

COMPUTER ENGINEERING TECHNOLOGY

UNIVERSITY OF HOUSTON
COLLEGE OF TECHNOLOGY

ENGINEERING TECHNOLOGY
BACHELOR OF SCIENCE

NAME _____ UHID _____

UNIVERSITY CORE REQUIREMENTS

	GR	SH	AH
<u>Communication (6 SH)</u>			
ENGL 1303 English Composition I	_____	_____	_____
ENGL 1304 English Composition II	_____	_____	_____

<u>Writing In the Discipline (3 SH)</u>			
TELS 3363 Technical Communication	_____	_____	_____

<u>History/Government (12 SH)</u>			
HIST 1376 or 1377 US History to 1877	_____	_____	_____
HIST 1378 or 1379 US History since 1877	_____	_____	_____
POLS 1336 US & TX Const/Politics	_____	_____	_____
POLS 1337 US Government	_____	_____	_____

<u>Language, Philosophy, & Culture* (3 SH)</u>			
_____	_____	_____	_____

<u>Creative Arts* (3 SH)</u>			
_____	_____	_____	_____

<u>Social/Behavioral Science* (3 SH)</u>			
_____	_____	_____	_____

<u>Math/Reasoning- BS Special Requirement(14 SH)</u>			
ELET 2300 Intro. C++ Programming	_____	_____	_____
MATH 1431 Calculus I	_____	_____	_____
MATH 1432 Calculus II	_____	_____	_____
MATH 3307 Stastical Applications OR	_____	_____	_____
MATH 3321 Engineering Mathematics	_____	_____	_____

<u>Life & Physical Sciences (11 SH)</u>			
PHYS 1301/1101 Intro. Gen. Phys I & Lab	_____	_____	_____
PHYS 1302/1102 Intro. Gen. Phys II & Lab	_____	_____	_____
CHEM 1301 Foundations of Chemistry	_____	_____	_____

DEPARTMENTAL AND COLLEGE REQUIREMENTS

<u>General Technology and College Core (10 SH)</u>			
TECH 3366 Appl. Numerical Methods	_____	_____	_____
TELS 3340 Org Leadership & Supervision	_____	_____	_____
or HDCS 3300 Organizational Decisions in Tech.			
MECT 4188 Ethics in Engineering Tech	_____	_____	_____
MECT 3341 Computer Aided Drafting	_____	_____	_____
Or Approved MECT elective			

* Refer to class schedule for lists of courses which satisfy University requirements.

For graduation with Honors, see Undergraduate Catalog.

BS Special Requirements: students must complete 12 hours of quantitative & formal sciences including at least 6 hours of MATH coursework for any Bachelor of Science degree (see catalog).

MAJOR REQUIREMENTS

No grade lower than C- will be accepted for major course starting Fall 2015.

	GR	SH	AH
ELET 1400 Circuit Theory I & Lab	_____	_____	_____
ELET 1401 Circuit Theory II & Lab	_____	_____	_____
ELET 2303 Digital Systems	_____	_____	_____
ELET 2103 Digital Systems Lab	_____	_____	_____
ELET 2305 Semiconductor Devices & Ckts	_____	_____	_____
ELET 2105 Semiconductor Dev & Ckts Lab	_____	_____	_____
ELET 3301 Linear Systems Analysis	_____	_____	_____
ELET 3402 Communication Ckts.	_____	_____	_____
ELET 3403 Sensors Applications	_____	_____	_____
ELET 3405 Microprocessor Arch	_____	_____	_____
ELET 3425 Embedded Systems	_____	_____	_____
ELET 4308 Senior Project	_____	_____	_____
ELET 4208 Senior Project Lab	_____	_____	_____
ELET 4421 Computer Networks	_____	_____	_____

Pre-Approved Electives (Choose 12 SH)

ELET 4300 Unix Operating Systems	_____	_____	_____
ELET 4302 Data Communications Sys	_____	_____	_____
ELET 4309 Object Oriented Appl Prog	_____	_____	_____
ELET 4315 Telecommunications	_____	_____	_____
ELET 4325 Adv Micro Networks	_____	_____	_____
ELET 4327 Optical Circuits	_____	_____	_____
ELET 4332 Physiological Sys Modeling	_____	_____	_____
** Approved Elective	_____	_____	_____

** Any 3 credit 3000/4000 level ELET, ECE, COSC course not equivalent to any course on degree plan. (maximum of 1 course)

Free Elective (3 SH)

Total hours required: 124 semester hours

36 advanced (3000- or 4000-level) semester hours must be completed.

TSI requirements must be met.

Student Date

Advisor Date

Department Chair Date