

Technical Communications A.A.S.

Illustration/Multimedia Emphasis

Program Description

Illustration/Multimedia Emphasis prepares students for a variety of career opportunities, providing a general education background in technical communication and specialty courses for emphasis in illustration, multimedia and visual communications. The curriculum provides an excellent foundation for those seeking entry into the graphic arts, multimedia and presentation professions. In addition, the degree provides advanced training for those already working in these areas. Theory as well as practical hands-on application in computer art and illustration, animation multimedia, digital media and imaging and design, insure a solid curriculum. Students learn how to research topics, how to plan the production of printed or electronic materials, how to prepare media presentations and publications, computer and software applications and other related topics.

Employment Information

The U.S. Bureau of Labor Statistics reports that there will be rapid growth for design, desktop publishing and computer software specialists. These fall into the six fastest growing occupations through 2010.

Degree Awarded

Associate in Applied Science

For More Information Contact:

Division Advisor
 Business Technologies Division
 Business Technology Building
 Room 300
 900 N. Portland Avenue
 Oklahoma City, OK 73107
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Diane Wolfe
 Department Head

Technical Occupational Specialty				36 Credit Hours	Date	Institution
<input type="checkbox"/>	CIS	1113	Computer Concepts with Applications	3		
or						
<input type="checkbox"/>	CIS	1103	Fundamentals of Computers with Application	3		
<input type="checkbox"/>	ITD	1323	Internet Fundamentals	3		
<input type="checkbox"/>	TCOM	1253	Computer Graphic Illustration	3		
<input type="checkbox"/>	TCOM	1333	Desktop Publishing I	3		
<input type="checkbox"/>	TCOM	2233	Computer Animation	3		
<input type="checkbox"/>	TCOM	2263	Digital Media	3		
<input type="checkbox"/>	TCOM	2273	Digital Imaging	3		
<input type="checkbox"/>	TCOM	2303	Desktop Publishing II	3		
<input type="checkbox"/>	TCOM	2323	Multimedia Computing	3		
<input type="checkbox"/>	TCOM	2423	Advanced Multimedia	3		
<input type="checkbox"/>	TCOM	2443	Multimedia Project Design and Management	3		
<input type="checkbox"/>	TCOM	2823	Technical Communications Capstone	3		
Support and Related Courses				6 Credit Hours		
<input type="checkbox"/>	TCOM	1463	Computer Art	3		
<input type="checkbox"/>	TCOM	2033	Web Page Design	3		
General Education Requirements				18 Credit Hours		
<input type="checkbox"/>	ENGL	1213	English Composition I	3		
<input type="checkbox"/>	ENGL	1213	English Composition II	3		
<input type="checkbox"/>	HIST	1483	U.S. History to 1865	3		
or						
<input type="checkbox"/>	HIST	1493	U.S. History Since 1865	3		
<input type="checkbox"/>	MATH	1413	General College Math	3		
or						
<input type="checkbox"/>	MATH	1513	College Algebra	3		
<input type="checkbox"/>	POLS	1113	American Government	3		
<input type="checkbox"/>	General Education Elective		<i>(must be approved by division advisor)</i>	3		
Total to Graduate				60 Credit Hours		

Student Name:	_____
CWID:	_____
Counselor:	_____
Catalog 2009-2010	

CIS 1103 FUNDAMENTALS OF COMPUTERS WITH APPLICATIONS

This course is designed to provide students with an introduction to the fundamentals of computers and their applications in business. Topics include: computer evolution, information processing, computer functions, information systems, program development process, microcomputer systems and applications, data communication, transaction processing and future trends. Theory and hands on computer instruction. This introductory course is intended for students with existing computer skills. Prerequisites: placement test or CIS 1003.

***CIS 1113 COMPUTER CONCEPTS WITH APPLICATIONS**

Provides students with an introduction to concepts and applications of the personal computer in business. Topics include spreadsheets, databases, word processing, ethics, vocabulary, Internet skills and file system management. Theory and hands-on computer instruction is included. Prerequisite: READ 0033 or [R].

***ITD 1323 INTERNET FUNDAMENTALS**

Introduction to the worldwide computer network. Course uses a hands-on approach to teach students the history and capabilities of the Internet. Students learn the resources available via the World Wide Web and searching capabilities. Prerequisites: placement test or CIS 1003.

***TCOM 1253 COMPUTER GRAPHIC ILLUSTRATION**

Study of basic concepts of computer graphics. Design and use of graphic software applications. Students will learn design and presentation skills. Prerequisite: CIS 1103 or CIS 1113. Fall only.

***TCOM 1333 DESKTOP PUBLISHING I**

Overview of desktop publishing, where an individual (through the proper equipment and software), can manipulate existing material or prepare new materials for printing. Course will concentrate on basic layout and design and practical applications of word processing, graphics and pagination programs important to creating attractive and effective documents at a lower cost than traditional printing methods.

***TCOM 1463 COMPUTER ART**

Introduction to computer graphics software. Students learn methods and processes for creating artwork with the computer. Phases of computer graphics include draft and paint modes, fills, textures, brushes, graphic tools and color blending through hands-on exercises in drawing, painting and graphic design. Prerequisite: CIS 1103 or CIS 1113. Fall only.

***TCOM 2033 WEB PAGE DESIGN**

Basic introduction to HTML (hypertext markup language) and to the theories and concepts of publishing on the World Wide Web. Students will construct a Web page using HTML. Prerequisite: ITD 1323. Spring only.

***TCOM 2233 COMPUTER ANIMATION**

Introduction to computer-aided animation, including generation and sequencing of images by computer to produce animation. Prerequisite: CIS 1103 or CIS 1113. Spring only.

***TCOM 2263 DIGITAL MEDIA**

Introduction to digital images and image editing software applications. Course covers using a digital camera, media transfer, resolution, enhancing and altering images. Prerequisite: CIS 1103 or CIS 1113. Fall only.

***TCOM 2273 DIGITAL IMAGING**

Advanced course in digital media and imaging. Course covers advanced image editing and software features. Prerequisite: TCOM 2263. Spring only.

***TCOM 2303 DESKTOP PUBLISHING II**

Desktop Publishing II will present a more detailed review of the desktop publishing concept, proper equipment and software. Also included will be concentration on design and layout of graphic, text and pictorial subject matter. Prerequisite: TCOM 1333.

***TCOM 2323 MULTIMEDIA COMPUTING**

Introductory course in multimedia design and implementation. Course explores the design principles and theory involved in multimedia presentation. Student will design and present application. Prerequisite: CIS 1103 or CIS 1113. Spring only.

***TCOM 2423 ADVANCED MULTIMEDIA**

Advanced course in computer-based multimedia interactive design. Integrates multimedia authoring, web design and presentation graphics in multimedia project development. Emphasis is on user friendly applications, utilization of digital video and audio and presentation to the Web. Prerequisite: TCOM 2323. Spring only.

***TCOM 2443 MULTIMEDIA PROJECT DESIGN AND MANAGEMENT**

Design and implementation process for computer-based multimedia applications, including principles of instructional design, understanding your audience, project design, application testing and configuration considerations. Students will apply principles learned in this course in the creation of a multimedia project. Prerequisite: TCOM 2323. Spring only

***TCOM 2823 TECHNICAL COMMUNICATIONS CAPSTONE**

The final culmination of the program of study. The student will demonstrate the collected knowledge, skills and techniques acquired in the program courses by working through scenarios. Prerequisite: 27 hours of TCOM coursework.