

Commercial Multimedia: Computer Multimedia Graphics Option

Bachelor of Science (BS)

Computer Multimedia Graphics Option

Technology management is a field of study designed to prepare technical and/or management oriented professionals for employment in business, industry, education, and government.



Technology management is primarily involved with the management, operation, and maintenance of complex technological systems while engineering and engineering technology are primarily involved with the design and installation of these systems.

Technology management: computer multimedia graphics students will...

- Use electronic equipment and software for the preparation of copy, including design, editing, and typography.
- Acquire and edit digital images. The digital still camera and its operations are stressed along with computer image editing software.
- Be introduced to multimedia software, hardware, the integration of text, technical graphics, sound, animation, webpage design, and digital publishing.
- Be introduced to the digital video camera and video editing suite and produce personal and corporate videos in individual and group settings.
- Be exposed to Autodesk Maya, Mudbox, the Adobe Creative Suite, and Adobe Lightroom.

Career Planning

Career preparation is part of the mission of Southeast. In fact, more than 90% of Southeast students participate in internships, clinical opportunities, student teaching, research assistantships, and study abroad.

Professional career counselors are available for all students. The Office of Career Services in Academic Hall 057 can provide students with professional career counseling, resume critiques, practice interviews, job search strategies, career events, networking opportunities, and more.

Demonstrated Career Proficiency is a Requirement of all Southeast Students		
CL001/CL002	First Semester	Complete the FOCUS2 assessment and develop a Career Action Plan.
CL003	Junior Year	Students gain information about career planning and job searching resources.
CL004	Senior Year	Students demonstrate advanced proficiency by identifying a position in their field, developing a cover letter, and tailoring a resume for the position. Materials are critiqued to ensure preparedness for a successful job search.

Career Opportunities

- 3-D Animator
- Video Game Designer
- Web Designer
- Interactive Developer
- Graphic Designer
- Design Supervisor
- Video Production/Editor
- Digital Publisher

Professional and Student Organizations

The Student Photography Association provides members with opportunities to make photographic work in digital or film. Film processes include developing and printing of original photographic work, toning prints, using halo chrome and liquid light, and other darkroom techniques. Members organize photographic field trips and outings for additional experience.

To learn more
Office of Admissions
(573) 651-2590
admissions@semo.edu
semo.edu

To explore
the College of
Science, Technology and
Agriculture online, visit
www.semo.edu/costa

For advising
Center for Academic Advising - North
(573) 651-5090
www.semo.edu/advising
advisingnorth@semo.edu

Commercial Multimedia: Computer Multimedia Graphics Option**Bachelor of Science (BS)**

This is a guide based on the 2016-2017 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use DegreeWorks to monitor their individual progress.

CURRICULUM CHECKLIST**Commercial Multimedia: Computer Multimedia****Graphics Option – 81 Hours**

- CH180 Chemistry in Our World (3)
- GM180 Introduction to Technical Graphics (3)
- GM200 Vector & Bitmapped Graphics for Industry (3)
- GM282 Vector Graphics (3)
- GM320 Graphic User Interface Design (3)
- GM326 Interactive Multimedia (3)
- GM380 3D Modeling & Animation Prod (3)
- GM385 HD Video for Multimedia (3)
- GM386 Interactive Multimedia & Animation (3)
- GM480 3D Animation Pipeline (3)
- GM490 Advanced Graphics Projects (3)
- IM102 Technical Communication (3)
- IM301 Industrial Safety (3)
- IM311 Statistical Process Control (3)
- IM419 Industrial Supervision (3)
- IM506 Projects in IET (3)
- MA134 College Algebra (3)
- MN220 Engineering Econ Analysis (3)
- MN260 Technical Computer Programming Applications (3)
- PG284 Photography Fundamentals (3)
- PG285 Commercial Photographic Lighting (3)
- PG286 Commercial Studio Photography (3)
- PG384 Commercial Photography I (3)
- PH106/006 Physical Concepts (3)
- SW207 Understanding Cultural & Social Diversity (3)
- UI410 Manufacturing Research in a Global Society (3)

Choose three hours:

- MA133 Plane Trigonometry (3)
- MA223 Elementary Probability & Statistics (3)

University Studies Requirements (not already listed above):

UI100 First Year Seminar, EN100 English Composition, Written Expression, Oral Expression, Literary Expression, Behavioral Systems, Living Systems, Development of a Major Civilization, Political Systems, and two IU/UI3XX

SAMPLE FOUR-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	3	GM200	3
	EN100	3	IM102	3
	GM180	3	IM301	3
	MA134	3	MA133/MA223	3
	Behavioral Systems	3	Written Expression	3
	Total	15	Total	15
SECOND YEAR	GM282	3	CH180	3
	GM380	3	GM386	3
	PG284	3	MN260	3
	TN255	3	PG285	3
	Oral Expression.	3	PH106/006	3
	Total	15	Total	15
THIRD YEAR	GM385	3	GM320	3
	IM311	3	MN220	3
	PG286	3	PG384	3
	Dev. of a Major Civ.	3	SW207	3
	IU/UI3XX	3	Elective	3
	Total	15	Total	15
FOURTH YEAR	GM326	3	GM490	3
	GM480	3	IM419	3
	Literary Expression	3	IM506	3
	Living Systems	3	UI410	3
	IU/UI3XX	3	Political Systems	3
	Total	15	Total	15

Degree requirements for all students: a minimum of 120 credit hours, completion of University Studies program, career proficiencies (CL001-004), Writing Proficiency Exam (WP003), and completion of the Measure of Academic Proficiency and Progress (MAPP) at the senior level.

Refer to the Undergraduate Bulletin or DegreeWorks for additional graduation requirements (i.e., minimum GPA and course work) for your program of study.

Revised
2/23/2016