1. Basic operations and concepts
   • Students demonstrate a sound understanding of the nature and operation of technology systems.
   • Students are proficient in the use of technology.

2. Social, ethical, and human issues
   • Students practice responsible use of technology systems, information, and software.
   • Students develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.

3. Technology productivity tools
   • Students use technology tools to enhance learning, increase productivity, and promote creativity.
   • Students use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.

4. Technology communication tools
   • Students use a variety of media and formats to communicate information and ideas effectively to multiple audiences.

5. Technology research tools
   • Students use technology to locate, evaluate, and collect information from a variety of sources.
   • Students use technology tools to process data and report results.

6. Technology problem-solving and decision-making tools
   • Students use technology resources for solving problems and making informed decisions.