Ministry of Higher Education and Scientific Research
Scientific supervision and evaluation
Department of Quality Assurance and Academic Accreditation

Form of Academic Program Description for Colleges and Institutes

University: University of Information and Communication Technology

College / Institute: Faculty of Engineering

Department of Communications and Mobile Computing Engineering

File Completion Date: 11 / 9 /2025

Signature:
Head of Department
Lecturer Dr. Yasin N. Jurn
Date:

Signature:
Associate Dean for Academic Affairs Name
Assistant Professor Dr. Ali Najdi Abdullah
Date:

file checked by:

Division of Quality Assurance and University Performance:

Name of the Director of the Division of Quality Assurance and University Performance:

Date:

Signature:

The approval of the Dean

Description of The Academic Program

The description of this academic program provides a summary of the main characteristics of the program and of the expected learning outcomes of the student to demonstrate whether he has made the best use of the opportunities available. It is accompanied by a description of each course within the program

1. Educational Institution	University of Information and Communication Technology
2. Scientific Section / Center	Communication and Mobile Computing
3. Name of academic or vocational program	Bachelor of Engineering
4. Name of Final Certificate	BS in Communication Engineering and Mobile Computing
5. Study system: Year / Courses / Other	Semester-Based Academic System
6. Accredited Accreditation Program	**None**
7. Other External Influences	**Bologna Process**
Date of Description Preparation	**31/07/2025**

8. Vision, message, and goals

- The long-term future of digital communications lies in the use of mobile devices, rather than fixed ones. Over the past few years, developers and consumers have seen an increase in mobile communications with a focus on mobile software and devices and, most importantly, quality of service and performance for cost.
- In this engineering section, we look forward to demonstrating the most important developments in the field of mobile communications and computing within a wider context and keeping abreast of the rapid development of the digital communications industry. Through the program, which is prepared according to strict scientific standards, the students will gain the theoretical and practical competence in mobile technology, so that they can design and develop the operational and practical software and the appropriate devices, in addition to acquiring professional skills in the planning of mobile and wireless systems. The high and long-term employment of their specialized expertise is rare.

Vision:

Our vision is that the Mobile Communications and Computing Engineering Department will be soon of the leading and leading engineering departments locally, regionally and globally by providing a high-quality educational system.

The message:

The graduation of skilled and innovative engineering cadres required in the labour market have self-motivation and ethical professional values that enable them to research and develop and keep up with the technology of the age to serve the community.

Objectives:

The objectives of the department are to focus on three main axes: knowledge, skills and behavior.

1 - Work to have the graduate student skills and knowledge required to design, operate and examine the mobile communication systems and be able to solve emerging problems.

2 - The graduate student can adapt to different working environments and deal with them through communication skills and the ability to work affirmatively in multidisciplinary teams or independently during the implementation of complex tasks.

3 - The student should be able to integrate academic knowledge with field practice to develop the engineering profession within the field of specialization within the framework of social values and professional ethics.

4 - The student should be able to continue to develop his knowledge and skills for life and take advantage of every new in the field of competence.

9. Required Program Outputs and Methods of Teaching, Learning and Evaluation

(A) Knowledge and Understanding

Program Outcomes:

1. Demonstrate the ability to apply knowledge from mathematics, physics, and specialized engineering sciences in mobile communications and computing.
2. Exhibit problem-solving skills through the design and development of appropriate algorithms.
3. Acquire and enhance skills using systematic methods and within relevant engineering contexts.
4. Cultivate lifelong learning abilities for acquiring emerging technologies and advanced skills in engineering.

Teaching and Learning Methods:

- Delivery of both theoretical and practical components of specialized courses.
- Use of visual aids such as whiteboards and data projectors (Data Show) to present course material, alongside active classroom discussions.

9. Required Program Outputs and Methods of Teaching, Learning and Evaluation

- Hands-on practical training through laboratory and field experiments, including data collection, group-based analysis, discussion, and presentation of findings.

Evaluation Methods:

- Homework and classroom assignments.
- Practical reports based on lab and fieldwork.
- Mini-project development and presentations.
- Quizzes, monthly tests, and final examinations.

(B) Specialized Skills

Program Outcomes:

1. Apply core knowledge of mobile communications engineering and computing to develop and implement specialized systems and applications.
2. Analyze problems and accurately define the engineering requirements for suitable solutions.
3. Design, implement, and evaluate mobile communication systems and their supporting hardware/software including Electrical/Electronic modules in communications systems.
4. Assess the impact of communications engineering and computing solutions on individuals, organizations, and society.

