

A.T. in Engineering Technology
Digital Media Technology Option (ETA-DM)

Graduates of the Digital Media Technology option will demonstrate:

A. Technical Skills and Knowledge.

1. Knowledge of computer hardware, architecture and digital logic.
2. Knowledge of current tools and techniques of web technology, and computer networking.
3. The ability to create original digital media projects from a variety of sources such as software applications, digital cameras, and digital audio recorders.
4. The ability to build, operate and maintain a web site or digital multimedia project.

B. Creative Design, Application and Lifelong Learning.

1. Ability to analyze, design, implement, test, and document projects in digital media.
2. Ability to creatively solve problems by analyzing, designing, and implementing projects in digital media
3. Ability to follow a project management plan in the development of a digital media project.
4. Application of mathematics to digital media projects at or above the level of algebra.
5. A commitment to life-long learning.
6. Creative thinking skills by combining ideas and information in new ways.
7. A commitment to quality and continuous improvement.

C. Communication.

1. Write clear and effective technical documents and reports.
2. Verbally communicate technical information to a variety of audiences.
3. Apply the principles of design to digital media communications.

D. Professional Behavior in a Diverse World.

1. A respect and understanding of diversity in the workplace.
2. An ability to work effectively on teams.

E. Professional Development.

1. Knowledge of professional ethics and social responsibility.
2. Awareness of the impact of technology on society.