

Republic of the Philippines
University of Southeastern Philippines
College of Engineering

Bachelor of Science in Electrical Engineering
 COURSE OFFERING FIRST SEMESTER SY 2020-2021

Section: EE 1-1

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. BES 101	Engineering Drawing	-	1.0	MW 04:00 PM - 05:30 PM (DRW)
2. GE 111	Purposive Communication	3.0	-	TTh 01:00 PM - 02:30 PM
3. GE 112	Mathematics in the Modern World	3.0	-	MW 10:00 AM - 11:30 AM
4. GE 215	The Life and Works of Rizal	3.0	-	TTh 04:00 PM - 05:30 PM
5. GE 216	Readings in Philippine History	3.0	-	MW 02:30 PM - 04:00 PM
6. MATH 111	Engineering Calculus 1	3.0	-	MW 11:30 AM - 01:00 PM (304)
7. NAT SCI 1/L	Chemistry for Engineers	3.0	1.0	Th 08:30 AM - 11:30 AM (508)T 08:30 AM - 11:30 AM (507)
8. NSTP 111	National Service Training Program 1	3.0	-	Su 08:00 AM - 11:00 AM (Field)
9. PE 111	Movement Enhancement	2.0	-	M 08:00 AM - 10:00 AM (FIELD)
		23.0	2.0	

Section: EE 2-1

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. AEE 213	Basic Thermodynamics	2.0	-	F 08:00 AM - 10:00 AM (307)
2. BES 104	Engineering Mechanics	3.0	-	MW 11:30 AM - 01:00 PM (408)
3. BES 106	Engineering Economics	3.0	-	TTh 05:30 PM - 07:00 PM (304)
4. BES 108	Fluid Mechanics	3.0	-	MW 04:00 PM - 05:30 PM (307)
5. BES 112	Environmental Science and Engineering	3.0	-	MW 05:30 PM - 07:00 PM (304)
6. BES 113	Basic Occupational Health & Safety	3.0	-	MW 10:00 AM - 11:30 AM (305)
7. EE 211	Electrical Circuits 1	3.0	-	MW 08:30 AM - 10:00 AM (304)
8. EE 211L	Electrical Circuits 1L	-	1.0	TTh 10:00 AM - 11:30 AM (EE-L)
9. GE 217	Science, Technology and Society	3.0	-	TTh 04:00 PM - 05:30 PM

10.	MATH 211	Differential Equations	3.0	-	TTh 08:30 AM - 10:00 AM (407)
11.	PE 213	Physical Activities Towards Health & Fitness 1	2.0	-	F 10:00 AM - 12:00 PM (FIELD)
			28.0	1.0	

Section: EE 2-2

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	AEE 213	Basic Thermodynamics	2.0	-	F 10:00 AM - 12:00 PM (307)
2.	BES 104	Engineering Mechanics	3.0	-	MW 04:00 PM - 05:30 PM (408)
3.	BES 106	Engineering Economics	3.0	-	MW 05:30 PM - 07:00 PM (305)
4.	BES 108	Fluid Mechanics	3.0	-	
5.	BES 112	Environmental Science and Engineering	3.0	-	TTh 05:30 PM - 07:00 PM (305)
6.	BES 113	Basic Occupational Health & Safety	3.0	-	TTh 10:00 AM - 11:30 AM (408)
7.	EE 211	Electrical Circuits 1	3.0	-	TTh 02:30 PM - 04:00 PM (405)
8.	EE 211L	Electrical Circuits 1L	-	1.0	TTh 04:00 PM - 05:30 PM (406)
9.	GE 217	Science, Technology and Society	3.0	-	TTh 07:00 AM - 08:30 AM
10.	MATH 121	Engineering Calculus 2	3.0	-	TTh 11:30 AM - 01:00 PM (408)
11.	MATH 211	Differential Equations	3.0	-	MW 08:30 AM - 10:00 AM (407)
12.	MATH 212	Engineering Data Analysis	3.0	-	MW 02:30 PM - 04:00 PM (305)
13.	NAT SCI 2/L	Physics for Engineers (Lec. & Lab.)	3.0	1.0	TTh 01:00 PM - 02:30 PM (504)MW 01:00 PM - 02:30 PM (507)
14.	PE 213	Physical Activities Towards Health & Fitness 1	2.0	-	F 01:00 PM - 03:00 PM (FIELD)
			37.0	2.0	