Teaching and Learning Methods:

- In-depth instruction in advanced theoretical and practical topics.
- Emphasis on real-world application through labs and collaborative projects.

Evaluation Methods:

- Continuous assessment via assignments, lab reports, and project presentations.
- Structured testing and exams.
- Evaluation of teamwork and problem-solving through group work and practical implementation tasks.

(C) Thinking Skills

Program Outcomes:

1. Select appropriate methods and tools to analyze and implement solutions in the field of mobile communications and computing.
2. Generate and audit innovative ideas for system designs and engineering projects.
3. Propose scientifically sound solutions to diverse engineering challenges.

Teaching and Learning Methods:

- Adoption of international best practices in curriculum development.
- Integration of real-world case studies and problem scenarios to stimulate critical thinking and decision-making.
- Engagement with complex challenges to develop solution-oriented mindsets.

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9. Required Program Outputs and Methods of Teaching, Learning and Evaluation

Evaluation Methods:

- Use of varied exam questions and problem-solving assessments to gauge analytical thinking.
- Preparation of case study reports and critical reviews of global solutions.
- Field visits to professional institutions and centers to connect theoretical knowledge with practical experience.

(D) General and Transferable Skills (Employability and Personal Development)
Learning Outcomes:
Graduates will be able to:

1. Work effectively in multidisciplinary teams, interact with diverse audiences, and manage projects efficiently.
2. Communicate technical and non-technical ideas clearly and professionally in both written and oral formats.
3. Understand and apply professional ethics, safety standards, and regulatory frameworks in engineering contexts.
4. Utilize foreign language and communication skills to support continuous professional development and lifelong learning.

Teaching and Learning Methods:

- Group projects and collaborative lab work
- Ethics and professionalism seminars
- Participation in workshops and technical presentations

Assessment Methods:

- Evaluation of teamwork and project contributions
- Presentations and public speaking performance
- Assessment through senior project and summer internship
- Observation of interdisciplinary communication skills

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10.Program Structure (2025-2026 Academic Year)

The Bachelor of Science in Mobile Communications and Computing Engineering is a four-year undergraduate program structured in accordance with the Bologna Process for the first three academic years (per 2025-2026 Academic year). The program follows a semester-based system, with two semesters per academic year, comprising a total of “180” ECTS and “31” credit units distributed over eight semesters.

Foundation Stage (Years 1 and 2 – Bologna Compliant)

The first and second academic years focus on building a solid theoretical and practical foundation in core scientific and engineering disciplines. Students are introduced to:

- Programming fundamentals and object-oriented programming
- Digital and analog electronics
- Electrical circuits and electronic systems
- Engineering mathematics and applied physics

During this phase, students also begin acquiring the foundational knowledge necessary to specialize in communications engineering and mobile computing, with an emphasis on analytical thinking, problem-solving, and laboratory-based experimentation.

Specialization Stage (Year 3 – Bologna Compliant)

In the third year, students engage with specialized topics in both communications and computing, allowing them to explore:

- Advanced digital and wireless communication systems
- Mobile and computer networks
- Software engineering principles for mobile application development
- Signal processing and network protocols

This stage is designed to deepen domain-specific expertise and promote practical competence through laboratory work, simulations, and project-based learning.

Professional Practice and Capstone Stage (Final Year)

In the fourth year, students undertake advanced coursework in emerging topics within the field, while applying their accumulated knowledge and skills in a capstone group engineering project. This project is intended to address a real-world problem in communication systems or mobile device computing. It involves:

- High-level system design and integration
- Practical implementation and field testing
- Technical documentation and oral defense
- Team collaboration and project management

Capstone experience fosters professional growth, encourages creativity, and builds confidence through the application of advanced engineering tools and methods.

Curriculum Distribution

The curriculum spans nine main specialization areas within the discipline of Mobile Communications and Computing Engineering. These modules are sequentially distributed across eight semesters, ensuring progressive learning and skill acquisition aligned with the student's academic development.

Figure 1 provides visual representations of the curriculum structure, showing the proportional distribution of credit units and specialization areas across the four years of study. Table 1 is populated with proportional distribution of credit units across four years of study. Tables 2 and 3 contain program Curriculum. Table 4 contains the Curriculum Skill Chart for the program.

