

LTCC Institutional Student Learning Outcomes (ISLOs)

I. Communication

Students will communicate effectively, which means the ability to:

- A. Read – Students will be able to comprehend and interpret various types of written information in (1) prose and in (2) documentation, such as manuals and graphs.
- B. Write – Students will demonstrate the ability to:
 - Communicate thoughts, ideas, information, and messages in writing
 - Compose and create documents, such as: letters, reports, memoranda, manuals, and graphs with correct grammar, spelling, punctuation, and appropriate language, style and format
 - Check, edit, and revise written work for correct information, appropriate emphasis, form, style, and grammar
- C. Listen – Students will be able to receive, attend to, interpret, and respond appropriately to (1) verbal and/or (2) non-verbal messages
- D. Speak and/or Converse – Students have the ability to:
 - Organize ideas and communicate verbal and non-verbal messages appropriate to audience and the situation
 - Participate in conversations, discussions, and group activities
 - Speak clearly and ask questions

II. Critical Thinking and Information Competency

Thinking critically is characterized by the ability to perform:

- A. Analysis – including:
 - Applying rules and principles to new situations
 - Discovering rules and applying them in the problem solving process
 - Using logic to draw conclusions from information given
 - Differentiating between facts, inferences, assumptions, and conclusions
- B. Computation – demonstrated by an ability to:
 - Use basic numerical concepts, such as: whole numbers, percentages, estimates of math without a calculator
 - Use tables, graphs, charts, and diagrams, to explain, concepts or ideas
 - Use basic geometrical constructs, such as: lines, angles, shapes, and measurement

C. Research – demonstrated abilities to:

- Collect information
- Identify the need for data
- Obtain data from various sources
- Organize, process, and maintain records of the information collected
- Analyze and evaluate the information for relevance and accuracy
- Synthesize, evaluate, and communicate the results
- Determine which technology resources will produce the desired results
- Use current technology to acquire, organize, analyze, and communicate information

D. Problem Solving – Students demonstrate the ability to:

- Recognize whether a problem exists
- Identify components of the problem or issue
- Create a plan of action to resolve the issue
- Monitor, evaluate, and revise when necessary

III. Global Awareness

Students demonstrate a measurable understanding and appreciation of the world including its:

A. Scientific complexities – Students demonstrate an understanding of:

- The scientific method
- How experiments work
- The major differences between social, natural, and physical sciences

B. Social diversity:

- Interface with people from a variety of backgrounds
- Understand different cultural beliefs and behaviors
- Recognize important social and political issues in their own community

C. Artistic variety – Students have been exposed to:

- The visual and performing arts, including: drawing, painting, sculpture, photography, digital media, music, theatre and/or dance of multiple cultures
- Analytical techniques for understanding artist meaning, and they have
- Hands-on experience with creative endeavors

IV. Personal Responsibility and Professional Development

Appropriately apply the concepts associated with:

A. Self-Management and Self-Awareness – The student is able to:

- Accurately assess his/her own knowledge, skills, and abilities
- Motivate self and set realistic goals

- Accept that taking feedback well is important to success
- Respond appropriately to challenging situations

B. Social and Physical Wellness – Students make an appropriate effort to:

- Manage personal health and well-being
- Demonstrate appropriate social skills in group settings

C. Workplace Skills – Students understand the importance of:

- Being dependable, reliable, and accountable
- Maintaining a professional attitude