



**EDO UNIVERSITY IYAMHO**  
**Department of Electrical/Electronic Engineering**  
**GEE 213 Energy Efficiency and Waste Management**

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**COURSE CODE GEE 213: Energy Efficiency and Waste Management (2 UNITS)**

Definition, Domestic, Commercial and Industrial energy consumption and management. Green computing, solar lamp, energy saving lamp, and power usage effectiveness. Building performance, energy-efficient landscaping, window insulation film and phase out of incandescent bulbs. Renewable energy for sustainable development with emphasis and practical demonstration on Solar, Wind and Hydro-Electric power generation as it relates to our environment. Waste management, Waste to wealth: Challenges and Prospect. Waste disposal, collection, removal and recycling. Experimental production of biogas within the University community.

