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	GIS 404: FUNDAMENTALS OF EARTHSCIENCES	
Unit 1	Introduction**:** Formation of the earth, composition of earth crust, mantle and core. Plate tectonics, Major and Minor plates, continental drift and ocean floor spreading.	08 hrs
Unit 2	Mineralogy: Introduction to important Rock forming Minerals.	08 hrs
Unit 3	Outlines of Igneous Rocks: Intrusive and Extrusive igneous rocks, Granite, diorite, gabbro, pegmatite, peridotite, dolerite, basalt, andesite, dacite, obsidian, pumice, rhyolite, scoria and tuff etc.	08 hrs
Unit 4	Outlines of Metamorphic Rocks: Contact and regional matamorphism, Important metamorphic rocks: Gneiss, Schist, Quartzite, Granulites, Marble, Slate, etc.	08 hrs
Unit 5	Outlines of Sedimentary Rocks: Origin of sediments. Breccia, Conglom-erate, Sandstone, Limestone, Shale, Morphology & Origin of Laterites.	08 hrs
Unit 6	Structural Geology: Primary and Secondary Structures. Folds, Faults, Joints & Unconformities.	08 hrs

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