

Republic of the Philippines
University of Southeastern Philippines
College of Engineering

Bachelor of Science in Mechanical Engineering

COURSE OFFERING FIRST SEMESTER SY 2020-2021

Section: ME 1-1

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. BES 101	Engineering Drawing	-	1.0	TTh 10:00 AM - 11:30 AM (DRW)
2. GE 111	Purposive Communication	3.0	-	MW 01:00 PM - 02:30 PM (405)
3. GE 112	Mathematics in the Modern World	3.0	-	MW 10:00 AM - 11:30 AM
4. GE 113	Understanding the Self	3.0	-	TTh 01:00 PM - 02:30 PM
5. MATH 111	Engineering Calculus 1	3.0	-	MW 11:30 AM - 01:00 PM (404)
6. ME 111	Orientation to Mechanical Engineering	2.0	-	F 07:30 AM - 08:30 AM (305)
7. NAT SCI 1/L	Chemistry for Engineers	3.0	1.0	T 02:30 PM - 05:30 PM (508)Th 02:30 PM - 04:00 PM (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	-	F 01:00 PM - 03:00 PM (FIELD)
		22.0	2.0	

Section: ME 2-1

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. AME 1	Basic Electrical Engineering	2.0	-	F 01:00 PM - 03:00 PM (306)
2. AME 1L	Basic Electrical Engineering Laboratory	-	1.0	TTh 02:30 PM - 04:00 PM (EE-L)
3. BES 115	Mechanics of Rigid Bodies	5.0	-	MW 07:30 AM - 10:00 AM (305)
4. GE 215	The Life and Works of Rizal	3.0	-	MW 01:00 PM - 02:30 PM
5. GE 216	Readings in Philippine History	3.0	-	MW 10:00 AM - 11:30 AM
6. MATH 211	Differential Equations	3.0	-	TTh 10:00 AM - 11:30 AM (407)
7. MATH 212	Engineering Data Analysis	3.0	-	MW 02:30 PM - 04:00 PM (304)
8. ME 211	Thermodynamics 1	3.0	-	TTh 04:00 PM - 05:30 PM (408)
9. ME 212L	Workshop Theory and Practice	-	1.0	F 10:00 AM - 01:00 PM (CT Lab)
10. PE 213	Physical Activities Towards Health & Fitness 1	2.0	-	M 04:00 PM - 06:00 PM (FIELD)
		24.0	2.0	

Section: ME 2-2

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	AME 1	Basic Electrical Engineering	2.0	-	F 11:00 AM - 01:00 PM (306)
2.	AME 1L	Basic Electrical Engineering Laboratory	-	1.0	TTh 05:30 PM - 07:00 PM (EE-L)
3.	BES 115	Mechanics of Rigid Bodies	5.0	-	MW 12:00 PM - 02:30 PM (504)
4.	GE 215	The Life and Works of Rizal	3.0	-	MW 08:30 AM - 10:00 AM
5.	GE 216	Readings in Philippine History	3.0	-	TTh 01:00 PM - 02:30 PM
6.	MATH 121	Engineering Calculus 2	3.0	-	TTh 11:30 AM - 01:00 PM (307)
7.	MATH 211	Differential Equations	3.0	-	MW 10:00 AM - 11:30 AM (407)
8.	MATH 212	Engineering Data Analysis	3.0	-	TTh 08:30 AM - 10:00 AM (309)
9.	ME 211	Thermodynamics 1	3.0	-	MW 04:00 PM - 05:30 PM (407)
10.	ME 212L	Workshop Theory and Practice	-	1.0	F 01:00 PM - 04:00 PM (CT Lab)
11.	NAT SCI 2/L	Physics for Engineers (Lec. & Lab.)	3.0	1.0	TTh 10:00 AM - 11:30 AM (305)TTh 07:00 AM - 08:30 AM (507)
12.	PE 213	Physical Activities Towards Health & Fitness 1	2.0	-	T 03:00 PM - 05:00 PM (FIELD)
			30.0	3.0	

