ELECTRICAL POWER ENGINEERING TECHNOLOGY

UNIVERSITY OF HOUSTON
COLLEGE OF TECHNOLOGY

ENGINEERING TECHNOLOGY
BACHELOR OF SCIENCE

NAME_____ UHID_____

UNIVERSITY CORE REQUIREMENTS

			GR	SH	AH
Communication					
ENGL	1303	English Composition I	____	____	____
ENGL	1304	English Composition II	____	____	____
Writing in the Discipline					
TELS	3363	Technical Communication	____	____	____
History/Government					
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	____	____	____
Language, Philosophy & Culture* (3 SH)					
_____			____	____	____
Creative Arts* (3 SH)					
_____			____	____	____
Social/Behavioral Science* (3 SH)					
_____			____	____	____
Math/Reasoning & BS Special Requirement «					
ELET	2300	Intro. C++ Lang Programming†	____	____	____
MATH	1431	Calculus I	____	____	____
MATH	1432	Calculus II	____	____	____
TMTH	3360	Applied Tech Statistics OR	____	____	____
	MATH 3307	Statistical Applications OR			
	MATH 3321	Engineering Mathematics			
Life & Physical Sciences					
PHYS	1301/1101	Intro Gen. Physics I & Lab	____	____	____
PHYS	1302/1102	Intro Gen. Physics II & Lab	____	____	____

DEPARTMENTAL AND COLLEGE REQUIREMENTS

			GR	SH	AH
General Technology and College Core					
TELS	3340	Org Leadership & Supervision	____	____	____
	or HDCS 3300	Orgnztnl Decisions in Tech.			
MECT	1364	Materials and Processes I	____	____	____
MECT	3341	Computer Aided Drafting	____	____	____

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

Texas Success Initiative requirements must be met.

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 & Lab I	____	____	____
ELET	1401	Circuit Theory & Lab II	____	____	____
ELET	2301	Poly-Phase Ckts & Transformers	____	____	____
ELET	2101	Poly-Phase Circuits Lab	____	____	____
ELET	2303	Digital Systems	____	____	____
ELET	2103	Digital Systems Lab	____	____	____
ELET	2305	Semiconductor Devices & Ckts	____	____	____
ELET	2105	Semiconductor Devices Lab	____	____	____
ELET	3301	Linear Systems Analysis	____	____	____
ELET	3405	Microprocessor Architecture	____	____	____
ELET	3307	Electrical Machines	____	____	____
ELET	3107	Electrical Machines Lab	____	____	____
ELET	3312	PLCs & Motor Control Sys.	____	____	____
ELET	3112	PLCs & Motor Cont. Lab	____	____	____
ELET	4303	Power Distribution & Trans.	____	____	____
ELET	4305	Elec Pow Sys Design & PMP	____	____	____
ELET	4317	Elec Sys Protection & Safety	____	____	____
ELET	4319	Elec Pwr Sys & Industry Prac	____	____	____
ELET	4326	Power Converter Circuits	____	____	____
ELET	4126	Power Converter Circuits Lab	____	____	____
Approved Electives (6 SH)					
ELET	4304	Control Systems	____	____	____
ELET	4310	Alt. Electrical Energy Sources	____	____	____
ELET	4311	Comm. & Security Issues	____	____	____
ELET	_3__	Approved ELET Elective**	____	____	____

** Elective courses not listed by number must be approved by an EPET faculty member.

© No grade lower than C- will be accepted for these courses.

Free Elective (6 SH)

_____	____	____	____
_____	____	____	____

Total hours required: 124 semester hours

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

_____
Student Date

_____
Advisor Date

_____
Department Chair Date

Fall 2017