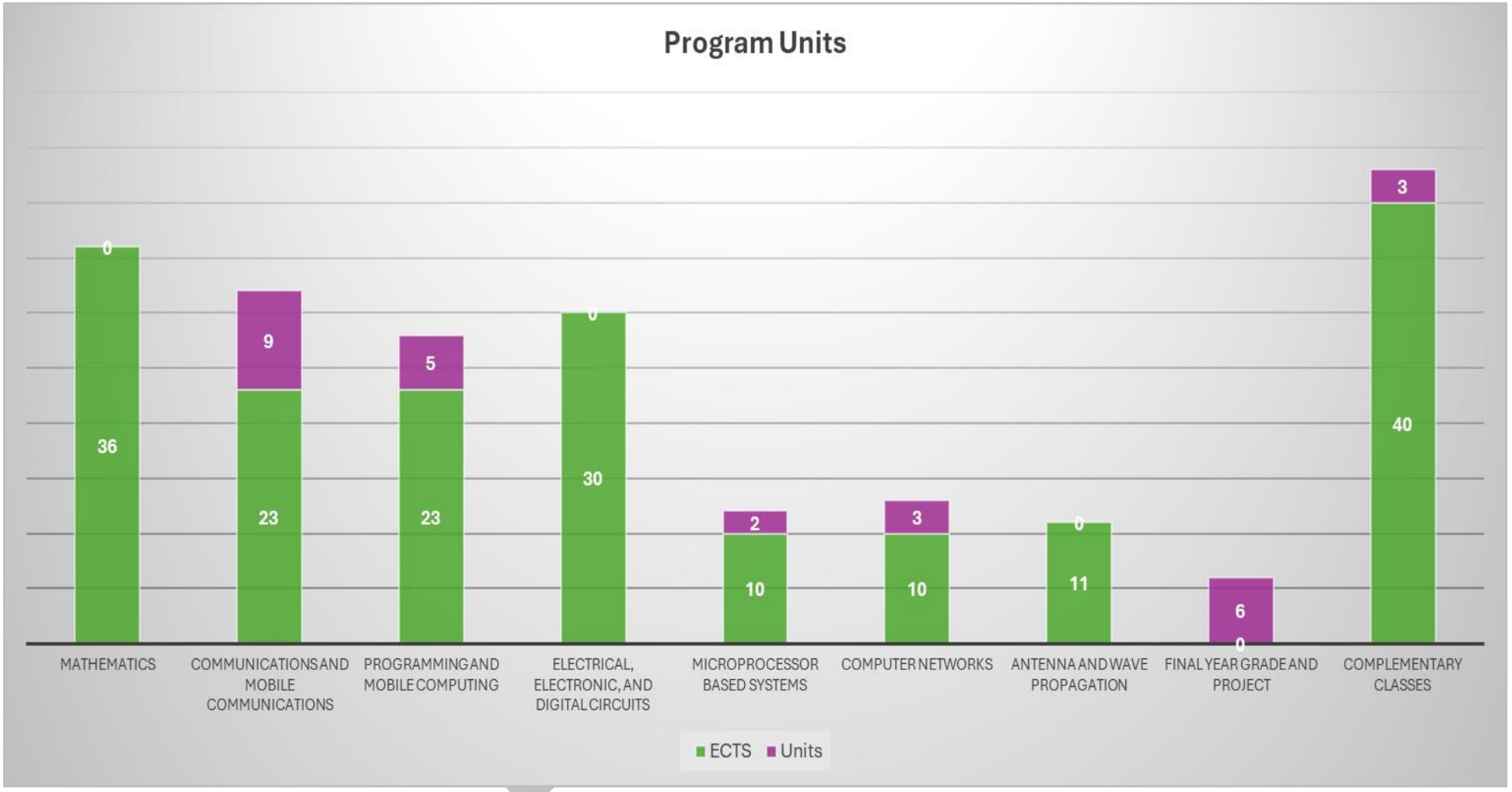

Figure 1 The Proportional Distribution of Credit Units Across Specialization Areas

