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### 5.6.6 GT Student Learning Outcomes

Gwinnett Tech, in conjunction with employers and others, believes that learning outcomes foster the knowledge, skills, and values essential to students in their pursuit of lifelong learning and a career. Achievement of these outcomes occurs over several courses throughout a student's educational experience and guarantees access to all the overlying skills important for graduates of Gwinnett Tech to have mastered. Each academic program at Gwinnett Tech identifies outcomes to address the continuous improvement of education. The learning outcomes are directly addressed by methods and criteria designed to demonstrate achievement of those outcomes, and improvements are implemented that impact the quality of each program's function. A learning outcome is a brief, clear statement identifying in measurable terms the intended result of achievement of competencies. Learning outcomes focus on the specific performance(s) students are expected to demonstrate when the outcome is achieved. The means of assessment is a description of the methodology used to gather data in order to determine whether the learning outcomes have been achieved. Success criterion is a statement of the specific standards that identify successful achievement of the intended student learning outcomes, which are as follows:

**Collaboration and Teamwork:** Students will work in teams of diverse composition in a respectful manner to achieve a specific goal and/or assignment.

**Communication Skills:** Students will learn the ability to express oneself through the transfer of opinions, ideas, knowledge, and/or skills accomplished by writing, speaking, listening, and reading.

**Logical Reasoning:** Students will apply cognitive skills requiring mental agility and intellectual discipline gathered from, or generated by, creativity, observation, experience, reflection, reasoning, or communication. Logical reasoning is used to analyze, synthesize, or evaluate information associated with a new problem.

**Mathematical Concepts:** Students will learn that mathematical concepts are descriptions, properties, relationships, operations, and ideas that can be expressed quantitatively, numerically, algebraically, or geometrically.

**Reading Comprehension:** Students will demonstrate the ability to understand, analyze and evaluate readings and apply that learning to academic and professional contexts.

**Research and Locating Information:** Students will locate valid and reliable data sources and critically evaluate the appropriateness of information to industry standards.



**Technical Literacy:** Students will learn computer skills and the ability to use computers and other technology to improve learning, productivity, and performance (US Department of Education). Technology can be defined as the purposeful application of information in the design, production, and utilization of goods and services, and in the organization of human activities.

**Technical Competency and Proficiency:** Students will demonstrate technical competency necessary to meet industry standards of entry level knowledge and skills appropriate to the discipline.

**Work Ethics:** Students will demonstrate a commitment to evolve as a productive member of society and the workplace, through a concerted and continuous effort of reflection and adjustment of one's values, habits, and attitudes, as they affect on-the-job performance and overall life goals.