

## Technology Management: Technology Management Option

### Bachelor of Science (BS)

# Technology Management Option

The Technology Management option is specifically designed for students who have earned technically-oriented accredited Associate of Applied Science (AAS) degrees and for those with national certifications or exams and two years of directly related work experience. Students are awarded up to 34 credit hours for their technical coursework toward the Technology Management major with the Technology Management option.

#### Technology Management Option students will...

- Apply credit they received from an Associate of Applied Science Degree or work experiences to a Bachelor of Science Degree.
- Understand the fundamental concepts required to be a professional in the field, including concepts in mathematics, physical sciences, technology, and management.
- Obtain more specialized knowledge in elective areas of the students choosing- including construction, electrical systems, mechanical systems, manufacturing, networking, facilities, and computer graphics.

#### 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.

#### Special Options with Technology Management

This program is available as an online program, as well as to students on the main campus.

Southeast Missouri State University offers an accelerated master's degree for current Southeast technology management students. For more information, please see the MS: Technology Management degree map.

Southeast also offers a Master of Science in Technology Management.

#### Transfer and Dual Credit Students

If you have dual credit or transfer credit, please visit our transfer course equivalencies guide at [semo.edu/transfercredit](http://semo.edu/transfercredit).

#### Career Opportunities

These will vary considerably for this program as it is designed to qualify students to advance into technical management roles with appropriate work experience. However, entry-level position will vary based on AAS degree obtained and electives chosen.

#### Additional Admission Requirements

In addition to the normal University admissions requirements, the Technology Management: Technology Management Option has requirements to meet the 34 hours block of credit. Students typically meet this requirement by completing an Associate of Applied Science degree at a regionally accredited institution. This credit will automatically be applied upon submission of the transcripts to the University.

Otherwise, students can apply for this credit by submitting a portfolio for either (Option 1) a recognized national certification or exam and two years of directly related work experience or (Option 2) a technical associate degree or certificate from a non-regionally accredited institution. The purpose of the portfolio is for potential students to validate that their background and experiences equate to the technical competencies gained from a related Associate of Applied Science degree. Requirements for both options are listed below. For either option, the portfolio shall be submitted to the Department of Polytechnic Students and the faculty *may* require additional information if needed.

##### Option 1 Portfolio Requirements (Work Experience)

- Letter stating the reason(s) for interest in pursuing a BS degree in Technology Management. This letter will be used to evaluate written communication skills.
- A resume with three references, including previous or current employers.
- Proof of current related certification or date and scores of exam.
- Official transcripts from all schools attended.
- Letters from previous or current employers documenting related work experience and technical competence in detail. Contact Letters should include dates of employment, tasks performed, employer contact information for follow up, and any other pertinent information to show significance of the work experience.
- Certificates or other appropriate documentation from related formal training and workshops attended

##### Option 2 Portfolio Requirements (Non-Accredited Degree)

- Letter stating the reason(s) for interest in pursuing a BS degree in Technology Management. This letter will be used to evaluate written communication skills.
- A resume with three references, including previous or current employers.
- Official transcripts from all schools attended.
- Catalog listings showing completed program requirements and course descriptions

**To learn more**  
 Office of Admissions  
 (573) 651-2590  
[admissions@semo.edu](mailto:admissions@semo.edu)  
[semo.edu](http://semo.edu)

**To explore**  
 the College of Science,  
 Technology, Engineering and  
 Mathematics online, visit  
[semo.edu/stem](http://semo.edu/stem)

**For advising**  
 Center for Academic Advising  
[semo.edu/advising](http://semo.edu/advising)

**Technology Management: Technology Management Option****Bachelor of Science (BS)**

This is a guide based on the 20018-2019 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****TECHNOLOGY MANAGEMENT: TECHNOLOGY MANAGEMENT OPTION – 101 Hours Required****TECHNOLOGY MANAGEMENT CORE – 46 hours**

- \_\_\_ IM 300 Technical Communication (3)
- \_\_\_ IM 301 Industrial Safety (3)
- \_\_\_ IM 311 Statistical Process Control (3)
- \_\_\_ IM 419 Industrial Supervision (3)
- \_\_\_ IM 506 Projects in IET (3)
- \_\_\_ MA 116 Precalculus A (3)
- \_\_\_ MA 117 Precalculus B (3)
- \_\_\_ MA 139 Applied Calculus (3)
- \_\_\_ MN 220 Engineering Economic Analysis (3)
- \_\_\_ MN 260 Technical Computer Programming Applications (3)
- \_\_\_ PH 121/021 Introductory Physics II (5)
- OR
- \_\_\_ CH181/018/001 Basic Principles of Chemistry (5)
- \_\_\_ PH 120/020 Introductory Physics I (5)
- \_\_\_ SW 207 Understanding Cultural & Social Diversity (3)
- \_\_\_ UI 410 Manufacturing Research in a Global Society (3)

**TECHNOLOGY MANAGEMENT OPTION (55 hours)**

- \_\_\_ AAS Degree or two year of related work experience and a recognized national certification or exam score. Candidates may need to provide documentation, in the form of a portfolio, for their degree or certification and experience to be considered by the department faculty for credit. An interview may also be required. (34)
- \_\_\_ Upper level technical electives - Determined by consulting with an advisor (21)

**NOTE:** Must have a total of 39 hours of 300-599 level classes

**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**

**NOTE:** Plan below assumes the 34 hour block has already been completed from AAS degree or work experience.

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
<b>FIRST YEAR</b>	UI100	3	IM300	3
	EN100	3	IM301	3
	MA116	3	MA117	3
	Program Elective 1	3	MN260	3
	Program Elective 2	3	University Studies	3
	University Studies	3	University Studies	3
	<b>Total</b>	<b>18</b>	<b>Total</b>	<b>18</b>
Milestone: maintain 2.0 cumulative GPA				

<b>SECOND YEAR</b>	MA139	3	PH121 or CH181	5
	PH120	5	SW207	3
	Program Elective 3	5	Program Elective 5	3
	Program Elective 4	3	Program Elective 6	3
			University Studies	3
	<b>Total</b>	<b>14</b>	<b>Total</b>	<b>17</b>
Milestone: maintain 2.0 cumulative GPA				

<b>THIRD YEAR</b>	IM311	3	IM506	3
	IM419	3	MN220	3
	Program Elective 7	3	UI410	3
	University Studies	3	University Studies	3
	University Studies	3	University Studies	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>	
Milestone: maintain 2.0 cumulative GPA				

**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.