GENERAL EDUCATION STUDENT LEARNING OUTCOMES  
ASSOCIATE OF ARTS AND ASSOCIATE OF SCIENCE DEGREES  
35 CREDITS  

AREA I  
COMMUNICATION (6 CREDITS WRITING and 3 CREDITS ORAL COMMUNICATION)  

1. Produce audience appropriate communication that displays consideration of ethical principles and diverse points of view.  
2. Communicate clearly, concisely, and with purpose in oral and written form.  
3. Apply standard oral and written English in academic and workplace communication.  
4. Analyze, evaluate, and appropriately apply oral and written communication.  
5. Identify, categorize, evaluate, and cite multiple resources necessary to produce projects, papers, or performances.  

AREA II  
MATH (3 CREDITS AA DEGREE; 6 CREDITS AS DEGREE)  

1. Solve various kinds of equations, simplify expressions, and apply formulas.  
2. Demonstrate computational skills with and without the use of technology.  
3. Generate and interpret a variety of graphs and/or data sets.  
4. Demonstrate problem solving skills within the context of mathematical applications.  
5. Demonstrate ability to write mathematical explanations using appropriate definitions and symbols.  

AREA III  
LAB SCIENCES (8 CREDITS)  

1. Employ critical thinking skills to judge the validity of information from a scientific perspective.  
2. Apply the scientific method to formulate questions, analyze information/data and draw conclusions.  
3. Properly operate laboratory equipment to collect relevant and quality data.  
4. Utilize mathematical techniques to evaluate and solve scientific problems.  
5. Communicate effectively about scientific ideas and topics, in oral and/or written formats.  
6. Relate science to personal, social or global impact.
AREA IV
SOCIAL/BEHAVIORAL SCIENCES (6 – 9 CREDITS AA DEGREE; 6 CREDITS AS DEGREE)

1. Analyze relevant issues utilizing concepts and evidence from the social/behavioral sciences.
2. Evaluate alternative explanations of social/behavioral phenomena with regard to evidence and scientific reasoning.
3. Identify research methods used in the social/behavioral sciences.
4. Describe how the social context can affect individual behavior, and how individual behavior can affect the social context.
5. Contrast the implications of individual choices from individual, community, and global perspectives.

AREA V
HUMANITIES & FINE ARTS (6 - 9 CREDITS AA DEGREE; 6 CREDITS AS DEGREE)

1. Distinguish historical periods and respective cultural developments from a global perspective.
2. Demonstrate an ability to understand, analyze, and synthesize concepts logically based on written and verbal communication.
3. Recognize how culture, history, politics, art, and religion impact society.
4. Participate and/or critically evaluate the arts.

COMPUTER LITERACY (3 CREDITS)

1. Demonstrate knowledge of basic computer technology and tools
2. Use software applications to produce, format, analyze and report information to communicate and/or to solve problems
3. Use internet tools to effectively acquire desired information
4. Demonstrate the ability to create and use various forms of electronic communication adhering to contextually appropriate etiquette
5. Demonstrate the ability to create, name, organize, save and retrieve data and/or information in an electronic file management system

In addition, the remaining student learning outcomes will be addressed within degree/certificate programs and will not require additional coursework:
CRITICAL THINKING

1. Identifies and distinguishes elements of ideas and/or practical approaches to problems
2. Distinguish fact from non-factual opinion
3. Evaluates theories logical approaches and protocols to problems
4. Apply appropriate processes to resolve a problem

LIFE SKILLS / TEAMWORK

1. The student will, in an external setting (community, co-curricular, workplace, etc), demonstrate a positive work ethic and appropriate professional behavior, manage time efficiently, communicate effectively and demonstrate the ability to work independently and collaboratively