

Core Abilities and Indicators

MATC's Core Abilities are the general skills, abilities and attitudes that are essential for every graduate.

Core Abilities are promoted and enhanced by faculty in all program courses.

Assessment of the Core Abilities is done at the course level, for the program, and via a student self-assessment survey.

Communicate Effectively:

- Use effective oral communication skills
- Use effective written communication skills
- Apply standard rules of language structure, including grammar and spelling
- Listen actively to others
- Derive meaning from text
- Communicate in a bias-free manner
- Support viewpoints with evidence

Collaborate with Others:

- Demonstrate respect in relating to people
- Cooperate and resolve conflicts effectively
- Participate in shared problem solving

Respect Diversity:

- Acknowledge personal prejudices and biases
- Appreciate perspectives of people outside own background/culture
- Work collaboratively with persons from other backgrounds/cultures
- Demonstrate sensitivity to global issues

Demonstrate Responsibility:

- Attend classes as scheduled
- Turn in quality work
- Adhere to safety rules and regulations
- Act professionally to fulfill job duties within chosen field
- Demonstrate flexibility and self-directedness in learning
- Acknowledge a responsibility to the global community (cultural, economic, environmental, political)
- Practice environmental sensitivity in profession

Think Critically:

- Differentiate between fact and fiction
- Consider other viewpoints and perspectives
- Present logical arguments
- Evaluate sources of information to solve problems

Utilize Technology:

- Use technology to communicate
- Solve problems using technology
- Use appropriate technology to manage information
- Recognize the impacts of technology

Apply Math and Science:

- Apply math concepts and principles appropriately
- Apply scientific concepts and principles appropriately
- Interpret meaning from quantitative data
- Interpret meaning from scientific data