

**The University of Alabama in Huntsville
Bachelor of Science in Professional Studies
Concentration in Engineering Technology
Category 3**

Degree Requirements	Required Semester Credits	CCAF Transfer Credits¹	Credits to take at UAH
UAH Charger Foundations (General Education)²	41	15	26
EH 101 College Writing I	3	3	
EH 102 College Writing II	3		3
Fine Art	3		3
Literature	3		3
Humanities (Literature or non-literature) ²	3	3	3
Humanities or Fine Art	3	3	3
Mathematics ³	3	3	
Natural Science I ⁴	4		4
Natural Science II ⁴	4		4
History	3		3
History or Social & Behavioral Science	3		3
Social & Behavioral Science	3	3	
Social & Behavioral Science	3		3
Preprofessional General Education	10	0	10
MA 171 Calculus A	3		
ENG 101 Intro to Computing for Engineers ⁵	4		
MSC 287 Business Statistics I	3		
Interdisciplinary Core Courses	9	0	9
PRO 301 Theories & Practices of Adult Learning	3		3
PRO 310 Academic Writing for Professional Studies	3		3
PRO 320 Interdisciplinary Perspectives & Critical Thinking	3		3
Engineering Technology Concentration	30		30
ET 301 Engineering Tech Foundations I	3		3

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ET 302 Engineering Tech Foundations II	3		3
ET 305 Engineering Communication	3		3
ET 310 Computer Aided Design for ET	3		3
ET 341 Intro Electrical Systems & Circuits	3		3
ET 334 Principles of Statics for ET	3		3
ET 335 Strength of Materials for ET	3		3
ET 336 Principles of Dynamics for ET	3		3
ET 431 Fundamentals of Manufacturing	3		3
ET 433 Instrumentation & Measurement Systems	3		3
Electives	30		0
CCAF (AAS Technical Education Electives & Program Electives)		30	0
Total Credits Required to Earn Bachelor of	Column Total 120	Column Total 45	Column Total 75

ADD NOTES AS NECESSARY

¹ Can apply up to 60 credit hours from a 2 year or community college.

² Students must take a sequence of 2 courses in either literature or history (2 literatures + 1 history OR 1 literature + 2 histories).

³ Math course selection is determined by placement. Precalculus Trigonometry (MA 113) may be required as a prerequisite to Calculus A (MA 171) which is required in the concentration.

⁴ General Physics I and II (PH 101 and PH 102) are required for the concentration.

⁵ A programming course equivalent can be substituted for ENG 101.

I have read and accept this program of study.

Student Name (Printed)

Student Signature

Date

Advisor Name (Printed)

Advisor Signature

Date