

RESEARCH GUIDES

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**College of Engineering
and Information
Technology**

Research Guides
AY 2020-2021
2nd Sem

Instructions: Use Google Chrome as your default browser and log on using your official Letran E-mail. Click on the subject title to access the Research Guide. Make sure your device is connected to the Internet.

Academic Program	BS Civil Engineering
Subject Code	Subject Title
CVE 404	<u>Construction Materials and Testing with Laboratory</u>
CVE 413	<u>Engineering Utilities 2</u>
CVE 405	<u>Dynamics of Rigid Bodies</u>
CVE 406	<u>Geology for Civil Engineers</u>
CVE 407	<u>Principles of Reinforced, Prestressed Concrete with Laboratory</u>
CVE 414	<u>Highway and Railroad Engineering</u>
CVE 417	<u>Principles of Steel Design with Laboratory</u>
CVE 418	<u>Research Methods for Civil Engineering</u>
CVE 407	<u>Principles of Reinforced - Prestressed Concrete with Laboratory</u>
CVE 415	<u>Hydraulics with Laboratory</u>
Academic Program	BS Electrical Engineering
Subject Code	Subject Title
EEE 403	<u>Electrical Circuits 2 with Laboratory</u>
ELE 409/L	<u>Electrical Machines 2 with Laboratory</u>
ELE 402	<u>Electromagnetics for Electrical Engineering</u>
ELE 401	<u>Engineering Mathematics for EE</u>
ELE 411	<u>EE Laws, Codes and Professional Ethics</u>

ELE 410/L	Electrical Apparatus and Devices with Laboratory
ELE 413	Fluid Mechanics
ELE 412/L	Industrial Electronics with Laboratory
ELE 414	Basic Occupational Safety and Health for Electrical Engineering
ELE 415L	Research Methods for Electrical Engineering
EEE 402/L	Electronic Devices and Circuits with Laboratory
Academic Program	BS Electronics Engineering
Subject Code	Subject Title
ECE401	Material Science and Engineering for ECE
ECE405/L	Advanced Engineering Mathematics for ECE with Laboratory
ECE406/L	Communication 1 Principles of Communication Systems with Laboratory
ECE413/L	Communications 4- Transmission Media and Antenna System and Design with Laboratory
ECE407	Electromagnetics for Electronics Engineering
ECE408/L	Electronics 2 - Electronic Circuits Analysis and Design with Laboratory
ECE413/L	Communications 3- Transmission Media and Antenna System and Design with Laboratory
ECE414/L	Communications 4 - Data Communications with Laboratory
ECE415/L	Digital Electronics 2 - Microprocessor, Microcontroller System and Design with Laboratory
ECE416/L	Feedback and Control Systems with Laboratory
ECE417	Methods of Research
EEE403/L	Electrical Circuits 2 with Laboratory AY20-21
Academic Program	BS Industrial Engineering
Subject Code	Subject Title

IDE408	Statistical Analysis for Industrial Engineering 2
IDE405	Basic Occupational Safety and Health for IE
IDE407	Industrial Organization and Management
IDE406	Financial Accounting
IDE416/L	Marketing Management for IE with Laboratory
IDE417/L	Operations Management with Laboratory
IDE418	Operations Research 2
IDE420/L	Undergraduate Research 1 with Laboratory
IDE419	Quality Management Systems
IDE404	Advanced Engineering Mathematics for Industrial Engineering
IDE415	Ergonomics 1 with Laboratory
Academic Program	BS Information Technology
Subject Code	Subject Title
IIT403	Computer Programming 2 with Laboratory
DGA402	Principles of 2D Animation with Laboratory
IIT405	Introduction to Human Computer Interaction with Laboratory
DGA406	Audio Design and Sound Engineering
DGA407	Computer Graphics Programming with Laboratory
DGA408	Principles of 3D Animation with Laboratory
DAP406	Texture and Mapping with Laboratory
DAP401	Advanced 2D Animation with Laboratory
IIT407	Discrete Mathematics
IIT409	Computer Programming 4- Integrative Programming with Laboratory

