Curriculum Content for Software Engineering Professional Program
Released in 2017

Term	Code	Module Name	Credit
Sem 1	IIT	Introduction to Information Technology	3
	IIT/P	Introduction to Information Technology Project	1
	ALP	Algorithm and Programming	2
	ALP/P	Algorithm and Programming Project	1
	RDD	Relational Database Design	2
	IDD	Implementing Database Design on MS SQL Server	3
	IDD/P	Implementing Database Design on MS SQL Server Project	1
	TAD	Tools and Technique for Analyzing Data	3
	TAD/P	Tools and Technique for Analyzing Data Project	1
	OS	Operating System	2
		TOTAL	19
Sem 2	OOP	Object Oriented Programming	3
	OOP/P	Object Oriented Programming Project	1
	JVP	Java Programming	3
	JVP/P	Java Programming Project	1
	IWP	Introduction to Web Programming	3
	IWP/P	Introduction to Web Programming Project	1
	WAP	Web Application	3
	WAP/P	Web Application Project	1
	LCS	Leadership and Communication Skills	2
	ADS	Algorithm and Data Structure	2
		TOTAL	20
Sem 3	JHS	Developing Enterprises Information System using Framework	3
	JHS/P	Developing Enterprises Information System using Framework Project	1
	AST	Automated Software Testing	3
	AST/P	Automated Software Testing Project	1
	MCO	Mobile Computing	3
	MCO/P	Mobile Computing Project	1
	PMD	Project Management using DevOps	2
	PMD/P	Project Management using DevOps Project	1
	CDR	Collaborative Development using Repository System	2
	ISA	Information Systems Architecture and Technology	2
		TOTAL	19
Sem 4	HCI	Human Computer Interaction	3
	HCI/P	Human Computer Interaction Project	1
	WPM	Web Programming for Mobile Devices	3
	WPM/P	Web Programming for Mobile Devices Project	1
	CCO	Cloud Computing	3
	CCO/P	Cloud Computing Project	1
	SCO	Security Concept	2
	SEN/P	Software Engineering Final Project	3
	PRE	Professional Ethics	2
		TOTAL	19
		Total Credit in 2 Years : 77	

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Curriculum Content for Web Development Professional Program
Released in 2017

Term	Code	Module Name	Credit
Sem 1	IIT	Intorduction to Information Technology	3
	IIT/P	Introduction to Information Technology Project	1
	ALP	Algorithm and Programming	2
	ALP/P	Algorithm and Programming Project	1
	RDD	Relational Database Design	2
	IDD	Implementing Database Design on MS SQL Server	3
	IDD/P	Implementing Database Design on MS SQL Server Project	1
	TAD	Tools and Technique for Analyzing Data	3
	TAD/P	Tools and Technique for Analyzing Data Project	1
	OS	Operating System	2
		TOTAL	19
Sem 2	OOP	Object Oriented Programming	3
	OOP/P	Object Oriented Programming Project	1
	JVP	Java Programming	3
	JVP/P	Java Programming Project	1
	IWP	Introduction to Web Programming	3
	IWP/P	Introduction to Web Programming Project	1
	WAP	Web Application	3
	WAP/P	Web Application Project	1
	LCS	Leadership and Communication Skills	2
	ADS	Algorithm and Data Structure	2
		TOTAL	20
Sem 3	WPM	Web Programming for Mobile Devices	3
	WPM/P	Web Programming for Mobile Devices Project	1
	ADB	Advanced Database	3
	CDR	Collaborative Development using Repository System	2
	AMD	Administering Database	2
	AMD/P	Administering Database Project	1
	DIS	Developing Information System	4
	DIS/P	Developing Information System Project	1
	ISA	Information Systems Architecture and Technology	2
		TOTAL	19
Sem 4	RAD	Rapid Application Development using Visual C#	3
	RAD/P	Rapid Application Development using Visual C# Project	1
	AWP	Advanced Web Programming using ASP.NET	3
	AWP/P	Advanced Web Programming using ASP.NET Project	1
	MVC	Developing Enterprises Information System using Framework	3
	MVC/P	Developing Enterprises Information System using Framework Project	1
	PRE	Professional Ethics	2
	SCO	Security Concept	2
	SEN/P	Software Engineering Final Project	3
		TOTAL	19
		Total Credit in 2 Years : 77	

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Curriculum Content for Internet-based System Automation Professional Program
Released in 2019

