

Faculty of Engineering & Technology**Vibration Principles and Monitoring****Information :****Course Code :** MKT 510**Level :** Undergraduate**Course Hours :** 2.00- Hours**Department :** Specialization of Mechatronics Engineering**Instructor Information :**

Title	Name	Office hours
Professor	Hassan Ahmed Ahmed Mohamed Metered	2
Teaching Assistant	Osama Ahmed Ibrahim Mohamed Montaser	

Description :

Oscillatory motion, Single degree of freedom systems, Free vibration, Forced vibrations, Various applications, Vibration measurement, Using of vibrations in machine maintenance, Two degree of freedom systems, Lagrange's equation, Vibration absorber, Multi degree of freedom systems, Applications.