

Information Technology 9

Course Outline

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Course Goals

FOUNDATIONS

Foundations provides students with the fundamental knowledge, skills, and attitudes to use information technology tools in all areas of learning.

Grade 9

It is expected that students will:

1. enter information accurately using appropriate keyboarding techniques and software that allows for the storage, retrieval, and editing of material
 2. demonstrate the ability to install software on stand-alone computers
 3. evaluate different software and defend their use in solving problems
 4. demonstrate the ability to use the Internet to access, capture, and store information
 5. demonstrate an understanding of the ethical use of information
 6. demonstrate an understanding of programming, using a variety of information technology tools
 7. demonstrate an awareness of ergonomic and health issues related to the use of information technology tools
 8. identify careers related to the field of information technology
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PROCESS

Process allows students to select, organize, and modify information to solve problems.

Grade 9

It is expected that students will:

1. demonstrate the use of a variety of software and appropriate information technology tools to solve problems
 2. demonstrate the ability to use a variety of software to access, capture, and store information from the Internet
 3. evaluate the suitability of information for use in specific contexts
 4. analyse electronically organized information for authenticity, bias, timeliness, and usefulness
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PRESENTATION

Presentation provides students with an understanding of how to effectively use information technology tools to communicate ideas and information using a variety of media.

Grade 9

It is expected that students will:

1. select, use, and evaluate a variety of information technology tools for making presentations
2. apply the principles of effective communication and good design when using information technology tools
3. consider ethical and legal issues when presenting information
4. analyse the impact of multi-media documents on the intended audiences
5. develop an awareness that all media can be digitized for electronic presentation

Long-term Timeline

It is difficult to specifically identify unique units which will be covered each month because of the constant overlap and interconnection between course topics. However, throughout the year, there is a gradual progression in the emphasis of the exercises. In the first third of the year, the exercises are done to emphasize the “Foundations” of the course. In the second portion of the year “Process” is underscored. Lastly, at the end of the year “Presentation” and synthesis of all the skills learned is emphasized. The duration of the “Foundations”, “Process”, and “Presentation” units are also slightly varied with each year and class as groups of students may be stronger or weaker in certain areas.

Evaluation*

Major Projects	60%
Class Work	40%

*May be subject to change