

Associate of Applied Science (AAS)

Technical Computer Graphics Option

Computer technology is an Associate of Applied Science (AAS.) Traditionally, AAS degrees are technical in nature with some general education requirements. If your interest is in computer networks and telecommunication systems; computer numerical control; automated machine operations; computer animation and graphics; or multimedia, computer technology might be for you. Upon completion, all of these options transition into bachelor degrees.

Technical Computer Graphics

Technical computer graphics provides students with a background in the technical communication industry, including 2-D and 3-D design (Web, video editing, multimedia, animation, graphic design, and photography).

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

- Web Designer
- Interactive Developer
- Graphic Designer
- Design Supervisor

Professional and Student Organizations

Student Photography Association

The Student Photography Association provides members the opportunity to work with photography in digital and film formats. Film processes include developing and printing by toning prints, using halo chrome and liquid light, as well as other darkroom techniques. Members organize field trips and outings for additional experience.

AAS to BS Options

The following Bachelor of Science degree programs can be easily transitioned into after completion of the AAS degree:

- Technology Management: Computer Multimedia Graphics Option
- Commercial Photography

Other bachelor degree programs within the Department of Polytechnic Studies might be pursued in conjunction with this AAS degree; however, it may be more difficult. See an advisor for more details.

Transfer and Dual Credit Students

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

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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 DegreeWorks to monitor their individual progress.

CURRICULUM CHECKLIST

Computer Technology: Technical Computer Graphics

Option – 68 hours

- CH 181 Basic Principles of Chemistry (5)
 - EN 100 English Composition I (3)
 - OR
 - EN 140 Rhetoric & Critical Thinking (3)
 - IM 300 Technical Communications (3)
 - IM 301 Industrial Safety Supervision (3)
 - IM 419 Industrial Supervision (3)
 - MA 116 Precalculus A (3)
 - MA 117 Precalculus B (3)
 - MN 260 Tech Computer Programming (3)
 - PH 106 Physical Concepts (3)
 - PS 103 U.S. Political Systems (3)
 - SC 105 Fundamentals of Oral Communications (3)
- Technical Computer Graphics option**
- GM 180 Introduction to Technical Graphics (3)
 - GM 200 Vector & Bitmapped Graphics for Industry (3)
 - GM 282 Vector Graphics (3)
 - GM 320 Graphic User Interface Design (3)
 - GM 380 3D Modeling & Animation Prod (3)
 - GM 385 HD Video for Multimedia (3)
 - GM 386 Interactive Multimedia & Animation (3)
 - PG 284 Photography Fundamentals (3)
 - PG 285 Commercial Photographic Lighting (3)
 - TN 255 Microcomputer Maintenance & Troubleshooting (3)
- Choose 3 hours:
- GM 326 Interactive Multimedia (3)
 - GM 490 Advanced Graphics Projects (3)

SAMPLE FIVE-SEMESTER PLAN

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	EN100/EN140	3	GM282	3
	GM180	3	IM300	3
	GM200	3	MN260	3
	MA116	3	PG284	3
	MA117	3	PH106/006	3
	Total	15	Total	15
SECOND YEAR	CH181/081/001	5	GM380	3
	GM320	3	GM386	3
	GM385	3	GM326/GM490	3
	IM301	3	PG285	3
	Total	14	Total	15
THIRD YEAR	IM419	3		
	PS103	3		
	SC105	3		
	TN255	3		
	Total	12		

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

Revised
7/10/2018

Degree Map 2018-2019

To learn more
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semo.edu

To explore
the College of Science, Technology,
Engineering and Mathematics
online, visit
semo.edu/stem

For advising
Center for Academic Advising
semo.edu/advising