Term	Code	Module Name	Credit
Sem 1	IIT	Introduction to Information Technology	3
	IIT/P	Introduction to Information Technology Project	1
	ALP	Algorithm and Programming	2
	ALP/P	Algorithm and Programming Project	1
	RDD	Relational Database Design	2
	IDD	Implementing Database Design on MS SQL Server	3
	IDD/P	Implementing Database Design on MS SQL Server Project	1
	TAD	Tools and Technique for Analyzing Data	3
	TAD/P	Tools and Technique for Analyzing Data Project	1
	ISAS OS	Operating System	2
		TOTAL	19
Sem 2	OOP	Object Oriented Programming	2
	BEP	Backend Programming	2
	BEP-OOP/P	Backend Programming & Object Oriented Programming Project	1
	ECS	Electronic Circuit and Sensors	3
	ECS/P	Electronic Circuit and Sensors Project	1
	CNE	Computer Network	2
	ANOS	Administering Network Operating System	3
	CNE/P	Computer Network Design Project	1
	LSC	Linux Server Configuration	3
	LSC/P	Linux Server Configuration Project	1
	LCS	Leadership & Communication Skills	2
	ISAS ADS	Algorithm and Data Structure	1
		TOTAL	22
Sem 3	IoT	Introduction to IoT (Connecting Things) - Cisco	1
	ITC	Internet of Things Circuit (Security) - Cisco	4
	BDA	Big Data and Analytic	4
	ES	Embedded system	4
	IFP	IoT Framework and Platforms	2
	IP	IoT Project I	3
	ISAS ISA	Information Systems Architecture and Technology	1
		TOTAL	19
Sem 4	ISAS ISS	Information System Security ISAS	1
	ISS	Information System Security	3
	JVP	Programming in Java	3
	JVP/P	Programming in Java Project	1
	MAP	Mobile Application on Android Platform	3
	MAP/P	Mobile Application on Android Platform Project	1
	WAP	Web Programming	3
	WAP/P	Web Programming Project	1
	IS/P	Integration System	6
		TOTAL	22
			82
Total Credit in 2 Years : 82			

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Curriculum Content for Information Technology for Economics Professional Program
Released in 2020

Term	Code	Module Name	Credit	
			Theory	Practical
Sem 1	ADS	Algorithm and Data Structure on Sharia Compliance	3	1
	ITF	Introduction to Finance	3	0
	RDBMS	Design and Implementing Relational Database Managemen System	3	1
	OAS	Office Application Software	3	0
	SFA	Statistics for Analytics	3	1
	IFA	Introduction to Financial Accounting*	3	0
		TOTAL	18	3
Sem 2	SCC	Sharia Commerce Concept*	3	0
	IML	Introduction to Machine Learning	3	1
	OOP	Object Oriented Programming	3	1
	SCA	Sharia Compliance Accounting*	3	0
	DAI	Data Analytic Introduction	3	1
	CDW	Information Systems Analysis and Design	3	0
	CDS	Decission Support System	3	0
		TOTAL	21	3
Sem 3	DAP	Data Analytic Programming	3	1
	MAP	Mobile Application on Android Platform	3	1
	AIS/CAS	Accounting Information System*	3	0
	SFF	Sharia Funding and Financing Products*	3	0
	ISS	Information System Security+C12	2	1
	WAP	Web Application	3	1
		TOTAL	17	4
Sem 4	MOA	Marketing and Operations Analytic	2	1
	DEP	Data Exploration Programming	3	1
	PRJ	Data Analytic Final Project	1	3
	EIS	Developing Enterprises Information System using Framework	3	1
	BIN	Business Intelligence	2	1
		TOTAL	11	7

*not mandatory for CCIT-Tazkia Program

Total Credit in 2 Years : 67 Theoretical Credit + 17 Practical Credit

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UNIVERSITAS INDONESIA

CEP-CCIT
FAKULTAS TEKNIK

Curriculum Content for Network Administrator Professional Program
Released in 2015

