

**Curriculum in Engineering Technology
Leading to the Degree of Bachelor of Science
Industrial Engineering Technology Concentration**

FIRST YEAR

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
+ Eng. Tech. 100 (Intro. Eng Tech).....	3	+ Eng. Tech. 150 (Software for Data Mgmt.).....	3
Industrial Tech. 111(Engineering Drafting)	3	Math 200.....	5
Mathematics 165 (Pre-Calculus with Trig)	3	English 102.....	3
English 101.....	3	Physics 191 (General Physics I)	3
+ Eng. Tech. 202 (Computer Applications).....	3	Physics 193 (General I Lab)	1
Southeastern 101 ¹	0-3		—
	—		15

15-18

SECOND YEAR

+ Eng. Tech. 241 (Strength of Materials)	3	+ Eng. Tech. 283 (Manufacturing Processes).....	3
Occupational Safety 111.....	3	History 101, 102, 201, or 202	3
Mathematics 241 (Statistics)	3	+ Eng. Tech. 213 (Electrical Circuits)	3
English 230, 231, or 232.....	3	English 322.....	3
Chemistry 121 (General Chemistry I)	3	Physics 192 (General Physics II).....	3
Chemistry 123 (General Chemistry I Lab)	1	Physics 194 (General Physics II Lab)	1
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	16		16

THIRD YEAR

+ Industrial Tech. 407 (Stat. Qual. Assurance)....	3	Industr. Tech. 308 (Prod. Planning & Control)	3
+ Eng. Tech. 390 (Engineering Economics).....	3	+ Eng. Tech. 305 (Human Factors Engineering)	3
Biology 151	3	Industr. Tech. 405 (Work Meth&Measurement) ..	3
+ Eng. Tech. 357 (Auto Ident. & Data Capture)....	3	Social Science ³	3
Communication 211	3	Eng. Tech 353 (Total Quality Management)	3
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	15		15

FOURTH YEAR

Industr. Tech. 406 (Facility Planning&Design)....	3	+ Eng. Tech. 463 (Cost Estimating)	3
+ Eng. Tech. 492 (Project Management).....	3	+ Eng. Tech. 465 (Industr. Simul. &Modeling).....	3
Industrial Tech. 402 (Industrial Supervision).....	3	+ Eng. Tech. 490 (Seminar).....	1
Technical Elective ²	3	+ Eng. Tech. 494 (Senior Design II).....	2
+ Eng. Tech. 493 (Senior Design I).....	2	Technical Elective ²	3
Social Science ³	3	Music, Art, Theater, or Dance	3
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	17		15

Total Semester Hours Required

..... **12**

5-128

¹Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more.

²Technical electives should be selected by students in consultation with their advisor. ³Economics, Psychology, Anthropology, Sociology or Political Science.

+A grade of "C" or better is required in all major courses; an overall GPA of 2.0 is required to graduate.