Table 1 The Proportional Distribution of Credit Units Across Four Years of Study

Level 1 (Bolonga Process)				Level 2 (Bolonga Process)				Level 3 (Bolonga Process)			Year 4 (Non-Bolonga Process Program)		
1st Sem.	1st Sem.	2nd Sem.	2nd Sem.	3rd Sem.	3rd Sem.	4th Sem.	4th Sem.	5th Sem.	6th Sem.	6th Sem.	1st Sem.	2nd Sem.	2nd Sem.
Mathematics													
ITC200011		ITC200012	ITC220020	ITC200061	ITC200080	ITC200062	ITC200100	ITC200110					
Communications and Mobile Communications													
						ITC220070		ITC220110	ITC220150	ITC220140	MCM4102	MCM4202	OFC4204
Programming and Mobile Computing													
ITC000021		ITC200050		ITC220040			ITC000022		ITC220201		MAD4105	SCP4205	
Electrical, Electronic, and Digital Circuits													
ITC200031		ITC200032	ITC200020		ITC200070		ITC200090						
Microprocessor Based Systems													
								ITC220080	ITC220170			IOT4206	
Computer Networks													
				ITC220101					ITC220102		CNA4104		
Antenna and Wave Propagation													
				ITC220050				ITC220090					
Final Year Project													
											GPJ4101	PRJ4201	
Complementary Classes													
ITC000031	ITC200040	ITC000041	ITC000000	ITC000010		ITC000042	ITC000032	ITC200121	ITC200122		PMT4103	PMT4203	
ITC220030	ITC220010							ITC220120					

Table 2 Program Curriculum (Bologna Process/ First through Third Grades)

Level/ Semester	Course Code	Required by	Module Name in English	اسم المادة الدراسية	Module Type	Class Hours	Lab. Hours	ECTS
1/1	ITC000021	University	Computer I	الحاسوب ١	Basic	1	2	3
1/1	ITC000031	University	English Language I	اللغة الإنجليزية ١	Basic	2	----	2
1/1	ITC200031	College	Electrical Circuits I	الدوائر الكهربائية ١	Core	2	3	6
1/1	ITC200040	College	Engineering Drawing	الرسم الهندسي	Supportive	----	3	3
1/1	ITC200011	College	Mathematics I	الرياضيات ١	Basic	3	----	6
1/1	ITC220030	Department	Engineering Ethics	اخلاقيات هندسية	Core	2	2	5
1/1	ITC220010	Department	Electronics Physics	فيزياء الالكترونيك	Basic	3	----	5
1/2	ITC000041	University	Arabic Language I	اللغة العربية ١	Basic	2	----	2
1/2	ITC000000	University	Democracy and Human Rights	الديمقراطية وحقوق الانسان	Basic	2	----	2
1/2	ITC200050	College	Computer Programming	برمجة الحاسوب	Core	2	3	6
1/2	ITC200020	College	Digital Systems Design	تصميم النظم الرقمية	Core	3	2	6
1/2	ITC200032	College	Electrical Circuits II	الدوائر الكهربائية ٢	Core	2	3	6
1/2	ITC200012	College	Mathematics II	الرياضيات ٢	Basic	3	----	5
1/2	ITC220020	Department	Mathematics for Computing	رياضيات الحوسبية	Supportive	2	----	3
2/3	ITC000010	University	AL-Baath Regime Crimes in Iraq	جرائم نظام البعث في العراق	Basic	2	----	2
2/3	ITC200070	College	Electronics	الكترونيك	Core	2	3	6
2/3	ITC200061	College	Engineering Mathematics I	الرياضيات الهندسية ١	Basic	3	----	5
2/3	ITC200080	College	Statistics and Probability	الإحصاء والاحتمالية	Basic	3	----	3
2/3	ITC220040	Department	Web Design	تصميم المواقع	Elective	2	3	5
2/3	ITC220050	Department	Electromagnetic Fields	المجالات الكهرومغناطيسية	Core	2	----	4
2/3	ITC220101	Department	Computer Networks I	شبكات الحاسوب ١	Core	2	2	5
2/4	ITC000042	University	Arabic Language II	اللغة العربية ٢	Basic	2	----	2

Table 2 Program Curriculum (Bologna Process/ First through Third Grades)

