

Computer Applications

Room 311 Divine (Computer Lab)
Room 318 Divine (Classroom)

Course description

This course is an introduction to using general-purpose software tools. The tools to be covered include word processing, spreadsheet, database, and presentation software as well as an email client. Students will do hands-on work in each application. This class is taught as a dual-credit class in partnership with RIT.

Goals:

- To master the basic features of an integrated software package or suite that includes email, word processing, spreadsheet, database and presentation software.
- To learn how to select the right application for a task.
- To learn how to combine the features of several applications in order to perform a task.
- To develop computer terminology and technical reading and writing skills to effectively use office applications.

Grading Scale

Tests (4 total)	40%
Classwork/Activities	40%
Projects (ie HSBP binder)	20%
Total	100%

Other information:

This class will cover the basics of the Microsoft Office Suite. We will meet in the computer lab daily. By the end of the course the students will have completed their High School and Beyond binder as well as understand the basics of computer applications.

Students will need the following information for their binder:

- ★ Copy of their IEP (After their meeting this year)
- ★ Copy of their Audiogram (Must be dated within 2 years)
- ★ HS Transcript (Will be printed after the completion of the first semester)
- ★ Copy of their Birth Certificate (and a note to where the real one is)
- ★ Medical Information/History
- ★ Medical Immunization records
- ★ Students should also be setting up a meeting with their local Department of Vocational Rehabilitation (DVR)

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Computer systems

- Computer Hardware
- Software and apps
- Zip and unzip folders
- Security and safety

Students will also be graded on their ability to use email

MS Word

Test #1

- Creating a Document
- Editing and Formatting a Document
- Creating a Multiple-Page Report
- Desktop Publishing a Newsletter

Project: Requesting a letter of reference, Requesting a letter of Recommendation, Resume, and Cover Letter, Essay

MS Excel

Test #2

- Using Excel to Manage Financial Data
- Working with Formulas and Functions
- Developing a Professional-Looking Worksheet
- Working with Charts and Graphics

Project: Community Service Log and Work/College Budget

Integration Project between Word and Excel

MS Access

Test #3

- Introduction to Microsoft Access
- Creating and Maintaining a Database
- Querying a Database
- Creating Forms and Reports

Integration Project between Word, Excel, and Access

MS

Powerpoint

Test #4

- Creating a PowerPoint Presentation
- Applying and Modifying Text and Graphic Objects

Project: Final HSB presentation

Integration Project between all programs.