

Republic of the Philippines
University of Southeastern Philippines
College of Engineering

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

Section: EM 1-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	BES 101	Engineering Drawing and Plans	-	1.0	MW 02:30 PM - 04:00 PM (DRW)
2.	GE 111	Purposive Communication	3.0	-	TTh 10:00 AM - 11:30 AM
3.	GE 112	Mathematics in the Modern World	3.0	-	TTh 07:00 AM - 08:30 AM (304)
4.	GEO 111	Principles of Geology	3.0	-	TTh 08:30 AM - 10:00 AM (510)
5.	MATH 111	Engineering Calculus 1	3.0	-	MW 01:00 PM - 02:30 PM (304)
6.	NAT SCI 1/L	Chemistry for Engineers	3.0	1.0	M 08:30 AM - 11:30 AM (508)W 08:30 AM - 11:30 AM (507)
7.	NSTP 111	National Service Training Program 1	3.0	-	Su 08:00 AM - 11:00 AM (FIELD)
8.	PE 111	Movement Enhancement	2.0	-	Th 01:00 PM - 03:00 PM (FIELD)
			20.0	2.0	

Section: EM 2-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	EGE 311	General Education Elective 1	3.0	-	MW 10:00 AM - 11:30 AM
2.	EM 211	Underground Mining	3.0	-	S 10:00 AM - 01:00 PM (510)
3.	GE 215	The Life and Works of Rizal	3.0	-	TTh 02:30 PM - 04:00 PM
4.	GE 216	Readings in Philippine History	3.0	-	TTh 10:00 AM - 11:30 AM
5.	GEOL 112	Petrology	2.0	1.0	F 08:00 AM - 01:00 PM (510)
6.	GEOL 214	Structural Geology	2.0	2.0	MW 06:00 PM - 08:30 PM (509)
7.	MATH 212	Engineering Data Analysis	3.0	-	MW 04:00 PM - 05:30 PM (509)
8.	Met E 211	Principles of Metallurgy	3.0	-	TTh 08:30 AM - 10:00 AM (509)
9.	PE 213	Physical Activities Towards Health & Fitness 1	2.0	-	M 01:00 PM - 03:00 PM (FIELD)
			24.0	3.0	

Section: EM 2-2

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	EM 121	Principles of Mining	3.0	-	S 01:00 PM - 04:00 PM (510)
2.	GEOL 112	Petrology	2.0	1.0	F 01:00 PM - 06:00 PM (510)
3.	MATH 121	Engineering Calculus 2	3.0	-	TTh 01:00 PM - 02:30 PM (408)
4.	MATH 211	Differential Equations	3.0	-	TTh 04:00 PM - 05:30 PM (306)
5.	NAT SCI 2/L	Physics for Engineers (Lec. & Lab.)	3.0	1.0	MW 11:30 AM - 01:00 PM (508)TTh 05:30 PM - 07:00 PM (507)
			14.0	2.0	

Section: EM 3-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	BES 104	Engineering Mechanics	3.0	-	TTh 05:30 PM - 07:00 PM (409)
2.	BES 108	Fluid Mechanics	3.0	-	TTh 01:00 PM - 02:30 PM (509)
3.	BES 112	Environmental Science and Engineering	3.0	-	TTh 11:30 AM - 01:00 PM (509)
4.	EGE 312	General Education Elective 2	3.0	-	TTh 08:30 AM - 10:00 AM
5.	EM 311	Techniques of Mining Analysis	2.0	-	TTh 10:00 AM - 11:00 AM (509)
6.	EM 312	Mining Safety	3.0	-	TTh 04:00 PM - 05:30 PM (504)
7.	GE 319	Contemporary World	3.0	-	MW 01:00 PM - 02:30 PM
8.	GEn 315	Mine Surveying	2.0	1.0	F 08:00 AM - 10:00 AM (509)F 10:00 AM - 01:00 PM (FIELD)
			22.0	1.0	

Section: EM 3-OLD

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	GEOL 311	Structural Geology and Tectonics	3.0	-	TTh 06:00 PM - 07:30 PM (509)
2.	GEOL 311L	Structural Geology & Tectonics (Lab)	-	1.0	TTh 07:30 PM - 09:00 PM (509)
3.	HUM 1	Arts	3.0	-	TTh 08:30 AM - 10:00 AM (504)
4.	PHY SCI 2	General Physics 2	3.0	-	F 11:30 AM - 02:30 PM (407)
5.	PHY SCI 2L	General Physics 2 (Lab)	-	1.0	F 02:30 PM - 05:30 PM (406)
6.	SOC SCI 2	Philippine History & Culture	3.0	-	TTh 07:00 AM - 08:30 AM (306)
			12.0	2.0	

Section: EM 4-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	EM 108	Undergraduate Thesis/Mine Research Studies	3.0	-	TTh 04:00 PM - 05:30 PM (509)
2.	EM 322	Rock Mechanics and Excavation	3.0	-	TTh 02:30 PM - 04:00 PM (510)
3.	ES 103	Dynamics of Rigid Bodies	3.0	-	TTh 08:30 AM - 10:00 AM (308)
4.	GEOL 426	Metalliferous and Non-Metalliferous Deposits	3.0	-	S 10:00 AM - 01:00 PM (509)
5.	GEOL 426L	Metalliferous and Non-metalliferous Deposits Lab	-	2.0	TTh 10:00 AM - 01:00 PM (510)
6.	MATH 116	Probability and Statistics	3.0	-	TTh 07:00 PM - 08:30 PM (504)
7.	SOCSCI 3	Politics & Governance w/ Phil. Constitution	3.0	-	TTh 05:30 PM - 07:00 PM (509)
			18.0	2.0	

Section: EM 5-1

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	ELECTIVE 2B	Mining	3.0	-	MW 10:00 AM - 11:30 AM (510)
2.	EM 511A	Mine Economics	3.0	-	MW 05:30 PM - 07:00 PM (510)
3.	EM 521	Mine Plant Design	3.0	-	F 06:30 PM - 09:30 PM (510)
4.	EM 522	Mine Ventillation	3.0	-	MW 02:30 PM - 04:00 PM (510)
5.	ES 109	Intro. to Environmental Engineering	3.0	-	MW 04:00 PM - 05:30 PM (510)
6.	MET E 421	Mineral Processing	2.0	-	MW 01:30 PM - 02:30 PM (510)
7.	MET E 421L	Mineral Processing (Lab)	-	1.0	TTh 01:00 PM - 02:30 PM (510)
8.	MET E 521	Methods of Metallurgical Analysis	3.0	-	MW 08:30 AM - 10:00 AM (510)
9.	SOC SCI 5b	General Psychology	3.0	-	MW 11:30 AM - 01:00 PM (510)
			23.0	1.0	

Section: EM 5-G

	SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1.	EM 510	Mine Safety	3.0	-	S 01:00 PM - 04:00 PM (509)
2.	EM 512A	Mine Management	3.0	-	T 07:00 PM - 08:30 PM (510)
3.	EM 513	Mine Environmental Management	3.0	-	TTh 04:00 PM - 05:30 PM (510)
4.	EM 524b	Mining and Environmental Laws & Ethics	3.0	-	TTh 05:30 PM - 07:00 PM (510)
5.	ES 514	Engineering Management	3.0	-	MW 07:00 PM - 08:30 PM (309)
			15.0	-	