

COMMUNICATION TECHNOLOGY
GRADES 9-12
(1 Semester)

COURSE OVERVIEW:

Communication Technology involves the basic elements and concepts of graphic means of transmitting and receiving information. Students will explore how graphic communication works, how it is used, and how it impacts society. Topics covered will include computer aided drafting, layout and design, graphic arts, telecommunications and computer usage. **Students should not enroll in Graphics Arts during the same semester that they are enrolled in Communication Technology.**

UNITS OF INSTRUCTION:

- UNIT I - Introduction to Communication Technology
- UNIT II - Desktop Publishing
- UNIT III - Computer Aided Drafting
- UNIT IV - Photography
- UNIT V - Screen Printing
- UNIT VI - Video Production

STUDENT OUTCOMES:

1. Students will become familiar with computer network operation and technology.
2. Students will gain an understanding or the purpose of communication in society.
3. Students will become familiar with Desktop Publishing, CAD, and other computer software applications.
4. Students will become familiar with screen printing and black and white photography.

MAJOR LEARNING EXPERIENCES TO ACHIEVE OUTCOMES:

1. Students will produce various Desktop Publishing projects including a two (2) page newsletter, memo pads and advertising flyers.
2. Students will complete various one view and isometric drawings.
3. Students will design and print a t-shirt.

- | | |
|----|---|
| 4. | Students will expose and develop a roll of black and white film. |
| 5. | Students will create an electronic autobiography using PowerPoint software. |

ADOPTED TEXT OR PRINCIPAL MATERIALS USED:

Various readings on Desktop Publishing, Computer Aided Drafting, Multiview Drawings, Film Processing, Video Program Production.

(04/12/00)