

RESEARCH GUIDES

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**College of Engineering
and Information
Technology**

Research Guides
AY 2021-2022
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 AY 21-22</u>
CVE 405	<u>Dynamics of Rigid Bodies AY 21-22</u>
CVE 406	<u>Geology for Civil Engineers AY 21-22</u>
CVE 413	<u>Engineering Utilities 2 AY 21-22</u>
CVE 407	<u>Mechanics of Deformable Bodies AY 21-22</u>
CVE 414	<u>Highway and Railroad Engineering AY 21-22</u>
CVE 415	<u>Hydraulics with Laboratory AY 21-22</u>
CVE 416	<u>Principles of Reinforced - Prestressed Concrete with Laboratory AY 21-22</u>
CVE 417	<u>Principles of Steel Design with Laboratory AY 21-22</u>
CVE 418L	<u>Research Methods for Civil Engineering AY 21-22</u>
CVE 431	<u>Quantity Surveying with Laboratory AY 21-22</u>
Academic Program	BS Electrical Engineering
Subject Code	Subject Title
EEE 403	<u>Electrical Circuits 2 with Laboratory AY 21-22</u>
EEE 402	<u>Electronic Circuits - Devices and Analysis with Laboratory AY 21-22</u>
ELE 402	<u>Electromagnetics for Electrical Engineering AY 21-22</u>
ELE 409	<u>Electrical Machines 2 with Laboratory AY 21-22</u>
ELE 410	<u>Electrical Apparatus and Devices with Laboratory AY 21-22</u>
ELE 411	<u>EE Laws, Codes, and Professional Ethics AY 21-22</u>

ELE 412	<u>Industrial Electronics with Laboratory AY 21-22</u>
ELE 413	<u>Fluid Mechanics AY 21-22</u>
ELE 414	<u>Basic Occupational Safety and Health for Electrical Engineering AY 21-22</u>
ELE 415L	<u>Research Methods for Electrical Engineering AY 21-22</u>
Academic Program	BS Electronics Engineering
Subject Code	Subject Title
EEE403	<u>Electrical Circuits 2 with Laboratory AY 21-22</u>
ECE401	<u>Materials Science and Engineering for ECE AY 21-22</u>
ECE406	<u>Communications 1 Principles of Communication Systems with Laboratory AY 21-22</u>
ECE405	<u>Advanced Engineering Mathematics for ECE with Laboratory AY 21-22</u>
ECE408	<u>Electronic Circuit Analysis and Design with Laboratory AY 21-22</u>
ECE413	<u>Communications 3-Transmission Media and Antenna System & Design with Laboratory AY 21-22</u>
ECE414	<u>Communications 4 - Data Communications with Laboratory AY 21-22</u>
ECE415	<u>Digital Electronics 2 - Microprocessor, Microcontroller System & Design with Laboratory AY 21-22</u>
ECE416	<u>Feedback and Control Systems with Laboratory AY 21-22</u>
ECE417	<u>Methods of Research AY 21-22</u>
Academic Program	BS Information Technology
Subject Code	Subject Title
IIT403	<u>Computer Programming 2 with Laboratory AY 21-22</u>
IIT407	<u>Discrete Mathematics AY 21-22</u>
IIT405	<u>Introduction to Human Computer Interaction with Laboratory AY 21-22</u>
IIT409	<u>Computer Programming 4 - Interactive Programming with Laboratory AY 21-22</u>
IIT410	<u>Quantitative Method AY 21-22</u>

IIT412	<u>Information Management with Laboratory AY 21-22</u>
IIT411	<u>Systems Analysis and Design AY 21-22</u>
IIT416	<u>Capstone Project 1 AY 21-22</u>
IIT417	<u>Social and Professional Issues AY 21-22</u>
ITS407	<u>Information Assurance and Security 1 with Laboratory AY 21-22</u>
ITS402	<u>Networking 2 with Laboratory AY 21-22</u>
ELEC2	<u>Advanced Java Programming AY 21-22</u>
ELEC3	<u>Advanced Web Technologies with Laboratory AY 21-22</u>
Academic Program	BSIT Digital Arts
Subject Code	Subject Title
DAP401	<u>Advanced 2D Animation with Laboratory AY 21-22</u>
DAP406	<u>Texture and Mapping with Laboratory AY 21-22</u>
DAP407	<u>Compositing and Rendering with Laboratory AY 21-22</u>
DGA402	<u>Principles of 2D Animation with Laboratory AY 21-22</u>
DAP408	<u>Lighting and Effects with Laboratory AY 21-22</u>
DGA406	<u>Audio Design and Sound Engineering with Laboratory AY 21-22</u>
DGA407	<u>Computer Graphics Programming with Laboratory AY 21-22</u>
IIT403	<u>Computer Programming 2 with Laboratory AY 21-22</u>
DGA410	<u>Capstone Project 1 AY 21-22</u>
IIT412	<u>Information Management with Laboratory AY 21-22</u>
IIT404	<u>Data Structures and Algorithm with Laboratory AY 21-22</u>
DGA408	<u>Principles of 3D Animation with Laboratory AY 21-22</u>

DAE402	<u>Advanced Illustration with Laboratory AY 21-22</u>
Academic Program	BS Industrial Engineering
Subject Code	Subject Title
IDE404	<u>Advanced Engineering Mathematics for IE AY 21-22</u>
IDE405	<u>Basic Occupational Safety and Health for IE AY 21-22</u>
IDE406	<u>Financial Accounting AY 21-22</u>
IDE407	<u>Industrial Organization and Management AY 21-22</u>
IDE408	<u>Statistical Analysis for Industrial Engineering 2 AY 21-22</u>
IDE415	<u>Ergonomics 1 with Laboratory AY 21-22</u>
IDE416	<u>Marketing Management for IE with Laboratory AY 21-22</u>
IDE417	<u>Operations Management with Laboratory AY 21-22</u>
IDE419	<u>Quality Management Systems AY 21-22</u>