

RESEARCH GUIDES

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**College of Engineering
and Information
Technology**

Research Guides
AY 2021-2022
1st Sem

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Academic Program	BS Civil Engineering
Subject Code	Subject Title
CVE401	<u>Civil Engineering Orientation AY 21-22</u>
CVE402	<u>Fundamentals of Surveying with Laboratory AY 21-22</u>
CVE403	<u>Statics of Rigid Bodies AY 21-22</u>
CVE 408	<u>Building Systems Design with Laboratory AY 21-22</u>
CVE 409	<u>Engineering Utilities 1 AY 21-22</u>
CVE 410	<u>Fluid Mechanics with Laboratory AY 21-22</u>
CVE 411	<u>Hydrology AY 21-22</u>
CVE 412	<u>Structural Theory with Laboratory AY 21-22</u>
Academic Program	BS Electrical Engineering
Subject Code	Subject Title
EEE401	<u>Electrical Circuits 1 with Laboratory AY 21-22</u>
ELE 403	<u>Electrical Circuits 3 with Laboratory AY 21-22</u>
ELE 404	<u>Logic Circuits and Switching Theory AY 21-22</u>
ELE 405	<u>Numerical Methods and Analysis with Laboratory AY 21-22</u>
ELE 406	<u>Electrical Machines 1 with Laboratory AY 21-22</u>
ELE 407	<u>Fundamentals of Electronic Communications with Laboratory AY 21-22</u>
ELE 408	<u>Fundamentals of Deformable Bodies AY 21-22</u>
Academic Program	BS Electronics Engineering
Subject Code	Subject Title
EEE401	<u>Electrical Circuits 1 with Laboratory AY 21-22</u>

ECE403	<u>ECE Laws Contracts Ethics Standards and Safety AY 21-22</u>
ECE409	<u>Communications 2 Modulation and Coding Techniques with Laboratory AY 21-22</u>
ECE410	<u>Digital Electronics 1 - Logic Circuits and Switching Theory (Lecture and Laboratory) AY 21-22</u>
ECE411	<u>Electronic Circuits 3 - Electronic Systems and Design with Laboratory AY 21-22</u>
ECE420	<u>ECE Elective 1 Broadcasting Production Engineering with Laboratory AY 21-22</u>
Academic Program	BS Industrial Engineering
Subject Code	Subject Title
IDE401	<u>Industrial Materials and Processes with Laboratory AY 21-22</u>
IDE402	<u>Principles of Economics for Industrial Engineering AY 21-22</u>
IDE403	<u>Statistical Analysis for Industrial Engineering 1 AY 21-22</u>
IDE409	<u>Elementary Electrical Engineering AY 21-22</u>
IDE410	<u>Fundamentals of Deformable Bodies for Industrial Engineering with Laboratory AY 21-22</u>
Academic Program	BS Information Technology
Subject Code	Subject Title
IIT401	<u>Computer Programming 1 with Laboratory AY 21-22</u>
IIT406	<u>Computer Programming 3 - Web Development with Laboratory AY 21-22</u>
IIT419	<u>Emerging Technologies with Laboratory AY 21-22</u>
IIT402	<u>Introduction to Computing with Laboratory AY 21-22</u>
IIT413	<u>Advanced Database System with Laboratory AY 21-22</u>
ITS404	<u>Computer Architecture, Organization and Logic Design AY 21-22</u>
IIT414	<u>Computer Programming 5 - Mobile Programming with Laboratory AY 21-22</u>
IIT404	<u>Data Structures and Algorithm with Laboratory AY 21-22</u>
ITS401	<u>Networking 1 with Laboratory AY 21-22</u>

IIT408	<u>Operating System with Laboratory AY 21-22</u>
IIT415	<u>Software Engineering AY 21-22</u>
IIT418	<u>Capstone Project 2 AY 21-22</u>
ITS403	<u>Computer Hardware and Troubleshooting with Laboratory AY 21-22</u>
ITS408	<u>Information Assurance and Security 2 with Laboratory AY 21-22</u>
ITS405	<u>Network Administration with Laboratory AY 21-22</u>
ITS406	<u>System Integration and Architecture with Laboratory AY 21-22</u>
Academic Program	BSIT Digital Arts
Subject Code	Subject Title
DGA401	<u>Freehand and Digital Drawing with Laboratory AY21-22</u>
DAP402	<u>Advanced 3D Animation and Scripting (with Laboratory) AY 21-22</u>
DAP404	<u>Image and Video Processing AY 21-22</u>
DGA405	<u>Introduction to Game Design and Development AY 21-22</u>
DGA404	<u>Usability, HCI, User Interaction Design with Laboratory AY 21-22</u>
DAP403	<u>Advanced Sound Production with Laboratory AY 21-22</u>
DGA409	<u>Design and Production Process with Laboratory AY 21-22</u>
DGA403	<u>Scriptwriting and Storyboard Design with Laboratory AY 21-22</u>
DGA411	<u>Capstone Project 2 AY 21-22</u>
IIT401	<u>Computer Programming 1 with Laboratory AY 21-22</u>
IIT406	<u>Computer Programming 3 - Web Development with Laboratory AY 21-22</u>
IIT419	<u>Emerging Technologies with Laboratory AY 21-22</u>
IIT402	<u>Introduction to Computing with Laboratory AY 21-22</u>
DAP405	<u>Modeling and Rigging with Laboratory AY 21-22</u>

DAP409 [Animation Design and Production AY 21-22](#)

DAEPH [Photography \(elective\) AY 21-22](#)

DAEVE [Visual Effects \(elective\) AY 21-22](#)