



KURIKULUM ISA

Semester 1		
Code	Modules	Credits
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 Credits	19
Semester 2		
Code	Modules	Credits
OOP	Object Oriented Programming	2
OOP/P	Object Oriented Programming Project	1
BEP	Backend Programming	2
BEP/P	Backend 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
ADS	Algorithm and Data Structure	2
	Total Credits	22
Semester 3		
Code	Modules	Credits
IoT	Introduction to IoT (Connecting Things) - Cisco	1
	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
ISAS2	Information Systems Architecture and Technology*	2
	Total Credits	20
Semester 4		
Code	Modules	Credits
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
ISS	Information System Security	3
ISS/P	Information System Security Project	1
WAP	Web Application	3
WAP/P	Web Application Project	1
DIS	Developing Enterprises Information System using Framework	3
DIS/P	Developing Enterprises Information System using Framework Project	1
IS/P	Integration System	4
	Total Credits	24

*ISAS hanya 1x di tahap 2