



# **BFF1303: ELECTRICAL / ELECTRONICS ENGINEERING**

## PRELECTURE

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### Introduction



#### Contents:

- Course Synopsis
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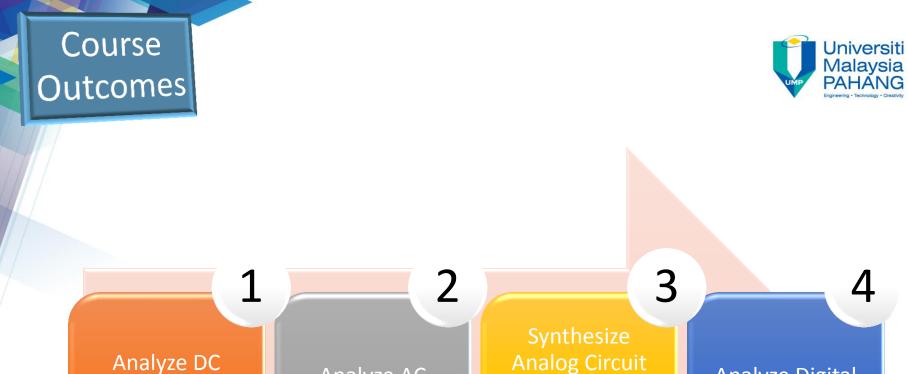






This course introduces DC resistive network analysis, AC network analysis, diodes, bipolar junction transistors (BJT), operational amplifier (op-amp) and digital logic circuits.





Resistive

#### Analyze AC Network

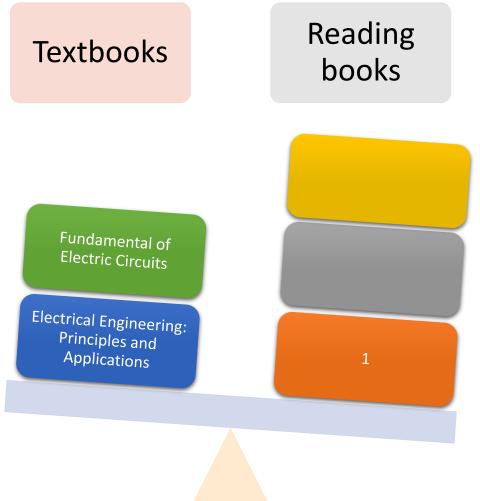
Synthesize Analog Circuit involving Diode, BJT, MOSFET and Op-Amp

#### Analyze Digital Logic Circuits











### Assessment Method

This course measures (and develop) student abilities not only the cognitive domain but also the affective domains.

Assessment Category	%	CO1	CO2	CO3	CO4	Assessed Medium	PACIANCE Engineering - Technology - Oreativity Program Outcomes
Test (1 & 2)	30%	٧	٧	٧	٧	Question & Answer	PO03 Design and develop solution.
Quizzes	10%	٧	٧	٧	٧	Question & Answer	
Assignments	20%	٧	٧	٧	٧	Question & Answer	
Final Examination	20%	V	v	٧	٧	Question & Answer	PO01 Knowledge Application. PO03 Design and develop solution.



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