

RESEARCH GUIDES

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**College of Engineering
and Information
Technology**

Research Guides
AY 2020-2021
1st Sem

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Academic Program	BS Civil Engineering
Subject Code	Subject Title
CVE401	<u>Civil Engineering Orientation</u>
CE512 CE512L	<u>Concrete 1 (Lecture and Laboratory)</u>
CVE410 CVE410L	<u>Fluid Mechanics (Lecture and Laboratory)</u>
CE422 CE422L	<u>Hydraulics (Lecture and Laboratory)</u>
CE514 CE514L	<u>Soil Mechanics 2 (Lecture and Laboratory)</u>
CE511 CE511L	<u>Steel and Timber Design (Lecture and Laboratory)</u>
CVE412 CVE412L	<u>Structural Theory 2 (Lecture and Laboratory)</u>
CE515	<u>Water Resources Engineering</u>
CVE402L	<u>Fundamentals of Surveying with laboratory</u>
CVE408 CVE408L	<u>Building Systems Design with Laboratory</u>
CVE411	<u>Hydrology</u>
CVE403	<u>Static of Rigid Bodies</u>
CVE409	<u>Engineering Utilities 1</u>
Academic Program	BS Electrical Engineering
Subject Code	Subject Title
EEE401	<u>Electrical Circuits 1</u>

	<u>Electrical Circuits 1 and 2 (Lecture and Laboratory)</u>
	<u>Electrical Transmission and Distribution System (Lecture and Laboratory)</u>
EEE402 EEE402L	<u>Electronic Devices and Circuits Lecture and Laboratory</u>
ELE404	<u>Logic Circuits and Switching Theory</u>
ELE 403/L	<u>Electrical Circuit 3 with laboratory</u>
EEE 401/L	<u>Electrical Circuits 1 with laboratory</u>
ELE406/L	<u>Electrical Machines 1 (Lecture and Laboratory)</u>
ELE 408	<u>Fundamentals of Deformable Bodies</u>
ELE405/L	<u>Numerical Methods and Analysis (Lecture and Laboratory)</u>
Academic Program	BS Electronics Engineering
Subject Code	Subject Title
ELE401	<u>Engineering Mathematics</u>
ECE409	<u>Communications 2 - Modulations and Coding Techniques</u>
ECE411	<u>Electronic systems and design</u>
ELE407	<u>Fundamentals of Electronic Communications</u>
ECE403	<u>Laws, Contracts, Ethics, Standards and Safety</u>
ECE412 ECE412L	<u>Signals, Spectra and Signal Processing with Laboratory</u>
ECE 404L	<u>Technical Computing (Lab)</u>
ECE 410/L	<u>Digital Electronics 1 Logic Circuits and Switching Theory with lab</u>
EEE 401/L	<u>Electrical Circuits 1 with laboratory</u>
Academic Program	BS Industrial Engineering
Subject Code	Subject Title
IDE415	<u>Ergonomics 1</u>

IDE401 IDE401L	<u>Industrial Materials and Processes (Lecture and Laboratory)</u>
IDE403	<u>Statistical Analysis for IE 1</u>
IDE410	<u>Fundamentals of Deformable Bodies for IE (LEC & LAB)</u>
IDE409	<u>Elementary Electrical Engineering</u>
IDE411	<u>Human Resource Management for Industrial Engineering</u>
IDE402	<u>Principles of Economics for Industrial Engineering</u>
IDE412	<u>Managerial Accounting for IE</u>
IDE413	<u>Operations Research 1</u>
IDE414 IDE414L	<u>Work Study and Measurement with Laboratory</u>
IDE404	<u>Advanced Engineering Mathematics for IE</u>
Academic Program	BS Information Technology
Subject Code	Subject Title
IIT413	<u>Advanced Database System (with Laboratory)</u>
ITS404	<u>Computer Architecture, Organization and Logic Design</u>
IIT401	<u>Computer Programming 1 (with Laboratory)</u>
DAP404	<u>Image and Video Processing</u>
DGA405	<u>Introduction to Game Design and Development</u>
ITS 401	<u>Networking 1</u>
DGA403	<u>Scriptwriting and Storyboard Design</u>
IIT415	<u>Software Engineering</u>
DAP402	<u>Advanced 3D Animation and Scripting with Laboratory</u>
DAP403	<u>Advanced Sound Production with Lab</u>

