

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. 100% of programs offer our students an internship, study-abroad program, clinical opportunity, student teaching or research internship.

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

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.

Transfer and Dual Credit Students

If you have dual credit or transfer credit, please visit our transfer course equivalencies guide at semo.edu/transfercredit.

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

To explore
the Holland College of Arts and
Media online, visit
semo.edu/arts-media

For advising
Center for Academic Advising
semo.edu/advising

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This is a guide based on the 2018-2019 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 Degree Works 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)
- ___ IM300 Technical Communication (3)
- ___ IM301 Industrial Safety (3)
- ___ IM311 Statistical Process Control (3)
- ___ IM419 Industrial Supervision (3)
- ___ IM506 Projects in IET (3)
- ___ MA116 Precalculus A (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)
- ___ TN255 Microcomputer Maintenance and Troubleshooting (3)
- ___ UI410 Manufacturing Research in a Global Society (3)

Choose three hours:

- ___ MA117 Precalculus B (3)
- ___ MA223 Elementary Probability & Statistics (3)

University Studies Requirements – some requirements may be

fulfilled by coursework in major program

- Social and Behavioral Sciences – 3 hours
- Constitution requirement – 3 hours
- US History requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)

SAMPLE FOUR-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	UI100	3	GM200	3
	EN100	3	IM300	3
	GM180	3	IM301	3
	MA116	3	MA117/MA223	3
	University Studies	3	University Studies	3
	Total	15	Total	15
SECOND YEAR	GM282	3	CH180	3
	GM380	3	GM386	3
	PG284	3	MN260	3
	TN255	3	PG285	3
	University Studies	3	PH106/006	3
	Total	15	Total	15
THIRD YEAR	GM385	3	GM320	3
	IM311	3	MN220	3
	PG286	3	PG384	3
	University Studies	3	SW207	3
	Elective	3	Elective	3
	Total	15	Total	15
FOURTH YEAR	GM326	3	GM490	3
	GM480	3	IM419	3
	University Studies	3	IM506	3
	University Studies	3	UI410	3
	Elective	3	University Studies	3
	Total	15	Total	15

Degree requirements for all students: a minimum of 120 credit hours, completion of University Studies program, completion of 39 senior division hours (300-599), 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 Degree Works for additional graduation requirements for your program.