

Institutional Learner Outcomes >> General Education Outcomes

November 17, 2015

1. Communication

Engage in effective interpersonal, oral, and written communication appropriate for the audience, situation, and (inter) cultural context. Communication and expression may be written or oral, verbal or nonverbal, informational or artistic.

A graduate of UTTC will be able to:

- Organize various types of communications, ensuring there is a clear introduction and conclusion, the content is sequenced, and there are appropriate transitions.
- Use language that is appropriate to the audience.
- Use visual representations such as graphs, charts, or graphics to enhance the meaning of the message.
- Use high-quality, credible, relevant sources to interpret written information and its purpose.
- Use contextually appropriate posture, gestures, eye contact, and vocal expressiveness effectively.

2. Critical Thinking

Effectively locate, analyze, evaluate, synthesize, and apply information from diverse sources.

A graduate of UTTC will be able to:

- State and describe a problem or issue.
- Identify sources of information relevant to the problem or issue being examined.
- Use appropriate research strategies to gather information.
- Create and organize information to interpret and draw inferences.
- Determine the context, costs, benefits and consequences of potential solutions to problems or issues.
- Evaluate information to identify limitations and biases.

3. Quantitative & Scientific Reasoning

Use processes, procedures, data, or evidence to solve problems, and make effective decisions for academic or professional needs.

A graduate of UTTC will be able to:

- Interpret mathematical models such as formulas, graphs, table, and schematics, and draw inferences from them.
- Use arithmetic, algebraic, geometric, and statistical methods to solve problems.
- Estimate and check answers to mathematical problems in order to determine reasonableness, identify alternatives, and select optimal results.

- Apply the technical skills necessary to succeed in the workforce as appropriate to the specific discipline.
- Adhere to a self-correcting system of inquiry (the scientific method) and rely on empirical evidence to describe, understand, predict, and control natural phenomena.
- Articulate and present scientific concepts to an audience.

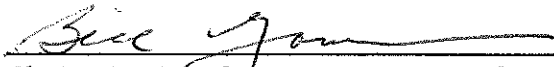
4. Personal & Social Responsibility

Demonstrate awareness of personal responsibility in one's civic, social, and academic life; indigenous cultural values or practices; and an understanding of the diverse traditions of the world.

A graduate of UTTC will be able to:

- Demonstrate an understanding of the history, traditions, and values of indigenous cultures.
- Analyze cross-cultural issues, ideologies, and the contributions that people of diverse backgrounds contribute to society.
- Identify and defend ethical arguments from a variety of perspectives, including the ethical use of technology.
- Function within a society with people who have ideas, beliefs, attitudes, and behaviors different than their own.
- Demonstrate skills needed to fulfill personal, professional, and academic standards of punctuality, professional image, self-discipline, teamwork, leadership, responsibility, and personal accountability.

Approved: November 17, 2015



 Chair - UTTC Administrative Council



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