POLITEKNIK
NEGERI JEMBER

Computer Engineering Study Program's Curriculum Mapping

2021

POLITEKNIK NEGERI JEMBER

Semester 1

Code	Polije Course	Credit	Code	WXIT Course	Credit
TKK10701	Religion	2			
TKK10702	National Language (Indonesia)	2			
TKK10703	Basic Foreign Language	2			
TKK10704	Digital Literation	2			
TKK10705	Logic and Programming Algorithm	2	ZBB304024	Data Structure	3
TKK10706	System Operation	2	ZCB303501	Linux Operating System and Its Application	3
TKK10707	Workshop Computer Operating System	4	ZCC303507	Network Server Configuration and Management Training	2
TKK10708	Workshop Basic Programming	4	ZCC304006	Java Programming Course Design	1
			ZAA991013	Comprehensive Chinese 1 (Online)	3
			ZAA991014	Chinese Reading and Writing 1 (Online)	2
			ZAA991016	Chinese Culture 1 (Online)	2
Sub Total		20	Sub Total		16

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Semester 2

Code	Polije Course	Credit	Code	WXIT Course	Credit
TKK20701	Pancasila	2			
TKK20702	Kewarganegaraan	2			
TKK20703	Applied Foreign Language	2			
TKK20704	Basic Electronics	2	ZBB306027	Fundamentals of Electrical Technology	3
TKK20705	Computer Network	2	ZBB303504	Fundamentals of Computer Network	3
TKK20706	Workshop Computer Network Infrastructure	4	ZCC303508	Network Engineering Training	1
TKK20707	Workshop Web Programming	2	ZCB304013	Web Design	3
TKK20708	Workshop Applied Electronic	4	ZBC202002	Electrical and Electronic Training	1
			ZAA991013	Comprehensive Chinese 1 (Online)	3
			ZAA991014	Chinese Reading and Writing 1 (Online)	3
			ZAA991021	Chinese Culture 2 (Online)	2
Sub Total		20	Sub Total		19

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Semester 3

Code	Polije Course	Credit	Code	WXIT Course	Credit
TKK30701	Digital Agriculture System (Online)	2			
TKK30702	Database	2	ZBB304027	Principle and Application of Database	3
TKK40702	Interpersonal Skill (Online)	2			
TKK30703	Routing and Switching	2	ZCB303511	Network Exchange and Routing	5
TKK30705	Microcomputer	2	ZCB305022	Embedded System Development	3
TKK30706	Workshop Embedded System	3	ZCC305036	Training for Embedded Development A	2
TKK30707	Workshop Wan Network	4	ZCB303512	Network Equipment Configuration and Debugging	3
TKK30708	Workshop Mobile Application (Online)	3			
			ZAA991015	Chinese Listening and Writing 1	4
			ZAA991017	Standard Course for HSK 3	3
			ZAA991018	Comprehensive Chinese 2	6
			ZAB041045	Chinese Traditional Sports 1	2
Sub Total		20	Sub Total		32

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Semester 4

Code	Polije Course	Credit	Code	WXIT Course	Credit
TKK40701	Scientific Writing	2	ZDB305003	Literature Retrieval and Instruction Manual Writing	1
TKK30704	Computer Network Security	2	ZCB303535	Information Security Technology	3
TKK40703	Cloud Computing	2	ZCB303608	Public Cloud Operation, Maintenance and Application	3
TKK40704	Software Defined Network (Online)	2			
TKK40705	Otomation System	2	ZCC305010	Practical Training of IoT Projects	3
TKK40706	Internet of Things	2	ZAB305032	Industrial IoT Foundation	1
TKK40707	Workshop Cloud Computing	4	ZCC303610	Training of Public Cloud Operation, Maintenance and Application	1
			ZAA991019	Chinese Reading and Writing 2	4
			ZAA991020	Chinese Listening and Writing 2	4
			ZAA991022	Standard Course for HSK 4	6
			ZAB041046	Chinese Traditional Sports 2	2
Sub Total		16	Sub Total		28

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Semester 5

Code	Polije Course	Credit	Code	WXIT Course	Credit
TKK50701	Internship	20	ZCC305012	Internship	10
TKK40708	Workshop Control Computer System	4	ZCC305015	Training of IoT System Integration	2
Sub Total		24	Sub Total		12

Semester 6

Code	Polije Course	Credit	Code	WXIT Course	Credit
TKK60701	Enterpreneurship	2	SAB002001	Career Planning, Enterpreneurship and Employment Guidance	2
TKK60702	Final Project	6	ZCC305011	Training of IoT System Integration	8
Sub Total		8	Sub Total		10

Total Credits	108	Total Credits	117

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