

# **SUNY General Education Framework (Effective Fall 2023)**

## **Student Learning Outcomes**

### **KNOWLEDGE AND SKILLS AREAS**

#### **COMMUNICATION-WRITTEN AND ORAL**

Students successfully completing a course in this category will:

1. research a topic, develop an argument, and organize supporting details;
2. demonstrate coherent college-level communication (written and oral) that informs, persuades, or otherwise engages with an audience;
3. evaluate communication for substance, bias, and intended effect; and
4. demonstrate the ability to revise and improve written and oral communication.

#### **DIVERSITY: EQUITY, INCLUSION, AND SOCIAL JUSTICE**

Students successfully completing a course in this category will:

1. describe the historical and contemporary societal factors that shape the development of individual and group identity involving race, class, and gender;
2. analyze the role that complex networks of social structures and systems play in the creation and perpetuation of the dynamics of power, privilege, oppression, and opportunity; and
3. apply the principles of rights, access, equity, and autonomous participation to past, current, or future social justice action.

#### **MATHEMATICS AND QUANTITATIVE REASONING**

Students successfully completing a course in this category will demonstrate mathematical skills and quantitative reasoning, including the ability to:

1. interpret and draw inferences from appropriate mathematical models such as formulas, graphs, tables, or schematics;
2. represent mathematical information symbolically, visually, numerically, or verbally as appropriate; and
3. employ quantitative methods such as arithmetic, algebra, geometry, or statistics to solve problems.

#### **NATURAL SCIENCES AND SCIENTIFIC REASONING**

Students successfully completing a course in this category will demonstrate scientific reasoning applied to the natural world, including:

1. an 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 data analysis or mathematical modeling; and
2. application of scientific data, concepts, and models in one of the natural (or physical) sciences.

## **HUMANITIES**

Students successfully completing a course in this category will:

1. demonstrate knowledge of the conventions and methods of at least one of the humanities; and
2. recognize and analyze nuance and complexity of meaning through critical reflections on text, visual images, or artifacts.

## **SOCIAL SCIENCES**

Students successfully completing a course in this category will:

1. describe major concepts and theories of at least one discipline in the social sciences; and
2. demonstrate an understanding of the methods social scientists use to explore social phenomena.

## **THE ARTS**

Students successfully completing a course in this category will:

1. demonstrate an understanding of at least one principal form of artistic expression and the creative process inherent therein.

## **US HISTORY AND CIVIC ENGAGEMENT**

Students successfully completing a course in this category will:

1. demonstrate understanding of United States' society and/or history, including the diversity of individuals and communities that make up the nation;
2. understand the role of individual participation in US communities and government; and
3. apply historical and contemporary evidence to draw, support, or verify conclusions.

## **WORLD HISTORY AND GLOBAL AWARENESS**

Students successfully completing a course in this category will:

1. demonstrate knowledge of a broad outline of world history and/or the development of the distinctive features of at least one civilization or culture in relation to other regions of the world; and
2. demonstrate an understanding of the structures, systems, and interrelationships among civilizations and cultures within historical and/or contemporary contexts, and their impact on wellbeing and sustainability.

## **WORLD LANGUAGES**

Students successfully completing a course in this category will:

1. exhibit basic proficiency in the understanding and use of a world language; and
2. demonstrate knowledge of the distinctive features of culture(s) associated with the language they are studying.

## **CORE COMPETENCIES**

### **CRITICAL THINKING AND REASONING**

Students will:

1. clearly articulate an issue or problem;
2. identify, analyze, and evaluate ideas, data, and arguments as they occur in their own or others' work;
3. acknowledge limitations such as perspective and bias; and
4. develop well-reasoned (logical) arguments to form judgments and/or draw conclusions.

### **INFORMATION LITERACY**

Students will:

1. locate information effectively using tools appropriate to their need and discipline;
2. evaluate information with an awareness of authority, validity, and bias; and
3. demonstrate an understanding of the ethical dimensions of information use, creation, and dissemination.