Term	Code	Module Name	Credit
Sem 1	IIT	Introduction to Information Technology	3
	IIT/P	Introduction to Information Technology Project	1
	ALP	Algorithm and Programming	2
	ALP/P	Algorithm and Programming Project	1
	RDD	Relational Database Design	2
	IDD	Implementing Database Design on MS SQL Server	3
	IDD/P	Implementing Database Design on MS SQL Server Project	1
	TAD	Tools and Technique for Analyzing Data	3
	TAD/P	Tools and Technique for Analyzing Data Project	1
	OS	Operating System	2
		TOTAL	19
Sem 2	SQL	Microsoft SQL Server 2012: Database Administration	3
	SQL/P	Microsoft SQL Server 2012: Database Administration Project	1
	JVP	Java Programming	3
	JVP/P	Java Programming Project	1
	CWS	Installing and Configuring Windows Server	3
	CWS/P	Installing and Configuring Windows Server Project	1
	AWS	Administering Windows Server	3
	AWS/P	Administering Windows Server Project	1
	CAW	Configuring Advanced Windows Services	3
	CAW/P	Configuring Advanced Windows Services Project	1
	ADS	Algorithm and Data Structure	2
		TOTAL	22
Sem 3	CCNA	Information Systems Architecture and Technology	2
	CCNA	Computer Network	4
	CCNA	Implementing, Managing, and Securing Network Infrastructure	4
	CCNA	Information Technology Infrastructure	4
	CCNA	Enterprise Network Planning, Implementing and Monitoring	4
	CCNA	Network Infrastructure Project	3
		TOTAL	21
Sem 4	ANOS	Administering Network Operating System	3
	ANOS/P	Administering Network Operating System Project	1
	ISS	Information System Security	3
	ISS/P	Information System Security Project	1
	LSC	Linux Server Configuration	3
	LSC/P	Linux Server Configuration Project	1
	NMA	Network Monitoring and Analysis	3
	NMA/P	Network Monitoring and Analysis Project	1
		TOTAL	16
		Total Credit in 2 Years: 78	

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Curriculum Content for Creative Multimedia - Animation Program
Released in 2022

SEMESTER 1

NO	CODE	MODULE	TOTAL CREDIT
1	CM6568	Art & Design Fundamental	3
2	CM8079	Photography	3
3	CM8489	Typography	3
4	CM6668	Basic Drawing	3
5	CM8667	Visual Communication	2
6	CM5068	2D Design	3
7	CM6849	Design Presentation	1
TOTAL CREDIT PER SEMESTER			**18**

SEMESTER 2

NO	CODE	MODULE	TOTAL CREDIT
1	AN6573	Animation Industry Introduction	2
2	AN8073	Pipeline Introduction	2
3	AN6868	Digital Drawing	3
4	AN5065	2D Animation	4
5	AN6651	Basic 3D Modeling & Texturing	3
6	AN5176	3D Layout and Animation	3
7	AN6549	Animate Appreciation	1
TOTAL CREDIT PER SEMESTER			**18**

SEMESTER 3

NO	CODE	MODULE	TOTAL CREDIT
1	AN6551	Advance 3D Modeling	3
2	AN7771	Motion Graphic	3
3	AN5182	3D Compositing & Rendering	2
4	AN8283	Rigging & Skinning	3
5	AN8680	Video Production	2
6	AN5165	3D Animating : Acting	3
7	AN6550	Animate Appreciation II	1
TOTAL CREDIT PER SEMESTER			**17**

SEMESTER 4

NO	CODE	MODULE	TOTAL CREDIT
1	AN8077	Production Management	2
2	AN8079	Portfolio Preparation	2
3	AN6766	Creative Business	2
4	AN6780	Capstone Project	6
TOTAL CREDIT PER SEMESTER			**12**

TOTAL CREDIT IN 2 YEARS	**65**

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**Curriculum Content for Creative Multimedia - Multimedia Design Program
Released in 2022**

SEMESTER 1

NO	CODE	MODULE	TOTAL CREDIT
1	CM6568	Art & Design Fundamental	3
2	CM8079	Photography	3
3	CM8489	Typography	3
4	CM6668	Basic Drawing	3
5	CM8667	Visual Communication	2
6	CM5068	2D Design	3
7	CM6849	Design Presentation	1
TOTAL CREDIT PER SEMESTER			18

SEMESTER 2

NO	CODE	MODULE	TOTAL CREDIT
1	MD5065	2D Animation	3
2	MD8680	Video Production	3
3	MD6651	Basic 3D Modeling & Texturing	3
4	MD6586	Audio Visual Production	3
5	MD7365	Information Architecture	2
6	MD8573	UI/UX Design	4
7	MD6850	Design Presentation II	1
TOTAL CREDIT PER SEMESTER			19

SEMESTER 3

NO	CODE	MODULE	TOTAL CREDIT
1	MD6551	Advanced 3D Modeling	3
2	MD8066	Project Brief	3
3	MD8069	Professional Ethics	2
4	MD6868	Digital Drawing	3
5	MD7771	Motion Graphic	3
6	MD8084	Printing Technology	2
7	MD8080	Public Presentation	1
TOTAL CREDIT PER SEMESTER			17

SEMESTER 4

NO	CODE	MODULE	TOTAL CREDIT
1	MD8077	Production Management	2
2	MD8079	Portfolio Preparation	2
3	MD6766	Creative Business	2
4	MD6780	Capstone Project	6
TOTAL CREDIT PER SEMESTER			12

TOTAL CREDIT IN 2 YEARS	66

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