



## Engineering economics & law

**GNE 502**



**Course Lecturer: Dr. OGEDENGBE T.S**

# Course Content

- Module 1: Introduction to Engineering Economics
- Module 2: Costing of Production Systems
- Module 3: Sources of Finance
- **Module 4: Investment Appraisals.**
- Module 5: Interest Formulas and Problems
- Module 6: Annual Costs, Present Worth and Rate of Return
- Module 7: Valuation of Assets
- Module 8: Financial Management
- Module 9: Financial Statements
- Module 10: Budget Control

# Module 1: Introduction to Engineering Economics

## **Module Learning Outcomes**

**At the end of this module students are expected to be able to;**

- ❖ Have a general understanding of investment appraisals.**
- ❖ Understand the techniques used in investment appraisal.**
- ❖ Explain Payback period, Net present value and Accounting rate of return.**

# INVESTMENT APPRAISAL

- This is the method of assessment of viability/attractiveness of a business plan or investment or projects.
- It is based on findings of several business capital budgeting and financing techniques.