

APPLIED TECHNOLOGY

Bachelor of Applied Science (BAS)

This is a guide based on the 2024-2025 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

51-55 Hour Major – No minor required

Required Courses:

- ___ EN100 English Composition I (3)*
- ___ IM300 Technical Communication (3)
- ___ IM301 Industrial Safety (3)
- ___ IM309 Science, Technology & Society (3)
- ___ IM419 Industrial Supervision (3)
- ___ IM506 Projects in IET (3)
- ___ MN220 Engineering Economic Analysis (3)

Choose one course:

- ___ IM311 Statistical Process Control (3)
- ___ PY271 Psychological Research I (3)

Choose one course:

- ___ IM410 Manufacturing Research in a Global Society (3)
- ___ MG301 Principles of Management (3)

Choose 3-5 hours*:

- ___ CH181/081/001 Basic Principles of Chemistry (5)
- ___ CH184/185 General Chemistry I Lecture and Lab (4)
- ___ PH106/006 Physical Concepts (3)
- ___ PH120/020 Introductory Physics (5)

Choose one course*:

- ___ MA116 Precalculus A (3)
- ___ MA137 Precalculus (5)

Choose one track:

Applied Technology Track- choose 18 hours

- ___ Upper-level technical electives - Determined by consulting with an advisor (18)

Allied Health Track – choose 18 hours

- ___ BI/PB320 Introduction to Public Health (3)
- ___ ED535 The Trauma Informed Professional (3)
- ___ FN355 Lifespan Nutrition (3)
- ___ HA510 Healthcare Performance Improvement (3)
- ___ HA555 Fundamentals of Medical Practice Management (3)
- ___ HA556 Topics in Healthcare Administration (1-3)
- ___ HA586 Healthcare Strategy and Marketing (3)
- ___ HL320 Community Health (3)
- ___ HL350 Issues and Trends in Motor Learning (3)
- ___ HL510 Health Concerns of Aging (3)
- ___ HL550 Exercise Programming for Special Populations (3)
- ___ MG301 Principles of Management (3)
- ___ MG362 Management Skills (3)
- ___ PB541 Topics in Public Health (3)
- ___ PB508 Essentials of Public Health Nutrition (3)
- ___ TS412 Topics for Healthcare Professionals (3)

*If not transferred in with AAS degree.

Notes:

- Admission to this program requires an earned AAS degree.
- Work with an advisor to determine electives. The prerequisites for the upper-level electives must be completed through a combination of these courses and courses taken during the AAS degree program.
- Technical electives are typically courses with prefixes of CM, ET, FM, IE, IM, MN, or TN
- Some upper-level electives may require additional courses as prerequisites beyond what is shown here.

General Education Requirements – some requirements may be fulfilled by coursework in major program.

- Social and Behavioral Sciences – 6 hours
- Constitution 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)
- Civics examination

SAMPLE CURRICULAR PLAN

NOTE: Because the courses accepted from the transfer AAS degree can vary greatly, the courses required to take at Southeast to complete this program can also vary and cause deviation from the plan below.

	Fall Semester		Spring Semester	
	Course #	Hrs	Course #	Hrs
FIRST YEAR	IM300	3	IM301	3
	MN220	3	IM309	3
	Applied Tech elective	3	IM311/PY271	3
	General Education	3	Applied Tech elective	3
	General Education	3	General Education	3
	Total	15	Total	15
	Milestone: maintain 2.0 cumulative GPA			
SECOND YEAR	IM419	3	IM410/MG301	3
	Applied Tech elective	3	IM506	3
	Applied Tech elective	3	Applied Tech elective	3
	General Education	3	Applied Tech elective	3
	General Education	3	General Education	3
	Total	15	Total	15
	Milestone: maintain 2.0 cumulative GPA			

Many major courses are on a set rotation and dependent on when prerequisites are completed. The actual semester a course is taken may vary based on the rotation.

Degree requirements for all students: a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.

A minimum 2.00 GPA in the major and overall are required to graduate with a BAS degree.



Revised
7/2/2024

2024-2025 degree map

