

Subject	Catalog	Long Title	Min Units	Max Units	Descr
VCT	1030	Introduction to Visual Communication Technology	3.00	3.00	Fall, Spring. This course provides an introduction to visual communication theory and processes. Students are exposed to multi-media development, video production, photography, and printing techniques as they relate to solving communication problems. Extra fee.
VCT	1040	Problem Solving for Visual Media	3.00	3.00	Fall, Spring. Overview of the visual problem solving process and how it applies to the diverse formats used in visual communication technology. Focus is on problem solving that stimulates visual thinking. Includes visual problem solving analysis, freehand sketching and the application of design technology, using computer based vector and raster solutions. Four and one-half hours of lecture/laboratory. Extra fee.

VCT	2040	Concepts of Visual Communication	3.00	3.00	Fall, Spring. Advanced visual communication concepts including problem solving, research, ideation, design technology, script writing, storyboarding, training techniques, proposal preparation, cost estimating and analysis. Overall project management techniques and environmental factors covered in depth. Four hours lecture and laboratory. Approved for Distance Education. Prerequisite: VCT 1030 or instructor approval. Extra fee.
VCT	2080	Introduction to Print Media	3.00	3.00	Fall, Spring, Summer on demand. Major printing processes; concentrations in image design technology, digital image assembly, image carrier preparation and image transfer. All new print media will be explored. Four hours of lecture/laboratory. Suggested prior enrollment in VCT 1030 is recommended. Prerequisite: VCT 1040. Extra fee.
VCT	2660	Introduction to Interactive Media	3.00	3.00	Introduction to basic interactive media concepts and techniques. Emphasis on basic design technology and production of effective media projects with a focus on network deployment. Prerequisites: VCT 1030.
VCT	2680	Video Fundamentals	3.00	3.00	Fall, Spring, Summer on demand. Basic principles of single-camera video and audio production theory, process, and techniques. This course provides students with hands-on experience in planning, shooting, and editing video presentations. Students are required to provide their own video camera. Four hours lab/lecture. Extra fee.

VCT	2820	Photography I	3.00	3.00	Fall, Spring, Summer. Basic photographic and digital editing techniques. This course provides an introduction to camera handling, lighting exposure, and composition. Experiences include creating digital image files, digital editing and output techniques. Four hours of lecture/laboratory. Photographic equipment required. Extra fee.
VCT	3040	Display and Exhibit Technology	3.00	3.00	Fall. Display and exhibit industry from problem analysis through design technology and production to installation and evaluation. Overview of "high-tech" media used to stop audiences and create the desired outcome. Four hours lecture and laboratory. Prerequisites: VCT 1030. Extra fee.
VCT	3080	Fundamentals of Imaging Technology	3.00	3.00	Fall, Spring, Summer. Image/art preparation techniques for various publishing applications including print, CD ROM and other computer media. Digital imaging fundamentals of computer systems, type, graphic images and color. Four hours of lecture/laboratory. Prerequisite: VCT 2080 or instructor approval. Extra fee.
VCT	3090	Image Preparation for Print Media	3.00	3.00	Fall. Study of imposition and image assembly and preparation for printing. Experiences in color proofing, plate preparation and process color printing are also provided. Four hours lecture/laboratory. Prerequisite: VCT 3080 or instructor approval. Extra fee.