Section: ME 3-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	AME 2	Basic Electronics Engineering	2.0	-	MW 02:00 PM - 03:00 PM (307)
2.	AME 2L	Basic Electronics Engineering Lab	-	1.0	TTh 11:30 AM - 01:00 PM (406)
3.	BES 106	Engineering Economics	3.0	-	TTh 02:30 PM - 04:00 PM (307)
4.	BES 111	Material Science and Engineering for ME	2.0	-	MW 05:30 PM - 06:30 PM (307)
5.	BES 111L	Material Science and Engineering for ME Laboratory	-	1.0	MW 06:30 PM - 08:00 PM (307)
6.	EGE 311	General Education Elective 1	3.0	-	TTh 08:30 AM - 10:00 AM
7.	ME 311	Fluid Machineries	3.0	-	TTh 10:00 AM - 11:30 AM (306)
8.	ME 312L	Mechanical Engineering Laboratory 1	-	1.0	TTh 04:00 PM - 05:30 PM (307)
9.	ME 313	Refrigeration System	3.0	-	MW 11:30 AM - 01:00 PM (307)
10.	ME 314	Combustion Engineering	2.0	-	MW 03:00 PM - 04:00 PM (307)
11.	ME 316L	Computer Application for ME	-	1.0	MW 04:00 PM - 05:30 PM (CAD-R)
			18.0	4.0	

Section: ME 4-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	ES 104	Basic Electronics Eng'g.	2.0	-	MW 02:00 PM - 03:00 PM
2.	ES 104L	Basic Electronics Engineering, Lab.	-	1.0	TTh 11:30 AM - 01:00 PM
3.	ME 411	Machine Elements 1	2.0	1.0	MW 10:00 AM - 12:30 PM (306)
4.	ME 413	Heat Transfer	2.0	-	F 05:30 PM - 07:30 PM (307)
5.	ME 414	Fluid Machinery	3.0	-	MW 08:30 AM - 10:00 AM (306)
6.	ME 415	Materials of Engineering	3.0	1.0	TTh 05:30 PM - 08:30 PM (307)
7.	ME EL1	Elective 1	3.0	-	TTh 01:00 PM - 02:30 PM (306)
8.	ME TECH 41	ME Lab 1 (RAC/Instrumentation)	1.0	3.0	F 07:30 AM - 05:30 PM (ME-L)
			16.0	6.0	

Section: ME 5-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	MATH 128	Numerical Method & Applications	2.0	1.0	MW 10:00 AM - 11:30 AM (307)
2.	ME 511a	Machine Design 1	3.0	-	TTh 08:30 AM - 10:00 AM (306)
3.	ME 512a	DC & AC Machinery	3.0	1.0	MW 02:30 PM - 05:30 PM (306)
4.	ME 513a	Industrial Processes	2.0	-	MW 01:00 PM - 02:00 PM (307)
5.	ME 514a	Airconditioning & Ventilation Systems	2.0	1.0	TTh 05:30 PM - 08:00 PM (306)
6.	ME 515a	ME Laboratory 3 (Airconditioning)	-	2.0	TTh 01:00 PM - 04:00 PM (ME-L)
7.	ME 516	ME Project	1.0	2.0	F 08:30 AM - 03:30 PM (309)
8.	ME 517	Safety Engineering	2.0	-	S 02:30 PM - 04:30 PM (306)
9.	ME EL3	Elective 3	3.0	-	TTh 11:30 AM - 01:00 PM (306)
			18.0	7.0	

Section: ME 5-G

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	ME 521a	Machine Design 2	3.0	-	MW 08:00 PM - 09:30 PM (306)
2.	ME 523a	Power Plant Engineering	4.0	1.0	MW 05:30 PM - 08:00 PM (306)F 05:30 PM - 07:30 PM (306)
			7.0	1.0	