

Demonstrate ability to present engineering analyses.

### Program Learning Outcome #2:

Demonstrate ability to work in a team setting.

### Program Learning Outcome #3:

Demonstrate the ability to utilize the engineering design process.

### Program Learning Outcome #4:

Demonstrate the ability to use scientific knowledge to solve engineering problems.

## METRO STATE CIS TRANSFER AAS

### Program Learning Outcome #1:

Communicate across both user and developers.

### Program Learning Outcome #2:

Ability to analyze systems and create business requirements documentation.

### Program Learning Outcome #3:

Assist customers in the design, implementation, and support of moderately complex technology solutions.

**Program Learning Outcome #4:**

Ability to accurately diagnose common business problems and recommend appropriate technology-based solutions.

**NETWORKING AAS****Program Learning Outcome #1:**

Identify commonly-used networking tools/devices/protocols, including Ethernet, switches, routers, LAN, VPN, and WAN.

**Program Learning Outcome #2:**

Apply proficiency with the operation, maintenance, and monitoring of network devices, including hardware, software and operating systems.

**Program Learning Outcome #3:**

Demonstrate installation, operation, configuration, and verification a basic IPv4 and IPv6 network.

**Program Learning Outcome #4:**

Demonstrate ability to install, configure, operate, and troubleshoot a small enterprise network.

**NURSE AIDE CERT****Program Learning Outcome #1:**

Demonstrate appropriate basic patient care.

**Program Learning Outcome #2:**

Understand and apply relevant HIPAA regulations.

**PARALEGAL AAS****Program Learning Outcome #1:**

Demonstrate accurate and strong written communication skills in the preparation of memorandum and legal documents.

**Program Learning Outcome #2:**

Demonstrate strong organizational and collaboration skills in a job setting.

**Program Learning Outcome #3:**

Identify and explain ethical obligations in the profession.

**PARAMEDICINE AAS****Program Learning Outcome #1:**

Apply airway management techniques to patients with breathing problems.

**Program Learning Outcome #2:**

Treat patients experiencing a medical emergency.

**Program Learning Outcome #3:**

Treat patients with traumatic injuries.

**Program Learning Outcome #4:**

Identify a cardiac problem and the appropriate treatment.

**Program Learning Outcome #5:**

Mitigate risks encountered in rescue situations.

**PATIENT CARE TECHNICIAN CERT****Program Learning Outcome #1:**

Demonstrate appropriate basic patient care.

**Program Learning Outcome #2:**

Understand and apply relevant HIPAA regulations.

**PHLEBOTOMY CERT****Program Learning Outcome #1:**

Demonstrate patient care within the scope of a phlebotomist.

**Program Learning Outcome #2:**

Apply relevant OSHA and HIPPA regulations.

**PHYSICS AS****Program Learning Outcome #1:**

Comprehend presented physical scenarios and identify relevant physical principles.

**Program Learning Outcome #2:**

Apply a combination of calculus and relevant mathematical methods to effectively solve problems based on multiple physical concepts.

**Program Learning Outcome #3:**

Acquire experimental data in order to explore physical principles and critically evaluate findings.

**Program Learning Outcome #4:**

Present and communicate findings effectively from experimental investigations.

**POLITICAL SCIENCE AA****Program Learning Outcome #1:**

Conduct and present scholarly research in political science.

**Program Learning Outcome #2:**

Apply knowledge of political processes and methodology in an analysis of the behavior of actors.

**Program Learning Outcome #3:**

Ability to reason through, contextualize and critique political claims and assertions made by political actors.

**Program Learning Outcome #4:**

Explain the basic themes and concepts that cut across traditional subfield boundaries.

**PROGRAMMING AAS****Program Learning Outcome #1:**

Take an idea from concept to reality.

**Program Learning Outcome #2:**

Develop applications for desktop and laptop computers.

**Program Learning Outcome #3:**

Create engaging user interfaces for their applications.

**Program Learning Outcome #4:**

Develop applications using a variety of development tools and programming languages.

**Program Learning Outcome #5:**

Develop reliable applications.

**PSYCHOLOGY AA****Program Learning Outcome #1:**

Demonstrate effective communication skills for conveying psychological concepts through discipline specific standards of writing, speaking, and/or interpersonal interactions.

**Program Learning Outcome #2:**

Apply psychological reasoning by employing content knowledge, scientific inquiry, and critical thinking skills.

**Program Learning Outcome #3:**

Demonstrate an understanding of ethical and social responsibility in a diverse world as it applies to the discipline of psychology.

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Demonstrate an understanding of ethical and social responsibility in a diverse world as it applies to the discipline of psychology.

**SOCIOLOGY AA****Program Learning Outcome #1:**

Demonstrate effective communication skills for conveying sociological concepts through discipline-specific standards of writing, speaking, and/or interpersonal interactions.

**Program Learning Outcome #2:**

Apply sociological reasoning by employing content knowledge, scientific inquiry, and critical thinking skills.

**Program Learning Outcome #3:**

Demonstrate an understanding of ethical and social responsibility in a diverse world as it applies to the discipline of sociology.

**SPANISH AA****Program Learning Outcome #1:**

Engage in a conversation about familiar and unfamiliar topics in a variety of time frames and with complex sentence structures.

**Program Learning Outcome #2:**

Infer information from a variety of authentic Spanish texts about personal and social topics.

**Program Learning Outcome #3:**

Deliver an organized and purposeful oral presentation.

**Program Learning Outcome #4:**

Evaluate cultural stereotypes and generalizations in their own and target cultures by comparing and contrasting cultural perspectives, practices, and products.

**TRANSLATION AND INTERPRETATION  
AAS****Program Learning Outcome #1:**

Produce quality simultaneous interpretation while maintaining the integrity of the message.

**Program Learning Outcome #2:**

Produce quality 4-5 minute consecutive interpretation using interpreter's notes as an aid.

**Program Learning Outcome #3:**

Produce accurate and coherent output text with appropriate vocabulary choices and sentence construction.

**Program Learning Outcome #4:**

Demonstrate knowledge of medical vocabulary relevant to interpreting in community settings.

**Program Learning Outcome #5:**

Demonstrate knowledge of legal vocabulary relevant to interpreting in community settings.

**TRANSLATION AND INTERPRETATION  
GENERAL CERTIFICATE****Program Learning Outcome #1:**

Produce quality simultaneous interpretation while maintaining the integrity of the message.

**Program Learning Outcome #2:**

Produce quality 4-5 minute consecutive interpretation using interpreter's notes as an aid.

**Program Learning Outcome #3:**

Produce accurate and coherent output text with appropriate vocabulary choices and sentence construction.

**TRANSLATION AND INTERPRETATION  
MEDICAL CERTIFICATE****Program Learning Outcome #1:**

Produce quality simultaneous interpretation while maintaining the integrity of the message.

**Program Learning Outcome #2:**

Produce quality 4-5 minute consecutive interpretation using interpreter's notes as an aid.

**TRANSLATION AND INTERPRETATION  
LEGAL CERTIFICATE****Program Learning Outcome #1:**

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**Program Learning Outcome #1:**

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