Core Curriculum Outcomes  
(Approved Spring 2001)

As an integral aspect of the college experience, we believe the purpose of general education is to ensure that our graduates are broadly educated, adaptable, active members of their communities who are capable of critical thinking and lifelong learning. Therefore, to educate our graduates beyond the narrow confines of specific job skills, Lansing Community College has established the following General Education Core Outcomes as part of every associate degree.

(Please note: A Reading Level 5 is required as a prerequisite for all Core courses. A Writing Level 6 is required as a prerequisite for all Core writing courses. A Math Level 5 is required as a prerequisite for Core Math courses. The goal is that all Core areas will have a proficiency exam.)

WRITING  
Definition: College-level writing will include the theory and practice of effective written communication.  
Learning Outcomes: Upon completing this Core area successfully, students will be able to:

- Use reading, writing, and critical thinking skills to analyze, synthesize, and evaluate abstract concepts and concrete information.
- Use the stages of the writing process effectively.
- Properly locate, incorporate, and attribute sources of information.
- Produce effective writings that are targeted to various academic, community, and/or professional audiences.
- Conform to conventions of grammar, punctuation, and spelling.

COMMUNICATION  
Definition: College-level communication will include the theory and practice of effective communication.

Learning Outcomes: Upon completing this Core area successfully, students will be able to:

- Define and explain the nature of the communication process.
- Use language and nonverbal behavior to express ideas and feelings clearly and responsibly.
- Participate constructively in group/team discussions/activities.
- Research, prepare, and present oral and/or visual information effectively.
- Listen/interpret, with both literal and critical comprehension, in a variety of communication situations.

SCIENCE  
Definition: College-level science, i.e., natural or applied science, will include an understanding of the purposes, limitations, implications, and background of science.

Learning Outcomes: Upon completing this Core area successfully, students will be able to:

- Discuss and summarize basic knowledge of the nature, scope, purposes, and limitations of science and technology.
- Explain and apply the fundamental concepts of one of the sciences.
- Gather, analyze, interpret, and draw conclusions from empirical data.
- Use scientific knowledge and methods as tools to make decisions about contemporary issues involving science and technology.
GLOBAL PERSPECTIVES AND DIVERSITY

**Definition:** College-level global perspectives and diversity will include describing, analyzing, and comparing socio-cultural foundations of different societies and/or world civilizations. The selection of at least three societies and/or world civilizations must reflect broad diversity and must be selected from different continents; one of these societies should be the United States.

**Learning Outcomes:** Upon completing this Core area successfully, students will be able to:

- Describe and analyze the ways in which societies and/or world civilizations establish socio-cultural order and the effects of these on individuals and the societies and/or world civilizations.
- Describe and analyze how different societies and/or world civilizations have searched for truth, justice, and an understanding of what it means to be human.
- Describe and analyze how major ideologies within societies and/or world civilizations have resulted in peaceful and/or violent solutions to conflicts.
- Describe and analyze how major ideas, issues, values, and institutions in societies and/or world civilizations have shaped cultures and the effects these have on individuals.
- Describe, analyze, and examine the impact of the inclusion and/or exclusion of diverse perspectives of gender and ethnicity by societies and/or world civilizations.

MATH

**Definition:** College-level mathematics will include using and interpreting mathematical expressions and symbols to solve problems.

**Learning Outcomes:** Upon completing this Core area successfully, students will be able to:

- Use the strategies of arithmetic, geometry, and algebra to solve problems and effectively communicate the solutions in a variety of disciplines.
- Use, interpret and produce one or more representations of a function, including graphs in one or more variables.

CROSS-CURRICULAR SKILLS

All College curricula are expected to enable students to:

- read analytically and employ strategies for problem solving.
- examine their own thinking in relationship to informed sources to clarify understanding and draw valid conclusions.
- achieve mastery of course content through the use of writing as a learning tool.
- fulfill commitments to others by being punctual and by completing work accurately and on time.
- interact constructively, ethically, and effectively with others.
- effectively use computers and/or other current technologies as related to a student’s program of study.
- use current technology to communicate and access information effectively.

(Please Note: There is no intent to adjudicate courses for these skills, but rather to monitor — not formally assess — curricula for their inclusion.)