

## **Intended Discipline Learning Outcomes for General Education Courses**

Standards have been established for Student Learning Outcomes in General Education courses in the following disciplines/categories: Arts and Letters, Cultural Literacy, Mathematics, Science or Computer Science, Social Science, Speech and Oral Communication, Writing and Information Literacy. Coursework in each of these areas supports student achievement of these outcomes. OCCC regularly evaluates student achievement of intended course learning outcomes on a regular basis, and this information is used for continuous improvement in instruction.

### **Arts & Letters**

#### Intended Discipline Learning Outcomes

Students who satisfactorily complete General Education Arts & Letters courses will be able to:

1. Interpret and engage in the Arts & Letters\*, making use of the creative process to enrich the quality of life, and
2. Critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues,

\*Arts & Letters refers to works of art, whether written, crafted, designed, or performed, and documents of historical or cultural significance.

### **Cultural Literacy**

Cultural Literacy course learning outcomes will be integrated in courses that meet the outcomes and criteria of an AAOT Discipline Studies requirement.

#### Intended Discipline Learning Outcomes

Students who satisfactorily complete designated General Education Cultural Literacy courses will be able to:

1. Identify and analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference

## **Mathematics**

### Intended Discipline Learning Outcomes

Students who satisfactorily complete designated General Education Mathematics courses will be able to:

1. Use appropriate mathematics to solve problems, and
2. Recognize which mathematics concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

## **Science or Computer Science**

### Intended Discipline Learning Outcomes

Students who satisfactorily complete designated General Education Mathematics courses will be able to:

1. Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions, and generate further questions;
2. Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanation, solve problems, and make evidence-based decisions in an ethical manner; and
3. Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

## **Social Science**

### Intended Discipline Learning Outcomes

Students who satisfactorily complete designated General Education Social Science courses will be able to:

1. Apply analytical skills to social phenomena in order to understand human behavior; and
2. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

## **Speech/Oral Communication**

### Intended Discipline Learning Outcomes

Students who satisfactorily complete designated General Education Speech/Oral Communication courses will be able to:

1. Engage in ethical communication processes that accomplish goals,
2. Respond to the needs of diverse audiences and contexts, and
3. Build and manage relationships.

## **Writing**

### Intended Discipline Learning Outcomes

Students who satisfactorily complete designated General Education Writing courses will be able to:

1. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences;
2. Locate, evaluate, and ethically utilize information to communicate effectively; and
3. Demonstrate appropriate reasoning in response to complex issues.

## **Information Literacy**

Information Literacy outcomes and criteria will be embedded in the Writing Foundational Requirements courses.

### Intended Information Literacy Outcomes

Students who satisfactorily complete designated General Education Writing courses infused with Information Literacy will be able to:

1. Formulate a problem statement;
2. Determine the nature and extent of the information needed to address the problem;
3. Access relevant information effectively and efficiently;
4. Evaluate information and its source critically; and
5. Understand many of the economic, legal, and social issues surrounding the use of information.