COMMUNICATIONS CLUSTER

T52111 Design Fundamentals (4834)
Open to grades 9, 10, 11, 12
2 semesters, 1 credit per semester
Approximate cost per semester: TBD
Meets requirements: THD, AHD, Core 40
Fulfills a Fine Art credit
Dual Credit is Available
This course introduces students to fundamental design theory. Investigations into design theory and color dynamics will provide experiences in applying design theory, ideas, and creative problem solving in the areas of communication technology using software applications. Student experiences encompass aspects of art in communication, integration of art in communication, and incorporate literacy and presentation skills.

T52022 Graphic Design and Layout (5550)
Open to grades 10, 11, 12
2 semesters, 2 credits per semester
Approximate cost per semester: TBD
Meets requirements: THD, AHD, Core 40
Recommendation(s): Design Fundamentals
Dual Credit Available
In this course more emphasis is placed on color and full-color process printing. Larger-sized projects to fit the larger offset presses will also be included. This course also includes organized learning experiences that incorporate a variety of visual art techniques as they relate to the design and execution of layouts and illustrations for advertising, displays, promotional materials, and instructional manuals. Instruction also covers advertising theory and preparation of copy, lettering, posters, and artwork in addition to incorporation of photographic images. Communication skills will be emphasized through the study of effective methods used to design commercial products that impart information and ideas. Advanced instruction might also include experiences in various printing processes as well as activities in designing product packaging and commercial displays or exhibits.

T52032 Graphic Imaging Technology (5572)
Open to grades 11, 12
2 semesters, 2 credits per semester
Approximate cost per semester: TBD
Meets requirements: THD, AHD, Core 40
Prerequisite(s): T52022 Graphic Design and Layout
This course includes organized learning experiences that focus on theory and laboratory activities in prepress, press and finishing operations. Emphasis is placed on elements of design and layout leading to computerized electronic image generation, plate preparation, pressroom operations and finishing techniques. Instructional activities enhance student's language arts skills through the use of proofreading, spelling, and punctuation exercises. The course includes actual production processes in conjunction with classroom assignments embracing the technologies of printing, publishing, packaging, electronic imaging and their allied industries.

T52212 3D Computer Animation & Visualization (5530)
Open to grades 10, 11, 12
2 semesters, 2 credits per semester
Approximate cost per semester: TBD
Meets requirements: THD, AHD, Core 40
Recommendation(s): Design Fundamentals
This course introduces and explores three-dimensional animation techniques as used by the animation and graphics industry today. It applies the use of 3-D computer animation, digital video output, and a variety of computer technologies to produce digital images. Course assignments stress the use of current strategies to solve two-dimensional layout and three-dimensional

modeling problems. Students are responsible for the design, development and production of a graphics and video-based digital animation product.

T52222 Interactive Media (5232)
Open to grades 11, 12
2 semesters, 2 credits per semester
Approximate cost per semester: TBD
Meets requirements: THD, AHD, Core 40
Prerequisite(s): 3D Computer Animation & Visualization
Dual Credit Available
This is the second-year offering to follow 3D Computer Illustration and Graphics. This is a continuation of the first-year program. Animation, modeling, graphics, engineering design, electronic publishing and illustration will be studied in greater detail. Students plan and implement projects approved by the instructor. The projects should demonstrate an advanced level of design competency in computer graphics and be performed in consultation with the teacher and industry advisors.

T52101 Intro to Communications (4790)
Open to grades 9, 10, 11
2 semesters, 1 credit hour per semester
Approximate cost per year: TBD
Meets requirements of THD, AHD, Core 40
Dual Credit
This course sets the foundation for good storytelling by introducing the concepts of radio and television broadcasting. All forms of television field production are taught, including how to properly shoot video, interview subjects, light scenes, write for broadcast, and care for equipment. Students will also learn how to properly edit both video and audio using the Adobe Creative Suite, including Premiere Pro and Audition. Hands-on experience in both the control room and the studio with the Carbonite video switcher, Xpression graphics, the audio mixer, and studio cameras is also included. Radio instruction consists of training on industry standard

software (WireReady), scripting for radio, interviewing, and an introduction to podcasting.

T52412 Radio and Television I (5986)
Open to grades 10, 11, 12
*meets at East
2 semesters, 2 credits per semester
Approximate cost per semester: TBD
Meets requirements: THD, AHD, Core 40
Recommendation(s): Introduction to Communications
Dual Credit Available

Note: Student crew members will often be required to cover events outside of the school day.
Radio and Television I provides instruction to develop and enhance competencies in various communication, marketing, media, production, and technical functions and tasks performed by employees, including management personnel in TV broadcasting and telecommunications occupations. Emphasis is place on production, motion graphics (Adobe CreativeSuite), programming, broadcast writing, broadcast reporting, and broadcast equipment operation. Instructional strategies include hands-on activities where students create commercials, TV broadcasts, sportscasts, new programs and other production-related projects.

T52422 Radio and Television II (5992)
Open to grades 11, 12
*meets at East
2 semesters, 2 credits per semester
Meets requirements: THD, AHD, Core 40
Approximate cost per semester: TBD
Recommendation: T52412 Radio & Television 1
Dual Credit Available

Note: Student crew members are often required to spend several hours before and after-school.
Radio and Television 2 continues the

instruction to develop and enhance competencies in TV broadcasting and telecommunications occupations. Emphasis is placed on production, motion graphics (Adobe Creative Suite), programming, broadcast writing, broadcast reporting, and broadcast operation. Instructional strategies include hands-on activities where students create commercials, TV broadcasts, sportscasts, new programs, and other production-related projects.

T52432 Radio and Television III (5992)
Open to grade 12
*meets at East
2 semesters, 2 credit hours per semester
Approximate cost per year: TBD
Meets requirements of: THD, AHD, Core 40
Requirement: T52422 Radio and Television II

Note: Student crew members will often be required to cover events outside of the school day.
Upon successful completion of the first two years of Radio and Television, students may have the opportunity to enroll in this course. This course is designed to advance their skills in the areas of television producing, directing, and on-air delivery. As show producers, R/TV III students will be responsible for the overall content and delivery of all programming. They will schedule event coverage, assign stories, and oversee all projects at various stages. Radio responsibilities will include a scheduled podcast and the Executive Producer Role for morning announcements.

T52612 Radio and Television I: BNN (5986)
T52622 Radio and Television II: BNN (5992)
Open to grades 10, 11, 12
2 semesters, 2 credits per semester
Approximate cost per semester: TBD
Meets requirements: THD, AHD, Core 40
Prerequisite(s): Journalism 1
Application, interview and portfolio required for crew positions.

Note: Student crew members are often required to spend several hours before and after-school.
Radio and Television I & II provides instruction to develop and enhance competencies in various communication, marketing, media, production and technical functions and tasks performed by employees, including management personnel in TV broadcasting and telecommunications occupations. Student will participate in the CNHS videos and filmed magazine programs.