Section: EE 3-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	AEE 311	Industrial Electronics	3.0	-	MW 08:30 AM - 10:00 AM (EE-L)
2.	AEE 311L	Industrial Electronics Lab	-	1.0	MW 04:00 PM - 05:30 PM (EE-L)
3.	BES 114	Material Science and Engineering	3.0	-	TTh 01:00 PM - 02:30 PM (305)
4.	ECE 222	Principles of Communication Systems	3.0	-	TTh 10:00 AM - 11:30 AM (405)
5.	ECE 314	Logic Circuits Design & Switching Theory	2.0	-	TTh 05:30 PM - 06:30 PM (407)
6.	ECE 314L	Logic Circuits Design & Switching Theory Lab	-	1.0	MW 10:00 AM - 11:30 AM (EE-L)
7.	EE 311	Electrical Machines 1	3.0	-	MW 11:30 AM - 01:00 PM (EE-L)
8.	EE 311L	Electrical Machines 1 Lab	-	1.0	MW 01:00 PM - 02:30 PM (EE-L)
9.	EE 312	EE Laws, Codes, and Professional Ethics	2.0	-	MW 05:30 PM - 06:30 PM (308)
10.	EE 313	Feedback Control Systems	3.0	-	TTh 07:00 AM - 08:30 AM (308)
11.	EGE 312	General Education Elective 2	3.0	-	TTh 02:30 PM - 04:00 PM

12.	EGE 313	General Education Elective 3	3.0	-	TTh 08:30 AM - 10:00 AM
13.	GE 319	Contemporary World	3.0	-	MW 02:30 PM - 04:00 PM
			28.0	3.0	

Section: EE 3-OLD

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	EE 42	Electromagnetics	3.0	-	TTh 10:00 AM - 11:30 AM (304)
2.	ES 102B	Statics of Rigid Bodies	3.0	-	MW 07:00 PM - 08:30 PM (305)
3.	ES 103	Dynamics of Rigid Bodies	3.0	-	TTh 08:30 AM - 10:00 AM (408)
4.	ES 106	Engineering Economy	3.0	-	MW 05:30 PM - 07:00 PM
5.	ES 107	Mechanics of Deformable Bodies	5.0	-	TTh 05:30 PM - 08:00 PM (408)
6.	ES 111	Thermodynamics 1	3.0	-	MW 02:30 PM - 04:00 PM (407)
7.	MATH 127	Advanced Engineering Mathematics	3.0	-	TTh 02:30 PM - 04:00 PM (304)
			23.0	-	

Section: EE 4-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	CS 301	Advanced Computer & Programming 2	2.0	-	F 03:00 PM - 05:00 PM (CAD-R)
2.	CS 301L	Advanced Computer & Prog'g.2 (Lab)	-	1.0	F 05:00 PM - 08:00 PM (CAD-R)
3.	ECE 311	Electronic Devices & Circuits	3.0	-	MW 08:30 AM - 10:00 AM (307)
4.	ECE 311L	Electronic Devices & Circuits, Lab.	-	1.0	MW 02:30 PM - 04:00 PM (406)
5.	EE 414	Energy Conversion 1	3.0	-	TTh 02:30 PM - 04:00 PM (305)
6.	EE 414L	Energy Conversion 1, Lab.	-	1.0	TTh 04:00 PM - 05:30 PM (EE-L)
7.	ES 413	Fluid Mechanics	3.0	-	MW 10:00 AM - 11:30 AM (405)
8.	MATH 128	Numerical Methods w/Computer Application	3.0	1.0	TTh 07:00 AM - 08:30 AM (CAD-R)TTh 08:30 AM - 10:00 AM (CAD-R)
			14.0	4.0	

Section: EE 5-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	EE 500	EE Research Project	-	3.0	F 09:30 AM - 05:30 PM (Conf Rm)
2.	EE 511	Power System (Analysis & Design)	3.0	1.0	MW 08:30 AM - 10:00 AM (308)TTh 11:30 AM - 01:00 PM (EE-L)
3.	EE 512a	Electrical Equipment & Devices	2.0	1.0	MW 03:30 PM - 04:30 PM (308)TTh 08:30 AM - 10:00 AM (EE-L)
4.	EE 513	Electrical System Design 1	2.0	1.0	MW 04:30 PM - 05:30 PM (308)TTh 01:00 PM - 02:30 PM (EE-L)
5.	EE 515	Industrial Electronics	2.0	1.0	MW 02:30 PM - 03:30 PM (308)TTh 10:00 AM - 11:30 AM (406)
6.	EE 517	Power System Oper. & Contr. (Elective 2)	3.0	-	MW 11:30 AM - 01:00 PM (308)

7.	EE 524	EE Safety	1.0	-	F 08:30 AM - 09:30 AM (EE-L)
8.	EE 527	Advanced Illumination Design (Elective 4)	3.0	-	MW 10:00 AM - 11:30 AM (308)
			16.0	7.0	

Section: EE 5-G

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	EE 516	Renewable Energy (Elective 1)	3.0	-	TTh 05:30 PM - 07:00 PM (309)
2.	EE 521	EE Laws, Contracts & Ethics	2.0	-	MW 05:30 PM - 06:30 PM
3.	EE 526	Protective Relaying (Elective 3)	3.0	-	MW 01:00 PM - 02:30 PM (308)
4.	IT 101	Information Technology	3.0	-	S 03:00 PM - 06:00 PM (308)
			11.0	-	