



UNIVERSITAS
INDONESIA

CEP-CCIT

FAKULTAS TEKNIK

FAKULTAS TEKNIK UNIVERSITAS INDONESIA
CONTINUING EDUCATION PROGRAM
CENTER FOR COMPUTING AND INFORMATION TECHNOLOGY

**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	
Total Credit in 2 Years : 82			82