



Study Plan 2024
Associate Degree in COMPUTER NETWORK TECHNOLOGY Program (CNT)
DEPARTMENT OF (COMPUTER SCIENCE AND ENGINEERING) (CSE)
Yanbu Industrial College

1st Year / 1st Semester								1st Year / 2nd Semester							
Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite	Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite
ENG	101	English Communication	2	0	2	None	ENG 002	GSMA	102	Calculus II	3	0	3	None	GSMA 101
GSMA	101	Calculus I	3	0	3	None	None	ICT	103	Data and File Structures	2	3	3	None	CS 101
GSPH	101	General Physics	3	3	4	None	None	CS	201	Digital Logic	3	3	4	None	CS 101
CS	101	Computer Programming	2	3	3	MATH 101	None	ENG	102	English Composition	2	0	2	None	ENG101
GSPE	101	Physical Education I	0	2	1	None	None	CSE	251	Electric Circuit Analysis	3	3	4	None	GSMA 101, GSPH101
GSIS	101	Islamic Ideology and Thoughts	2	0	2	None	None								
			12	8	15						13	9	16		
2nd Year / 1st Semester								2nd Year / 2nd Semester							
Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite	Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite
GSST	201	Applied Statistics	2	0	2	None	GSMA 101	ENG	201	Technical Report Writing	3	0	3	None	ENG 102
ICT	201	Computer Organization	2	3	3	None	CS 201	ICT	213	Wireless Network Technology	2	3	3	None	ICT 211
ICT	211	Network Technology	2	3	3	None	None	ICT	214	Advanced Network Administration	2	6	4	None	ICT212
ICT	212	Network Administration	2	6	4	ICT 211	None	ICT	215	Enterprise Network and Security	2	3	3	None	ICT211
ICT	222	System Administration	2	3	3	ICT201	None	ICT	216	Computer Troubleshooting and Maintenance	2	3	3	None	ICT201
ICT	102	Object Oriented Programming	2	3	3	None	CS 101	ENGT	201	Industrial Safety	0	2	1	None	ENG 102
								ENGT	202	Industrial Supervision	1	0	1	None	ENG 102
			12	18	18						12	17	18		
Electives \ Cooperative Training								Remarks (if any):							
Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite								
ICT	310	Computer Network Tech Co op Training (14 Weeks)	0	40	3		Student should finish 67 credit hours								



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Royal Commission At Yanbu
كلية ينبع الصناعية
Yanbu Industrial College