List of Subjects Taught

From 2019 to 2025; Arranged alphabetically

Subject	Area of Competency	Program/Strand	Level
2D Animation	OpenToonz	BMMA	College
3D Modeling	Blender	BMMA	College
Advanced Database Systems	SQL Server, MongoDB	BSIT	College
Advanced Mobile Programming	Power Apps	BSCS	College
Advanced Web Design	PHP, MySQL	BMMA	College
Advanced Web Programming	ASP.NET	BSCS	College
Practicum	Job hunting	BSIT, BSCS, BSCPE	College
Computer Network and Security	Parrot OS, Wireshark, Burp Suite, other ethical hacking tools	BSCPE	College
Computer Productivity Tools	Microsoft Office 365	All Non-ICT Programs	College
Computer Programming 1	Java	BSIT	College
Computer Programming 2	HTML, CSS, Javascript	IT-MAWD	Senior High School
Computer Programming 3	C#	BSCS	College
Empowerment Technologies	Canva, Figma, website builders	All SHS Strands	Senior High School
Game Development	Unity	BSIT	College
Information Assurance & Security (Cybersecurity Fundamentals)	Parrot OS, Wireshark, Burp Suite, other ethical hacking tools	BSCS	College
Information Security and Management	High-level overview of cybersecurity	BSAIS	College
Information Systems Analysis and Design	In-depth of the first stages of SDLC	BSAIS	College
Information Systems Operations and Maintenance	In-depth of the final stages of SDLC	BSAIS	College
Interactive Media Design	Figma	BMMA	College
Intermediate Mobile Programming	Xamarin, .NET MAUI	BSCS	College
IT Application Tools in Business	Common IS: TPS, CRM, SCM, etc.	BSAIS	College
Java Micro Edition Programming	Java	BSIT	College
Management Information Systems	Common IS: TPS, CRM, MIS, etc.	BSIT	College
Managing Information and Technology	High-level overview of technological terms and its usage	BSAIS	College
Mobile Applications Development	Android	BSIT, IT-MAWD	College, Senior High School
Programming Languages	Compiler design in Python	BSCS	College
Programming Logic and Design	Java	BSCPE	College
Seminars and Fieldtrips	Educational tour	BSCPE	College
Software Design	SDLC process from start to end	BSCPE	College
Software Engineering	SDLC process from start to end	BSIT	College
Software Engineering 1	In-depth of the first stages of SDLC	BSCS	College
Software Engineering 2	In-depth of the final stages of SDLC	BSCS	College
Theory of Computations with Automata	Computational models and formal language	BSCS	College

Legend:
BMMA = Bachelor of Multimedia Arts
BSIT = Bachelor of Science in Information Technology
BSCS = Bachelor of Science in Computer Science
BSCPE = Bachelor of Science in Computer Engineering
BSAIS = Bachelor of Science in Account and Information Systems
IT-MAWD = Information Technology-Mobile Application and Web Development

Prepared by:
Jeano Ermitaño