



**ENGINEERING
and TECHNOLOGY**
University of NORTH ALABAMA

B.S. in Engineering Technology
Chemical Engineering Option
Suggested Four-Year Schedule for 2021-22 Admission

FALL SEMESTER

SPRING SEMESTER

	COURSE NO.	COURSE NAME	CR		COURSE NO.	COURSE NAME	CR
Year 1	CS 135	Computer Skills for Problem Solving	3	15	ET 100	Introduction to Engineering and Technology	3
	EN 111	English Composition I	3		CH 112/ CH 112L	General Chemistry II	4
	MA 115	Pre-Calculus Algebra and Trigonometry	4		GenEd	Area II - Fine Arts	3
	CH 111/ CH 111L	General Chemistry I	4		EN 112	English Composition II	3
	FYE 101	First-Year Experience	1		HI 101 <u>or</u> HI 201	General Education Area IV - history sequence	3
Year 2	PHL 205 <u>or</u> PHL 250	Ethics <u>or</u> Business Ethics	3	13-15	BI 111	Principles of Biology	4
	MA 345	Applied Statistics I	3		CH 311/ CH 311L	Organic Chemistry	5
	MA 125 <u>or</u> MA 121	Calculus I <u>or</u> Calculus for Business and Life Sciences I	4-3		MA 126 <u>or</u> MA 122	Calculus II <u>or</u> Calculus for Business and Life Sciences II	4-3
	PH 241 <u>or</u> PH 251	General Physics I <u>or</u> Technical Physics I	4-5		ET 300	Materials Science	3
Year 3	CH 341/ CH 341L	Applied Physical Chemistry	4	14	ET 330	Thermodynamics	3
	ET 301	Mass and Energy Balance	3		ET 401	Fluid Flow and Heat Transfer	4
	CS 155	Computer Science I	3		ET 370	Economics and Product Design	3
	COM 201	Fundamentals of Speech	3			Elective	3
		Elective	1		COM 205	Communications in a Global Age	3
Year 4	ET 403	Chemical Reactors & Separators	5	15	HI 102 <u>or</u> HI 202	General Education Area IV - history sequence	3
	ET 411	Process Modeling and Simulations	2		EN 232	Literature of the World II	3
	OHS 301	Occupational Safety and Health	3		ET XXX	Elective	3
	ET 495W	Engineering Technology Capstone	4			Elective	4
		Elective	1		SO 222	Current Social Problems	3
TOTAL CREDIT HOURS FOR GRADUATION							120

Please note this plan is subject to change and users should refer to the Undergraduate Catalog for details.