

PROGRAM STRUCTURE

Faculty FTKEE FAKULTI TEKNOLOGI KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK

Course DRE DIPLOMA KEJURUTERAAN ELEKTRIK DAN ELEKTRONIK

Batch Code 02/DRE-04 PROGRAM DRE BATCH 2024/2025 - 24250/DIP

Year	Category	Course	Credit Hours
University : 16 Faculty : 12 Program Core: 56 Elective : 6 Credit Hour : 90			
1	FACULTY	DUF1113 PHYSICS	3
	PROGRAM CORE	DRE1722 ELECTRICAL COMPUTER AIDED DESIGN	2
		DRE1213 COMPUTER PROGRAMMING	3
		DRE1223 DIGITAL ELECTRONICS	3
		DRE1742 ELECTRICAL INSTALLATION	2
		DRE1113 CIRCUIT ANALYSIS 1	3
		DRE1233 ELECTRONIC DEVICES	3
		DRE1123 CIRCUIT ANALYSIS 2	3
		DRE1712 MEASUREMENT TECHNOLOGY	2
	UNIVERSITY	UHC2022 PENGHAYATAN ETIKA DAN PERADABAN	2
		UHC1012 FALSAFAH DAN ISU SEMASA	2
		DUM1113 BASIC MATHEMATICS	3
		ULE2232 ENGLISH FOR PROFESSIONAL COMMUNICATION	2
		DUM1123 CALCULUS	3
		ULE1222 ENGLISH FOR ACADEMIC COMMUNICATION	2
		ULE1212 ESSENTIAL ENGLISH	2
		UHC1032 KURSUS INTEGRITI DAN ANTI-RASUAH (KIAR)	2
		UQA1002 KOKURIKULUM	2
			44
2	ELECTIVE	DRE2**31 ELECTIVE 1	3
		DRE2**32 ELECTIVE 2	3
	FACULTY	DRE2512 OCCUPATIONAL SAFETY AND HEALTH	2
		DRE2112 MAINTENANCE TECHNOLOGY	2
		DRE2814 FINAL YEAR PROJECT	4
	PROGRAM CORE	DRE2214 MICROCONTROLLER PROGRAMMING AND INTERFACING	4
		DRE2313 CONTROL SYSTEMS	3
		DRE2123 ELECTRICAL MACHINES	3
		DRE2113 ELECTRICAL POWER SYSTEMS	3
		DRE2732 PROGRAMMABLE LOGIC CONTROLLER	2
		DRE2712 ELECTRO PNEUMATIC	2
	UNIVERSITY	UGE1002 ENTREPRENEURSHIP	2
		DUM2143 ADVANCED CALCULUS	3
			36
3	FACULTY	DRE3910 INDUSTRIAL TRAINING	10
			10