

**Associate of Applied Science (AAS)**

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. 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**

- 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.

**Southeast A+ Scholarship**

This program is eligible for the Southeast A+ Scholarship. Learn more about the scholarship at [www.semo.edu/aplus](http://www.semo.edu/aplus).

A Bachelor of Science degree program within the Department of Polytechnic Studies can be pursued in conjunction with the AAS degree and utilize the Southeast A+ Scholarship. Depending on the major, some courses are suggested sooner in the program (to keep a student progressing in their BS degree on time) that are not covered by the Southeast A+ Scholarship. This means that a student will have to pay out-of-pocket for such courses (such as UI100). Additionally, some programs can be more difficult to complete while using the Southeast A+ Scholarship because of the nature of the coursework.

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This is a guide based on the 2015-2016 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 102 Technical Communications (3)
- \_\_\_ IM 301 Industrial Safety Supervision (3)
- \_\_\_ IM 419 Industrial Supervision (3)
- \_\_\_ MA 133 Plane Trigonometry (3)
- \_\_\_ MA 134 College Algebra (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)
- \_\_\_ GM 490 Advanced Graphics Projects (3)
- \_\_\_ PG 284 Photography Fundamentals (3)
- \_\_\_ PG 285 Commercial Photographic Lighting (3)
- \_\_\_ TN 255 Microcomputer Maintenance & Troubleshooting (3)

**SAMPLE FIVE-SEMESTER PLAN**

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
<b>FIRST YEAR</b>	EN100/EN140	3	GM282	3
	GM180	3	IM102	3
	GM200	3	MN260	3
	MA133	3	PG284	3
	MA134	3	PH106/006	3
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>
<b>SECOND YEAR</b>	CH181/081/001	5	GM380	3
	GM320	3	GM386	3
	GM385	3	GM490	3
	IM301	3	PG285	3
	<b>Total</b>	<b>14</b>	<b>Total</b>	<b>15</b>
<b>THIRD YEAR</b>	IM419	3		
	PS103	3		
	SC105	3		
	TN255	3		
	<b>Total</b>	<b>12</b>		

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

*Revised  
7/12/2016*