

Effective: Fall 2014

Name: SID:

FIRST YEAR (36)

MATH 200	3 cr.
Calculus I	

MATH 211	3 cr.
Linear Algebra	

MECH 221	3 cr.
Eng. Dynamics	

MECH 211	1 cr.
Eng Drawing I	

ELEN 201	1 cr.
Instrumentation Lab.	

ENGL102	
ENGL 203	3 cr.
Engl. Com. Skills III	

CSIS 206	3 cr.
Progr. For Engineers	

FALL (17)

MATH200	
MATH 202	3 cr.
Calculus II	

MATH200	
MATH 270	3 cr.
Diff. Equations	

MATH211	
CSIS200	
ELEN201	
CPEN 211	3 cr.
Intro. Dig. Logic Des.	

MATH200	
MATH211	
ELEN201	
ELEN 221	3 cr.
Circuits Analysis I	

ELEN201	
ELEN 202	1 cr.
Electr. Sim. & Design	

ENGL203	
ENGL	3 cr.
English Elective	

MECH 232	3 cr.
Thermodynamics	

SPRING (19)

SECOND YEAR (37)

MATH200	
MATH211	
CSIS201	
MATH 230	3 cr.
Numerical Analysis	

ELEN202	
ELEN221	
CPEN211	
CPEN 212	3 cr.
Logic Circuits	

MECH211	
ELEN202	
CPEN 202	1 cr.
Logic Circuits Lab	

MATH270	
ELEN202	
ELEN221	
CPEN211	
ELEN 231	3 cr.
Electronics I	

MECH221	
ELEN202	
ELEN221	
MATH202	
ELEN 222	3 cr.
Sig. & Syst. Theory	

CPEN 220	3 cr.
Progr. for Engineering Solutions	

ELEN202	
ELEN221	
MATH270	
ELEN 223	3 cr.
Elec. & Electromag.	

FALL (19)

MATH200	
MATH 246	3 cr.
Probability for Eng.	

ELEN231	
CPEN202	
CPEN212	
CPEN 213	3 cr.
Microprocessors	

ENGL203	
CVSQ 201	3 cr.
Early Form. of Civ.	

ELEN202	
ELEN221	
ELEN 303	1 cr.
Circuits Analysis Lab	

ELEN231	
ELEN 304	1 cr.
Electronics Lab	

ELEN222	
ELEN 324	3 cr.
Circ. Analysis II	

ELEN231	
ELEN 332	3 cr.
Electronics II	

SPRING (18)

	3 cr.
Option Elective I	

CVSQ201	
CVSQ 202	3 cr.
Religion Experience	

ELEN332	
ELEN324	
ELEN223	
ELEN 361	3 cr.
Electric Machines	

CPEN213	
CPEN 305	1 cr.
Microcontrollers Lab	

MATH246	
ELEN304	
ELEN303	
ELEN 341	3 cr.
Telecommunications	

MATH230	
ELEN231	
ELEN222	
ELEN 350	3 cr.
Control Systems	

ELEN304	
ELEN303	
ELEN 307	1 cr.
Control Lab	

FALL (18)

	3 cr.
Option Elective I	

CVSQ202	
CVSQ 203	3 cr.
Intro. to Modernity	

ELEN341	
ELEN 306	1 cr.
Telecom. Lab	

ELEN361	
ELEN 308	1 cr.
Elec. Machines Lab	

ELEN332	
ELEN324	
ELEN 325	3 cr.
Elec. Installations	

ELEN222	
ELEN 326	3 cr.
Signal Processing	

CPEN305	
ELEN332	
ELEN324	
ELEN 362	3 cr.
Power Electronics	

SPRING (18)

FOURTH/FIFTH YEARS (37)

ELEN 40	3 cr.
Core1	

ELEN 40	3 cr.
Core 2	

	3 cr.
Directed Elective 1	

	3 cr.
Directed Elective 2	

GENG 480	2 cr.
Field Training	

GENG 400	1 cr.
Engineering Seminars	

GENG 490	3 cr.
Graduation Project (+ Reactivation)	

FALL/SPRING/SUMMER/FALL

	3 cr.
Track Elective 1	

	3 cr.
Track Elective 2	

	3 cr.
Track Elective 3	

	3 cr.
Track Elective 4	

	3 cr.
Track Elective 5	

	1 cr.
Lab Elective	

	3 cr.
General Elective	