

الدراسات الأولية

المناهج الدراسية لقسم هندسة الاتصالات

الصف الأول:

Code	Subject
CE1201	Basics of Electrical Engineering
CE1202	Physical Electronics
CE1103	English Language ^(*)
CE1203	Mathematics
CE1301	Digital Techniques
CE1101	Computer Programming-I
CE1204	Engineering Drawing
CE1302	Principle of Mechanical Engineering
CE1303	Laboratory
CE1102	Humanitarian subject ^(*)

الصف الثاني:

Code	Subject
CE2301	Communication Principles
CE2302	Electronics
CE2303	Computer Programming –II
CE2304	Electromagnetic Fields
CE2305	Signals & Systems
CE2306	Digital Design
CE2201	Engineering Analysis
CE2307	Laboratory
CE2202	Industrial Management
CE2101	Democracy and Freedoms

الصف الثالث:

Code	Subject
CE3301	Microwave Engineering
CE3302	Electronic Communication
CE3303	DigitalCommunication
CE3304	Microprocessor
CE3201	Digital Signal Processing
CE3305	Electronic Instrumentation
CE3306	Control Engineering
CE3307	Laboratory

الصف الرابع:

Code	Subject
CE4301	CommunicationSystems
CE4302	Antennas & Propagation
CE4303	Secure Communication
CE4304	Satellite Communications
CE4305	Optical Communications
CE4306	Data Transmission&ComputerNetwork
CE4201	Engineering Project
CE4307	Laboratory

الدراسات الأولية

المناهج الدراسية لقسم هندسة الإلكترونيك

الصف الأول:

Code	Subject
EE1201	Basics of Electrical Engineering
EE1203	Mathematics
EE1202	Physical Electronics
EE1301	Digital Techniques
EE1101	Computer Science
EE1204	Engineering Drawing
EE1302	Principle of Mechanical Eng.
EE1303	Laboratory
EE1103	English (*)
EE1102	Humanitarian subject(*)

الصف الثاني:

Code	Subject
EE2201	Engineering Analysis
EE2305	Signals & Systems
EE2301	Electronics - I
EE2306	Digital design
EE2302	Machine
EE2304	Electromagnetic Fields
EE2303	Computer Programming
EE2307	Laboratory
EE2101	Humanitarian Democracy- II (*)
EE2202	management(*)MIndustrial

(*) متطلبات جامعة

الصف الثالث:

Code	Subject
EE3301	Electronic – II
EE3201	Digital Signal Processing
EE3302	Control engineering
EE3303	Microprocessor
EE3304A	Digital SystemDesign(*)
EE3304B	Digital System Design(*)
EE3305	Communication
EE3306	Electronic Instrumentation
EE3307	Laboratory

(*) متطلبات جامعة

الصف الرابع:

Code	Subject
EE4301	Industrial Electronic
EE4302	Data Transmission & Computer Network
EE4303	MicroController (*)
EE4309	Microprocessor II (*)
EE4304	Microelectronics
EE4308	Antenna & Propagation (*)
EE4305	Radiation (*)
EE4306	Computer aided design
EE4201	Engineering Project
EE4307	Laboratory

الدراسات الأولية
المنهج الدراسية لقسم هندسة الحاسوب والمعلوماتية

الصف الأول:

<u>code</u>	Subject
CIE1203	Mathematics
CIE1201	Electric Networks
CIE1202	Physical Electronics
CIE1301	Fundamentals of Digital Design
CIE1302	Computer Programming
CIE1101	Information Technology Essentials
CIE1204	Engineering Drawing
CIE1303	Laboratory
CIE1102	National Studies

الصف الثاني:

Code	Subject
CIE2201	Engineering Analysis
CIE2305	Signals and Systems
CIE2301	Micro processor Systems
CIE2302	Data Structures and Algorithms
CIE2303	Digital Design
CIE2304	Communication Principles
CIE2306	Electronic Circuits
CIE2307	Laboratory
CIE2202	Industrial management

الصف الثالث:

Code	Subject
CIE3301	Computer Architecture
CIE3302	Microprocessors and Microcomputers
CIE3303	Operating Systems
CIE3201	Digital Signal Processing
CIE3304	Data communications
CIE3305	Digital Integrated Circuits Design
CIE306	Computer Networks
CIE3307	Laboratory

الصف الرابع:

Code	Subject
CIE4301	Digital Control System
CIE4302	Image Processing
CIE4308	Computer Graphics
CIE4303	Networking and Internet Programming
CIE4304	Real-time Systems
CIE4305	Intelligent system & Software Eng.
CIE4306	Information System
CIE4201	Engineering Project
CIE4307	Laboratory

المناهج الدراسية لقسم هندسة النظم والسيطرة

الصف الأول:

Code	Subject
SCE1201	Mathematics I
SCE1202	Electrical Circuits I
SCE1203	Physical Electronics I
SCE1204	Eng. Drawing
SCE1301	Mechanical Eng.(Statics)
SCE1302	Digital Techniques I
SCE1101	Computer Science
SCE1102	Technical English
Code	Subject
SCE1211	Mathematics II
SCE1212	Electrical Circuits II
SCE1213	Physical Electronics II
SCE1311	Mechanical Eng. (Dynamics)
SCE1312	Digital Techniques II
SCE1111	C++ Programming I
SCE1214	Auto CAD
SCE1112	Human Rights

الصف الثاني:

Code	Subject
SCE2201	Engineering Analysis I
SCE2301	DC Machines
SCE2202	Analog Electronic I
SCE2302	Signals and Systems I
SCE2303	Control I
SCE2203	Digital Design
SCE2304	MATLAB Programming
SCE2101	Democracy
Code	Subject

SCE2211	Engineering Analysis II
SCE2311	AC Machines
SCE2212	Analog Electronic II
SCE2312	Signals and Systems II
SCE2313	Control II
SCE2314	Measurement and Sensors
SCE2315	C++ Programming II
SCE2111	Industrial Management

الصف الثالث:

Code	Subject
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SCE3301	Power Electronics
SCE3302	Digital Control
SCE3303	Microprocessors I
SCE3201	DSP I
SCE3304	Digital Electronics
SCE3305	Thermodynamics
SCE3306	Analog Communication
SCE3307	System modeling
Code	Subject
SCE3311	Programmable Logic Controllers
SCE3312	Control System Design
SCE3313	Microprocessors II
SCE3211	DSP II
SCE3314	Fluid mechanics
SCE3315	Microelectronics
SCE3316	Digital Communication
SCE3317	HDL Programming

الصف الرابع:

Code	Subject
SCE4301	Optimal Control I
SCE4302	Robotics I
SCE4303	Process Control
SCE4304	Electronic Design Automation
SCE4305	Embedded Systems
SCE4306	Project Management
SCE4307	Computer Networks
Code	Subject
SCE4311	Optimal Control II
SCE4312	Robotics II
SCE4313	Computer Control System
SCE4314	Soft Computing
SCE4315	Real-Time Systems
SCE4316	Advanced Control Systems
SCE4317	Project