



EFFECTIVE COMMUNICATION (written, oral, reading and listening)

- > Organize and develop ideas effectively with a clear message.
- > Present ideas in an appropriate, mechanically and grammatically correct, professional style.
- > Follow a standardized documentation format using credible evidence.

QUANTITATIVE LITERACY (includes computational skills)

- > Explain and convert relevant information into various mathematical forms (e.g., equations, graphs, diagrams, tables, words).
- > Draw appropriate conclusions based on quantitative or qualitative analysis of data and evaluations of assumptions and parameters in problem solving, estimation, modeling, and statistical analysis using appropriate strategies, tools, and technology.
- > Organize and synthesize quantitative or qualitative evidence in support of the argument or purpose of the work using appropriate formatting and context.

INFORMATION LITERACY SKILLS

- > Effectively define the scope, and determine key concepts of, the needed information to achieve specific purpose.
- > Locate, evaluate, synthesize, and communicate effectively the information obtained using appropriate strategies.
- > Recognize ethical and legal restrictions on the use of information including copyright rules and the ethics of extracting, sharing and citing source information.

CRITICAL THINKING SKILLS

- > Analyze and synthesize information or data to make decisions and problem solve.
- > Reflect and analyze one's own and others' assumptions and draw informed and logical conclusions.
- > Test conclusions against relevant criteria and standards while considering practical and ethical implications.

GLOBAL AND DIVERSITY AWARENESS

- > Demonstrate an awareness of factors that impact diversity, equity, and inclusion: culture, history, sexual identity, psychological functioning, education, economics, environment, geography, language, politics, age, gender, ethnic background, physical challenges, social class, social skills, and religion.
- > Articulate and identify differences between individuals and groups to work effectively cross-culturally through collaboration and communication.
- > Evaluate and apply diverse perspectives to complex subjects within natural and human systems in the face of multiple and even conflicting positions while understanding one's identity in the global context.

CIVIC, PROFESSIONAL, AND ETHICAL RESPONSIBILITY

- > Demonstrate personal integrity and social responsibility consistent with ethics, individual rights, principles of sustainability, and civility in a democratic society.
- > Communicate respectfully and professionally, and promote community services and engagement with diverse populations in a manner that is expected of ethical professionals and the community as a whole.
- > Engage as a contributing member of a team in a productive, cohesive manner.