

HTC Learner Outcomes Definitions and Rubrics

AASC Approval 1/15/20

SGC Approval 2/5/20

HTC Learner Outcomes: Skills and Competencies for successful employment that are demonstrated by all HTC students at the time of graduation:

1. Oral Communication
2. Written Communication
3. Critical Thinking and Problem Solving
4. Technological Literacy
5. Mathematical Reasoning
6. Scientific Reasoning

Oral Communication

Definition: Communication in oral form that follows the conventions of standard American English or American Sign Language.

Oral Communication Rubric	Yes/Met	No/Unmet
Learner is able to modify and clarify communication for understanding		
Learner demonstrates organization when presenting verbally		
Learner uses delivery appropriate to the situation		

Written Communication

Definition: Communication in written form that follows the conventions of standard American English.

Written Communication Rubric	Yes/Met	No/Unmet
Learner is able to organize and support complex ideas in writing		
Learner writing is clear and coherent		
Learner writing demonstrates awareness of purpose and audience		

Critical Thinking and Problem Solving

Definition: Critical thinking and problem solving involves analyzing and evaluating information in a systematic manner.

Critical Thinking and Problem Solving Rubric	Yes/Met	No/Unmet
Learner is able to identify potential causes of a problem.		
Learner is able to generate reasonable solutions to address a problem.		
Learner is able to evaluate the results of attempted solutions.		

Technological Literacy

Definition: The ability to use technology.

Technological Literacy Rubric	Yes/Met	No/Unmet
Learner is able to use basic technological tools and programs.		
Learner is able to effectively use technology to research problems.		
Learner demonstrates an ability to learn new software.		

Mathematical Reasoning

Definition: Determining the appropriate level of precision and the reasonableness of results while applying mathematical models to everyday situations and also communicating the results using appropriate mathematical language and symbols.

Mathematical Reasoning Rubric	Yes/Met	No/Unmet
Learner demonstrates basic familiarity with mathematical concepts.		
Learner is able to apply mathematical processes to everyday situations.		
Learner is able to communicate basic mathematical discoveries.		

Scientific Reasoning

Definition: A pattern of logical thinking that uses related observation to arrive at a conclusion or a pattern of reasoning that uses a general principle to forecast results.

Scientific Reasoning Rubric	Yes/Met	No/Unmet
Learner demonstrates familiarity with scientific concepts		
Learner is able to apply components of the scientific method (observe, formulate hypothesis, test hypothesis, analyze data, draw conclusions, communicate results)		
Learner is able to analyze scientific data		