

SUNY ADIRONDACK GENERAL EDUCATION LEARNING OUTCOMES

Knowledge and Skills Areas/Competencies	Learning Outcome Number	General Education Learning Outcome
Mathematics	1	Interpret and draw references from mathematical models such as formulas, graphs, tables, and schematics.
	2	Represent mathematical information symbolically, visually, numerically, and verbally.
	3	Employ quantitative methods such as arithmetic, algebra, geometry, or statistics to solve problems.
	4	Estimate and check mathematical results for reasonableness.
	5	Recognize the limits of mathematical and statistical methods.
Natural Sciences	1	Understanding of the methods scientists use to explore natural phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical analysis.
	2	Application of scientific data, concepts, and models in one of the natural sciences.
Social Sciences	1	Understanding of the methods social scientists use to explore social phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical and interpretive analysis.
	2	Knowledge of major concepts, model and issues of at least one discipline in the social sciences.
American History	1	Knowledge of a basic narrative of American history: political, economic, social, and cultural, including knowledge of unity and diversity in American society.
	2	Knowledge of common institutions in American society and how they have affected different groups.
	3	Understanding of America's evolving relationship with the rest of the world.
Western Civilization	1	Knowledge of the development of the distinctive features of the history, institutions, economy, society, culture, etc., of Western civilization.
	2	Relate the development of Western civilization to that of other regions of the world.
Other World Civilizations	1	Knowledge of either a broad outline of world history, or the distinctive features of the history, institutions, economy, society, culture, etc., of one non-Western civilization.
Humanities	1	Knowledge of the conventions and methods of at least one of the humanities in addition to those encompassed by other knowledge areas required by the General Education program.
The Arts	1	Understanding of at least one principal form of artistic expression and the creative process inherent therein
Foreign Language	1	Basic proficiency in the understanding and use of a foreign language.
	2	Knowledge of the distinctive features of culture(s) associated with the language they are studying.
	1	Produce coherent texts within common college-level written

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Basic Communications		forms.
	2	Demonstrate the ability to revise and improve such texts.
	3	Research a topic, develop an argument, and organize supporting details.
	4	Develop proficiency in oral discourse.
	5	Evaluate an oral presentation according to established criteria.
Critical Thinking (Reasoning)	1	Identify, analyze, and evaluate arguments as they occur in their own and other's work.
	2	Develop well-reasoned arguments.
Information Management	1	Perform the basic operations of personal computer use.
	2	Understand and use basic research techniques.
	3	Locate, evaluate, and synthesize information from a variety of sources.