

No	Information on subject (2019-2020)	
1	Unit name	Principle of Mining Engineering
2	Code	Min-21011
3	Classification	Engineering subject
4	Credit value	2.5
5	Semester/Year offered	1/2
6	Pre-requisite	NA
7	Mode of delivery	Lecture, Tutorial and Assignment
8	Assessment system and breakdown of marks	
	Test	30%
	Mid-term/ final examination	70%
9	Academic staff teaching unit	
10	<p>Course outcome of unit;</p> <p>In this course, students will be able</p> <ol style="list-style-type: none"> a. to define the stage in the life of mine and mine glossary b. to describe the prospecting, exploration and blasting of mineral deposit c. to explain the types of mining methods d. to describe the mine reclamation process 	
11	<p>Synopsis of unit;</p> <p>The course provides a base introduction to the fundamental operations involved in mining engineering. The course contains mining terms, prospecting and exploration, explosive, drilling and blasting principle and technique.</p>	
12	<p>Topic</p> <ol style="list-style-type: none"> 1 Principle of mining engineering 2 Glossary of mining terms 3 Prospecting and exploration 4 Explosive 5 Drilling 6 Blasting 	

	7 Materials handling
13	Main reference; SME Mining Engineering Handbooks, Darling Peter
14	Addition Reading Material;