APPLIED TECHNOLOGY

Bachelor of Applied Science (BAS)

This is a guide based on the 2023-2024 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)
- ___ IM311 Statistical Process Control (3)
- ___ IM410 Manufacturing Research in a Global Society (3)
- ___ IM419 Industrial Supervision (3)
- ___ IM506 Projects in IET (3)
- ___ MN220 Engineering Economic Analysis (3)

Choose 3-5 hours*:
- ___ CH180 Chemistry in Our World (3)
- ___ 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)

APPLIED TECHNOLOGY ELECTIVES - 18 hours
- ___ Upper-level technical electives - Determined by consulting with an advisor (18)

*If not transferred in with AAS degree.

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

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.

SAMPLE FOUR-YEAR 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	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	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.

FASTTRACK
WORKFORCE INCENTIVE GRANT

2023-2024 *degree map*