

# General Education Outcomes Proposal

## Comparative table for Academic Affairs

### Current and Proposed Outcomes

In the following table, the current general education outcomes are on the left, and proposed outcomes are on the right. Please compare to comment on whether the proposed outcomes represent a substantive deviation from the current outcomes.

#### Foundational requirements

Health	
Explain the relationship between human behavior and health. (Note: "Health" is not a statewide general education area outcome. This was added at COCC.)	Explain the relationship between human behavior and health.
Mathematics	
Use appropriate mathematics to solve problems; and  Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.	Apply appropriate mathematics to solve problems and interpret results. (Computation core competency)
Speech/Oral Communication	
Engage in ethical communication processes that accomplish goals;  Respond to the needs of diverse audiences and contexts; and  Build and manage relationships.	Communicate effectively and ethically for a variety of audiences. (Communication core competency)
Writing (formerly Writing and Information Literacy)	
Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences;	Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences; and

<p>Recognize and articulate the need for information, and then locate, evaluate, and ethically utilize that information to communicate effectively; and</p> <p>Demonstrate appropriate reasoning in response to complex issues.</p>	<p>Demonstrate appropriate reasoning in response to complex issues.</p>
Information Literacy*	
<p>Formulate a problem statement;</p> <p>Determine the nature and extent of the information needed to address the problem;</p> <p>Access relevant information effectively and efficiently;</p> <p>Evaluate information and its source critically; and</p> <p>Understand many of the economic, legal, and social issues surrounding the use of information.</p>	<p>Evaluate information resources in response to an information need.</p>

\*The information literacy outcomes were revised at the state level in 2019

### Discipline studies

Arts & Letters	
<p>Interpret and engage in the arts &amp; letters, making use of the creative process to enrich the quality of life; and</p> <p>Critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues.</p>	<p>Create or evaluate works of human expression using discipline-appropriate methods.</p>

Cultural Literacy	
Identify and analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference.	Analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference.
Science (previously Science or Computer Science)	
<p>Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models and solutions and generate further questions;</p> <p>Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanations, solve problems, and make evidence-based decisions in an ethical manner; and</p> <p>Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.</p>	Evaluate a hypothesis using qualitative or quantitative data.
Computer Science	
(no separate CS outcomes existed previously)	Create algorithms and computer programs that solve problems.

Social Science

Apply analytical skills to social phenomena in order to understand human behavior; and

Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

Apply analytical skills to social phenomena in order to understand human behavior.