

*Technology Curriculum Map Grades Nine – Twelve*

*By the conclusion of these grades most students enrolled in instructional technology and computer courses will:*

<i>Subjects</i>	<i>Skills</i>
<i>Occupational Education</i>	Apply BASIC programming techniques to solve problems. Present information visually. Manipulate formulae in spreadsheets. Use the Internet for research purposes.
<i>Technology</i>	<p><i>Keyboarding, Computer Science, Applications, &amp; Business Applications</i></p> Develop keyboarding skills including formatting reports and tables, footnotes, endnotes, and bibliographies. Demonstrate basic graphics skills. Understand the use of technology tools and search strategies on the Internet. Understand the workings of a computer, how data is stored and manipulated. Understand how data is passed through various computer components. Understand data is changed through programming. Develop problem-solving skills. Develop programming abilities. Write programs individually and in a group. Demonstrate computer skills in word processing, spreadsheet, database, publishing, and presentation. Integrate technology in tasks. Develop critical thinking and analyzing skills to choose the tools appropriate to complete a task. Develop communication skills necessary for today’s global society. Integrate the use of technology within different MS Office components. Demonstrate proficiency in using computers and applications. Demonstrate responsible use of technology. Demonstrate understanding of ethics and safety issues in using electronic media. Demonstrate ability to use technology for research, problem solving, and communication.
	<p><i>Computerized Accounting</i></p> Demonstrate the use of accounting terminology and procedures. Acquire, integrate, and apply the use of computer skills to maintain accounting records. Investigate academic and occupational requirements needed for business employment.
	<p><i>Computer Networking</i></p> Develop skills in designing a network.

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*By the conclusion of these grades most students enrolled in instructional technology and computer courses will:*

	<p>Design security frameworks. Explore networking solutions. <i>Web Design</i> Develop skills in analyzing, evaluating, and improving existing websites. Apply the principles of graphic design using electronic media. Develop research skills through efficient search strategies.</p>
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