

Computer Technology (Online)

Associate of Applied Science (AAS)

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Computer Technology is an Associate of Applied Science (AAS) option. AAS degrees are traditionally technically focused with some general education requirements. If your interest is in technically oriented tasks such as designing and implementing computer networks and telecommunication systems, solving manufacturing process and production problems, programming computer numerical control (CNC) machines for automated machine operations, designing computer graphics or designing multimedia projects, the online computer technology option might be for you. This degree transitions smoothly into bachelor and master's degree options upon completion.

Becoming Career Ready...

/ Faculty with relevant industry experience work closely with students by providing them with career-ready practical experience and a technology-based curriculum.

/ Examples of job titles will vary considerably for this program as it is designed to qualify students to advance into technical positions with appropriate work experience.

/ Students are engaged throughout the Computer Technology curriculum to develop knowledge and professionalism, as well as practical skills, to pursue various career trajectories upon graduation

/ 100% of Southeast programs offer real-world experience. Computer Technology program students earn this experience through valuable hands-on experience through required labs that accompany the technology courses work.

/ The path to a successful career starts with you! You can maximize your career development by working closely with Career Services and Southeast faculty – they are here to help you connect your passions, interests and skills to jobs and opportunities in the field. Career Services provides professional career counseling and coaching, resume critiques, practice interviews, job search strategies, career events, networking opportunities and more.

Career Opportunities:

- Information Technology Specialist
- Network Administrator/Specialist
- Production Specialist
- Quality Assurance
- Sales and Estimating
- Production Technician
- Graphic Designer

AAS to BS and MS Options

The following degree programs can be easily transitioned into after completion of this AAS degree:

- Bachelor of Science in Technology Management: Technology Management Option (Online)
- Master of Science in Technology Management (online)

Southeast Missouri State University offers an accelerated master's degree option for current Southeast technology management students as an early start toward their master's degree. **Save time and money by applying upper level courses toward the accelerated master's degree.** For more information, talk with the program advisor to see how you can utilize this option to expedite your degree completion. Please review the MS: Technology Management degree map.

Transfer and Early College Program Students

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

To learn more
 Southeast Online
 (573) 651-2766
southeastonline@semo.edu
semo.edu/online

To explore
 all online degree options, visit
semo.edu/online

For advising
 Phone: (573) 651-5184
Onlineadvising1@semo.edu
semo.edu/online

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This is a guide based on the 2021-2022 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

Computer Technology – 58-62 Hours

- ___ EN100 English Composition I (3)
- ___ IM300 Technical Communications (3)
- ___ IM301 Industrial Safety Supervision (3)
- ___ IM311 Statistical Process Control (3)
- ___ MA116 Precalculus A (3)
- OR
- ___ MA115 Precalculus A with Integrated Review (5)
- ___ MN220 Engineering Economic Analysis (3)
- ___ PS103 U.S. Political Systems (3)
- ___ SC105 Fundamentals of Oral Communications (3)
- OR
- ___ SC107 Online Oral Presentations (3)
- Choose 3-4 hours:
- ___ CM260 Computer Methods of Const Managers (3)
- ___ CS101 Computer Science (4)
- ___ MN260 Mechanical Computer Programming (3)
- Physical Science- Choose 8-10 hours of the following:
- ___ CH180 Chemistry in our World (3) **
- ___ CH181 Basic Principles of Chemistry (5) **
- ___ PH106 Physical Concepts (3) **
- ___ PH120 Introductory Physics I (5) **
- ___ PH121 Introductory Physics II (5) **
- ___ PH230 General Physics I (5) **
- ___ PH231 General Physics II (5) **
- ** Many programs require the 5-hour lab classes. Please work with an advisor to determine which are appropriate for you.
- Technical electives as approved by the advisor and department (a minimum of 23 hours)
- ___ CM310 Construction Building Codes (3)
- ___ IM313 Facilities Planning (3)
- ___ IM411 Total Quality Assurance (3)
- ___ IM317 Cooperative Industrial Internship (3)
- ___ IM417 Manufacturing Resource Analysis (3)
- ___ IM419 Industrial Supervision (3)
- ___ MA117 Precalculus B (3)
- ___ MA140 Analytic Geometry & Calculus I (5)
- ___ TN255 Microcomputer Maintenance (3)
- ___ TN275 Introduction to Networks (3)
- ___ UI319 Science, Technology, and Society (3)

SAMPLE YEARLY COURSE MAP

FALL	Start / Stop	Course #	Hrs
Full Term	Aug. - Dec.		3
Full Term	Aug. - Dec.		3
Full Term	Aug. - Dec.		3
1st 8 Week	Aug. - Oct.		3
2nd 8 Week	Oct. - Dec.		3
Total			15

SPRING	Start / Stop	Course #	Hrs
Wintersession	Dec. - Jan		3
Full Term	Jan. - May		3
Full Term	Jan. - May		3
1st 8 Week	Jan. - Mar.		3
2nd 8 Week	Mar. - May		3
Total			15

SUMMER	Start / Stop	Course #	Hrs
1st 4 Week	May-June		3
8 Week	June-August		3
2nd 4 Week	June-July		3
Total			9

Revised
8/17/2021

Degree requirements for all students: a minimum of 60 credit hours. Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.