

Bachelor of Science Electrical Engineering 2016-2017 Catalog

SEMESTER		Fall
Course No.		Hours
Historical Foundation		3
*MAC 2311C	Calculus I	4
SPC 1608	Technical Presentations	3
EGS 1006C	Intro to Eng Profession	1
*CHS 1440	Principles of Chemistry	4

SEMESTER		Spring
Course No.		Hours
ENC 1101	Composition I	3
EGN 1007C	Eng Concepts & Method	1
*MAC 2312	Calculus II	4
*PHY 2048C	Physics I	4
ECO 2013	Macroeconomics	3

SEMESTER		Summer
Course No.		Hours

SEMESTER		Fall
Course No.		Hours
*MAC 2313	Calculus III	4
*PHY 2049C	Physics II	4
ENC 1102	Composition II	3
*EGN 3310	Engr Anal - Statics	3

SEMESTER		Spring
Course No.		Hours
*MAP 2302	Differential Equations	3
*EEL 3004	Electrical Networks	3
*EEE 3342C	Digital Systems	3
PHY 3101	Physics for Eng III	3
Cultural Foundation		3

SEMESTER		Summer
Course No.		Hours
*EEL 3123C	Networks & Systems	4
*EGN 3211	Eng. Analysis & Comp.	3
Social Foundation		3

SEMESTER		Fall
Course No.		Hours
*EEL 3801C	Comp. Organization	3
EEL 3552C	Analog & Dig Comm	4
EEE 3350	Semiconductor Devics I	3
Science Foundation		3

SEMESTER		Spring
Course No.		Hours
EEE 3307C	Electronics I	4
EEL 3657	Linear Cont Sys	3
EEL 4742C	Embedded Systems	4
STA 3032	Prob and Stats for Engr	3
EGN 3321	Engr Anal - Dynamics OR	
EGN 3358	Ther Flds Ht Transfer	3

SEMESTER		Summer
Course No.		Hours
Internship or Co-operative Eduation		
is encouraged		

SEMESTER		Fall
Course No.		Hours
EEL 4750	Dig Signal Proc Fund	3
EEL 3470	Electromagnetic Flds	3
EEL 4914	Senior Design I	3
Approved technical elective		4
Historical Foundation		3

SEMESTER		Spring
Course No.		Hours
EEE 4309C	Electronics II	4
EEL 4915L	Senior Design II	3
Approved technical elective		3
Approved technical elective		3

SEMESTER		Summer
Course No.		Hours

* Requires a Grade of C or Better