

# 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 Introduction to Behavioral Statistics (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
<b>FIRST YEAR</b>	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
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>
Milestone: maintain 2.0 cumulative GPA				
<b>SECOND YEAR</b>	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
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>
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  
4/2/2024

# 2024-2025 degree map

