

ARIT - ICSS Courses													
Assessment Standards for Student Learning Outcomes													
COURSE	BCS 101	ICS 100	BCS 102	ICS 115	BCS 108	BCS 116	ICS 204	ICS 200	ICS 300	ICS 305	ICS 306	ICS 305	ICS 405
Standard 1 - Written Communication													
Outcome 1.1 - Use writing to discover and articulate ideas.	1	1	1	1	1	1	2	2	1	0	2	1	
Outcome 1.2 - Identify and analyze the audience and purpose for any intended communication.	2	2	1	2	0	3	2	2	2	2	2		
Outcome 1.3 - Choose language, style, and organization appropriate to particular purposes and audiences.	1	1	1	1	1	3	2	1	2	2	2		
Outcome 1.4 - Gather information and document sources appropriately.	1	1	2	2	2	2	2	0	2	2	1		
Outcome 1.5 - Express a main idea as a thesis, hypothesis, or other appropriate statement.	0	0	0	0	1	2	1	1	2	2			
Outcome 1.6 - Develop a main idea clearly and concisely with appropriate content.	1	1	1	1	0	3	2	1	1	2	2		
Outcome 1.7 - Demonstrate a mastery of the conventions of writing, including grammar, spelling, and mechanics.	1	1	1	1	1	2	2	1	1	2	1		
Outcome 1.8 - Demonstrate proficiency in revision and editing.	2	2	2	2	0	3	1	1	1	2	1		
Outcome 1.9 - Develop a personal voice in written communication.	2	1	1	2	0	2	1	0	0	2	1		
Standard 2 - Quantitative Reasoning													
Outcome 2.1 - Apply numeric, graphic, and symbolic skills and other forms of quantitative reasoning accurately and effectively.	2	2	2	3	3	1	1	2	2	2	2		
Outcome 2.2 - Demonstrate mastery of mathematical concepts, skills, and applications, using technology when appropriate.	2	2	2	3	1	1	2	2	2	2	2		
Outcome 2.3 - Communicate clearly and concisely the methods and results of quantitative problem solving.	1	1	1	1	1	0	2	1	2	2	2		
Outcome 2.4 - Formulate and test hypotheses using numerical information.	0	0	0	1	0	0	1	1	2	2	1		
Outcome 2.5 - Define quantitative issues and problems, gather relevant information, analyze that information, and communicate conclusions.	1	1	1	1	0	0	1	1	2	2	2		
Outcome 2.6 - Assess the validity of statistical inferences.	0	0	0	1	0	1	1	1	1	2	1		
Standard 3 - Information Retrieval and Evaluation													
Outcome 3.1 - Use print and electronic information strategies effectively and responsibly.	2	2	2	2	1	3	3	1	3	3	3		
Outcome 3.2 - Demonstrate knowledge of basic, vocabulary, concepts, and operations of information retrieval and evaluation.	3	3	3	3	3	3	3	2	3	3	3		
Outcome 3.3 - Recognize, identify, and define an information need.	2	2	2	2	1	3	3	3	3	3	3		
Outcome 3.4 - Access and retrieve information through print and electronic media; evaluate the accuracy and credibility of that information.	2	2	2	2	1	3	3	1	3	2	3		
Outcome 3.5 - Create, manage, organize, and communicate information through electronic media.	3	3	3	3	1	3	3	3	3	3	3		
Outcome 3.6 - Recognize changing technologies and make informed choices about their appropriateness and use.	2	2	2	2	3	3	3	1	3	3	3		
KEY													
1. Major Emphasis: The student is actively involved (uses, verifies, applies, and evaluates) in the learner outcomes. The learner outcome is the focus of the class													
2. Moderate Emphasis: The student uses, verifies, applies and is evaluated by this learner outcome, but it is not the focus of the class													
3. Minor Emphasis: The student is provided an opportunity to use, verify, and apply this learner outcome but does not get evaluated on this learner outcome													
0. No Emphasis: The student does not address this learner outcome													
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Standard 4 - Oral Communication													
Outcome 4.1 - Identify and analyze the audience and purpose of any intended oral communication.	1	1	1	1	0	2	2	1	1	3	2		
Outcome 4.2 - Gather, evaluate, select, and organize information for oral communication.	2	2	2	2	0	2	2	1	1	3	2		
Outcome 4.3 - Use language, techniques, and strategies appropriate to the audience and occasion.	2	2	2	2	1	2	2	1	1	3	2		
Outcome 4.4 - Speak clearly and confidently, using the tone, volume, tone, and articulation appropriate to the audience and occasion.	2	2	1	2	1	2	2	0	1	2	2		
Outcome 4.5 - Gather, evaluate, select, and organize information for oral communication.	1	1	0	1	0	2	2	0	1	2	2		
Outcome 4.6 - Use competent oral expression to initiate and sustain classroom discussions.	1	1	1	1	1	2	2	1	1	2	2		
Standard 5 - Critical Thinking													
Outcome 5.1 - Identify and state precise issues, claims, arguments, and questions contained in a body of literature.	1	1	0	1	0	2	2	1	3	2	2		
Outcome 5.2 - Identify, analyze, and evaluate underlying points of view relating to an issue or problem.	0	1	0	1	0	2	2	1	3	2	2		
Outcome 5.3 - Formulate research questions that require inductive and explanatory analyses.	0	0	0	0	0	2	1	1	1	2	1		
Outcome 5.4 - Recognize and understand multiple modes of inquiry, including investigative methods based on inductive and explanatory analyses.	0	0	0	0	1	2	1	2	1	2	2		
Outcome 5.5 - Evaluate a problem, distinguishing between relevant and irrelevant facts, opinions, assumptions, issues, values, and biases through the use of appropriate reasoning.	0	0	1	1	3	2	2	2	3	2	2		
Outcome 5.6 - Apply problem-solving techniques and skills, including the rules of logic and logical sequence.	1	1	2	2	3	2	2	3	3	2	3		
Outcome 5.7 - Synthesize information from various sources, drawing appropriate conclusions.	1	1	1	1	2	2	2	2	2	3	3		
Outcome 5.8 - Communicate clearly and concisely the methods and results of logical reasoning.	1	1	1	1	2	1	2	1	3	2	3		
Outcome 5.9 - Reflect upon and evaluate their thought processes, view a system, and make plans in comparison to those of others.	0	0	0	0	0	1	2	1	2	2	2		
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