



Career and Technical Education Course Descriptions

PLEASE NOTE: ALL CTE COURSES ARE A MINIMUM 2 YEAR COMMITMENT

Film and TV 1, 2

Film and TV 1, 2 course introduces the Communication Media Technologies with an emphasis on Film & TV. It includes analyzing the media industry, its business practices, and its role in the economy. Intellectual property laws and rights as well as communication skills including verbal, non-verbal as well as written compunction will be emphasized. Students will learn to utilize computer applications, capture and manipulate digital images, and film editing software as well as digital video and camera operation. Pre-production and planning of the film product from concept to final production will be introduced. Students will analyze, evaluate and write for broadcast in television and film.

Film and TV 3, 4

Film and TV 3, 4 course continues to build on CMT/Film & TV1,2. Students will continue to build on communication skills including verbal, non-verbal as well as written communication skills in developing multimedia productions including short film, documentary, commercials, and public service announcements. Students will learn film editing, audio recording methods, cinematography and directing/producing techniques to create the visual story through effective cinematography techniques. Students will develop film projects for pre to post-production.

Film and TV 5, 6

Film and TV 5, 6 course continues to build on CMT, Level 3 Film & TV. Students will continue to build on communication skills including verbal, non-verbal as well as written communication skills in developing multimedia productions including short film, documentary, commercials, and public service announcements. Emphasis for this course will be on directing and producing techniques and exporting products for distribution. Students will continue to refine film editing, audio recording methods, cinematography and directing/producing techniques to create the visual story through effective cinematography techniques.

Trans. Tech., Auto Tech 1, 2

Students will analyze theories and principles of the 4- stroke engine, maintenance and repair of modern automobiles. Class will include safety and hazardous materials handling, mechanical inspection or testing of various automobile operating systems. Learning through written, PC based, and hands-on assignments will strengthen the understanding of complexities of the automobile. This is the first step to an exciting career in the automotive transportation career. All students are able to join the Skills USA automotive club and compete in leadership or automotive competitions.

Trans. Tech., Auto Tech 3, 4

Students will learn theory and electrical repair, apply engine performance theory, maintenance and repair, and apply suspension and steering system theory. Computer based software will be used to access repair manuals and write repair orders. This course provides the foundation for entry into the automotive industry as a technician, service writer/manager, or future vehicle builder. Standards are aligned with industry NATEF and ASE.

Trans. Tech., Auto Tech 5, 6

Students can earn Pima Community College (PCC) dual enrollment credit for three automotive tuition free certifications, and optional tuition free Fiat Chrysler Automobiles (FCA) factory certification. During the class students will demonstrate and apply advanced electrical diagnosis and repair, advanced brake system diagnosis, suspension, steering systems, and use advanced diagnostic equipment for automotive repair.



RINCON RANGERS

Career and Technical Education Course Descriptions

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They will earn industry safety certification and have the option to take the student ASE automotive industry accepted certification tests.

Trans. Tech., Auto Tech 7, 8

Students can earn automotive industry student ASE, and safety certifications. This class will reinforce skills learned during previous years in automotive technology. Students will run a work-based enterprise and function as a shop manager.

Digital Photography 1, 2

Digital Photography 1,2 is designed to provide students with a basic working knowledge of digital photographic techniques, theory, and history. Students will learn how to use digital cameras in a variety of situations and for a variety of purposes, including action, nature, still-life and portraits. They will also develop the skills to photograph in low-light situations. Students will have the opportunity to create works that demonstrate their creativity through the exploration of various fields and movements within photography. They will gain and demonstrate knowledge of how to constructively critique their own work and that of their peers. Students will be introduced to digital manipulation techniques and software, including Adobe Photoshop. Additionally, they will begin to develop their own sense of style while learning how to display and archive their work and create personal and professional portfolios. Students will also learn the fundamentals of art, the history of photography and study famous photographers, their works, and their styles.

Digital Photography 3,4

Students will continue to have the opportunity to create works that demonstrate their creativity through the exploration of various fields and movements within photography. They will gain and demonstrate knowledge of how to constructively critique their own work and that of their peers. Students will be introduced to digital manipulation techniques and software, including Adobe Photoshop. Additionally, they will continue to develop their own sense of style while learning how to display and archive their work and create personal and professional portfolios. Students will also continue to learn the fundamentals of art, the history of photography and study famous photographers, their works, and their styles.