VCT	3100	Advanced Print Media	3.00	3.00	Fall, Spring. Offset, screen, inkjet, flexographic, large format inkjet, digital and gravure image transfer examined. Integration of digital image preparation and the impact on transfer systems. Topics include quality control, problem solving, system management, production, industry trends and environment. Four hours of lecture/laboratory. Prerequisite: VCT 3090 or instructor approval. Extra fee.
VCT	3660	Applied Interactive Media Production	3.00	3.00	Exploration and experimentation with a variety of interactive media presentation technologies. Following the design process, students will produce complex interactive media projects with an emphasis on distribution methods. Prerequisites: VCT 2660 or instructor approval. Extra fee. Students in Pre-VCT plans are not eligible to enroll in this course.
VCT	3690	Intermediate Video Production	3.00	3.00	Fall, Spring, Summer on demand. Intermediate principles of single-camera video and audio production techniques focusing on promotional and industrial forms of video production. Students will build on the concepts of video production theory, process and techniques learned in VCT 2680. Prerequisite: grade of C or better in VCT 2680. Four hours lab/lecture. Extra fee.
VCT	3820	Photography II	3.00	3.00	Fall, Spring. Advanced camera handling, digital darkroom techniques and an emphasis on digital image capture and manipulation. Four hours of lecture/laboratory. Prerequisite: VCT 2820. Extra fee.

VCT	3820H	Photography II	3.00	3.00	Fall, Spring. Advanced camera handling, digital darkroom techniques and an emphasis on digital image capture and manipulation. Four hours of lecture/laboratory. Prerequisite: VCT 2820. Extra fee.
VCT	3860	Animatronics Technology	3.00	3.00	Fall even years. Overview of the audio-animatronic industry including design, fabrication, programming, installation, maintenance and evaluation; various applications. Four hours of lecture/laboratory. Extra fee.
VCT	4040	Research in Visual Communication Technology	3.00	3.00	Spring. Applying the research process to solve problems in the VCT industry regarding systems, equipment, materials, and facilities. Advanced inquiry regarding current issues/problems will be explored. Develop proposals, presentations and/or grants for research. Prerequisite: Matriculation in VCT.
VCT	4560	Digital Color Applications	3.00	3.00	Spring. Basic color theory and color models as applied in color capture (scanning, photo, video) and output (monitors/videos, color printers, color separation). Color management as applied in color image processing is also studied. Four hours of lecture/laboratory. Prerequisite: VCT 3080 or instructor approval. Extra fee.
VCT	4600	Digital Photography	3.00	3.00	Research and experimentation in computer-generated digital imaging techniques. Four hours of lecture/laboratory. Prerequisite: VCT 3820. Extra fee.

VCT	4650	Commercial Photography	3.00	3.00	Application of skills and knowledge pertaining to the professional field of commercial photography. Production requirements, studio management and the use of large format cameras and advanced lighting techniques in both B&W and color photography. Four hours of lecture/laboratory. Prerequisite: VCT 3820. Extra fee.
VCT	4670	Visual Communication Technology Synthesis	3.00	3.00	Fall, Spring, Summer on demand. Techniques of visual communication problem solving and project management: including project coordination, scheduling, specification analysis, scheduling, cost/estimating aesthetic and technical qualities of client projects. Four hours of lecture/laboratory. Prerequisites: Senior status and minimum of 17 hours completed in the VCT cognate. Extra fee.
VCT	4690	Advanced Video Production	3.00	3.00	Fall, Spring, Summer on demand. Advanced course in industrial video and audio production techniques, emphasis on non-linear editing. Includes multi-camera shooting and editing. Advanced audio and lighting techniques. Prerequisite: grade of C or better in VCT 3690. Four hours lab/lecture. Extra fee.
VCT	4800	Topics in VCT	1.00	3.00	Topics, trends, and inquiry related to the Visual Communication Technology field including theory, technology, and professional practice utilizing systems, processes, equipment, materials, and/or facilities. May be repeated on approval of adviser up to 6 hours.

VCT	4820	Advanced Concepts of Multimedia Production	3.00	3.00 Spring. In-depth examination and experimentation of multimedia concepts and tools. Integration of digital photography, imaging, computer applications of hardware and software, learning strategies, planning and evaluation. Four hours of lecture/laboratory. Prerequisites: VCT 3660 or instructor approval. Extra fee.
VCT	4900	Problems in Visual Communication Technology	1.00	3.00 For advanced students wanting to conduct intensive study of selected problems in visual communication technology. May be repeated. Prerequisite: consent of college and instructor. Graded S/U.