

**Communications Technology – (4) Year Program – 24 Credits for Graduation
CIP #-10.9999-Program of Study**

Period	9	10	11	12
1	English I	English II	English III	English IV
2	Math	Math	Math	*Math-Any advanced math course
3	Geo-Environmental	Biology I	Chemistry or Physics	Psychology or Sociology (recommended)
4	PE/Health I	PE/Safety Education	PE Health II (11 th or 12 th)	PE Health II (11 th or 12 th)
5	US History I	World History I	Civics	Arts & Humanities Credit
6	Graphic Arts I	Broadcasting I	Broadcasting II	Graphic Arts II
7	Exploring Video Production	Broadcasting I	Broadcasting II	Capstone: 2-3 credits
CTE Total Hours: 1,320	305 hours 55 Skills hours	317.2 class hours 55 Skills hours 372.2 total hours	317.2 class hours 55 Skills hours 372.2 total hours	Between 481 to 633 hours

- Students must make-up failed classes in summer school to complete this program of study.
- Students must pass all required Keystone Exams and/or complete remediation courses.
- Students need a minimum of ten credits in the combined social studies, science and mathematics areas.

Exploring Video Production - Course #943

No prerequisite

Grades 9-12

Grade 9 enrollment is subject to seat availability.

1 credit
5 pds/wk

Exploring Video Production is an introductory course that provides students with experiences to enhance communication skills and further their knowledge of broadcasting. Students learn about careers in the broadcasting and television production industry by operating professional equipment utilized in the trade to create introductory projects associated with video production. Students provide minimal support to Carlisle High School's daily news program, HERD TV.

Broadcasting I - Course #944

Prerequisite: Exploring Video Production

Grades 10-12

Projects will require filming AFTER SCHOOL events

2 credits
10 pds/wk

Broadcasting I is an in-depth course in which students learn broadcasting terminology and the skills necessary to use the broadcasting equipment. Students also learn the basics of producing shows including videography, editing, graphics, and other essential production skills; all while executing projects designed to serve the needs of Herd-TV. Students are prepared to pursue post-secondary educational goals toward careers in the communications industry and produce and direct HERD TV.

Broadcasting II - Course #945

Prerequisite: Broadcasting I

Grades 11–12

Projects will require filming AFTER SCHOOL events

2 credits

10 pds/wk

Broadcasting II further develops the skills acquired in Broadcasting I by providing in-depth exposure to studio operations. Students explore creative film styles and integrate this knowledge with new theories of production. This hands-on learning experience allows the self-starting student to explore new ideas in television production. Broadcasting II, students learn this through projects designed to please an external third party. With guidance, they will source a customer or client, negotiate a contract, conduct themselves publicly in a professional manner, and deliver a product that pleases the client. The course further prepares students for the pursuit of careers in communications, television, and film.

Graphic Arts and Design I - Course #949

No prerequisite

Grades 9-12

Required equipment: apron

1 credit

5 pds/wk

Graphic Arts and Design I students explore and learn about the third largest manufacturing industry in the United States. Students study ways to design their own artwork and follow through to a finished print production. Projects produced include calendars, book covers, greeting cards, mouse pads, t-shirts and more. Students develop an understanding of the importance of safe work habits and learn the importance of being able to work individually and as part of a team. Units of instruction include job planning and layout, desktop publishing, graphic arts design, image assembly and bindery and finishing operations. The course also includes a survey of the major printing processes of lithography, screen print, and vinyl cutting. Students develop an understanding of the purpose and history of the graphic arts industry and become familiar with its impact on society. *Students who are planning to complete the Communications Technology program should enroll in this course.*

Graphic Arts and Design II - Course #951

Prerequisite: Graphic Arts and Design I

Grades 10-12

Required equipment: apron

1 credit

5 pds/wk

Graphic Arts and Design II provides students with the technical skills and practical experience to prepare and produce printed communications using offset, screen, and digital technologies. Students learn the fundamentals of graphic design and use software applications including Adobe Illustrator, In-Design, Photoshop, and to prepare electronic files for output. Students will learn job planning and layout. Students will learn designing a product (artwork) and follow through to finish printing; print production of business cards, letterheads, booklets, posters, and sign making. Students will learn digital-media printing with larger-format printing, decals, static cling, and posters. Students will learn screen-printing including single and multi-color print. Students will learn desktop publishing for creating business cards, letterhead, corporate identity, calendar, and magazine covers. Students will learn bindery finishing including trimming, folding, padding, and stitching and much more. Students also investigate career options that include job shadowing, employability skills and college options. Advanced students have the opportunity to work with "real" clients on "real" projects for the school and non-profit community, under the supervision of their instructors. Students develop a portfolio of printing projects. *Students who are planning to complete the Communications Technology program should enroll in this course.*