Level/ Semester	Course Code	Required by	Module Name in English	اسم المادة الدراسية	Module Type	Class Hours	Lab. Hours	ECTS
2/4	ITC000022	University	Computer II	الحاسوب ٢	Basic	1	2	3
2/4	ITC000032	University	English Language II	اللغة الإنجليزية ٢	Basic	2	----	2
2/4	ITC200062	College	Engineering Mathematics II	الرياضيات الهندسية ٢	Basic	3	----	6
2/4	ITC200100	College	Linear Algebra	الجبر الخطي	Basic	3	----	4
2/4	ITC220070	Department	Communications Fundamentals	أسس الاتصالات	Core	3	2	7
2/4	ITC200090	College	Digital Electronics	الكترونيك رقمي	Core	2	3	6
3/5	ITC200110	College	Numerical Analysis	التحليل العددي	Basic	3	----	4
3/5	ITC200121	College	Space Science I	علم الفضاء ١	Elective	3	----	4
3/5	ITC220090	Department	Antenna and Wave Propagation	الهوائيات وانتشار الموجات	Core	3	2	7
3/5	ITC220080	Department	Microprocessors	المعالجات الدقيقة	Core	2	2	5
3/5	ITC220110	Department	Digital Communications	الاتصالات الرقمية	Core	2	3	6
3/5	ITC220120	Department	Project Management	إدارة المشاريع	Supportive	2	2	4
3/6	ITC200122	College	Space Science II	علم الفضاء ٢	Elective	3	----	4
3/6	ITC220140	Department	Digital Signal Processing	معالجة الإشارة الرقمية	Core	2	----	4
3/6	ITC220201	Department	Mobile Applications Development I	تطوير تطبيقات الهاتف المحمول ١	Core	2	2	6
3/6	ITC220102	Department	Computer Networks II	شبكات الحاسوب ٢	Core	2	2	5
3/6	ITC220150	Department	Information Theory and Coding	نظرية المعلومات والترميز	Core	2	2	6
3/6	ITC220170	Department	Embedded Systems	الانظمة المدمجة	Elective	2	3	5

Table 3 Program Curriculum (Fourth Grade)

Grade/ Semester	Course Code	Required by	Module Name in English	اسم المادة الدراسية	Module Type	Class Hours	Lab. Hours	Units
4/1	PMT4103	Department	Project Management I	إدارة مشروع ١	Core	2	2	3
4/1	MCM4102	Department	Mobile Communications I	اتصالات متنقلة ١	Core	2	2	3
4/1	CNA4104	Department	Computer Networks Administration	إدارة شبكات الحاسوب	Core	2	2	3
4/1	MAD4105	Department	Mobile Applications Development	تطوير تطبيقات الهاتف المحمول ٢	Core	2	2	3
4/1	GPJ4101	College	Graduation Project I	مشروع ١	Core	1	2	3
4/2	IOT4206	Department	Internet of Things	انترنت الأشياء	Elective	2	----	2
4/2	OFC4204	Department	Optical Fiber Communications	اتصالات الألياف البصرية	Core	2	2	3
4/2	PMT4203	Department	Project Management II	إدارة مشروع ٢	Core	2	2	3
4/2	PRJ4201	College	Graduation Project II	مشروع ٢	Core	1	2	3
4/2	MCM4202	Department	Mobile Communications II	اتصالات متنقلة ٢	Core	2	2	3
4/2	SCP4205	Department	Soft Computing	الحوسبة المرنة	Elective	2	----	2

Table 4 Curriculum Skill Chart

Scientific And Transferable Skills Related to Employability and Personal Development				Thinking Skills			Special Skills				Knowledge and understanding				Module Type	Course Name	Course Code	Year/Level
D4	D3	D2	D1	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
	✓			✓	✓	✓		✓		✓	✓			✓	Basic	Computer I	ITC000021	1/1
✓					✓										Basic	English Language I	ITC000031	1/1
		✓	✓	✓		✓			✓		✓	✓		✓	Core	Electrical Circuits I	ITC200031	1/1

Table 4 Curriculum Skill Chart

Scientific And Transferable Skills Related to Employability and Personal Development				Thinking Skills			Special Skills				Knowledge and understanding				Module Type	Course Name	Course Code	Year/Level
D4	D3	D2	D1	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
✓						✓			✓		✓	✓			Supportive	Engineering Drawing	ITC200040	1/1
				✓	✓	✓					✓			✓	Basic	Mathematics I	ITC200011	1/1
	✓						✓								Core	Engineering Ethics	ITC220030	1/1
						✓					✓	✓	✓	✓	Basic	Electronics Physics	ITC220010	1/1
✓					✓										Basic	Arabic Language I	ITC000041	1/2
	✓	✓			✓										Basic	Democracy and Human Rights	ITC000000	1/2
✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	Core	Computer Programming	ITC200050	1/2
	✓	✓	✓	✓		✓			✓		✓	✓		✓	Core	Digital Systems Design	ITC200020	1/2
		✓	✓	✓		✓			✓		✓	✓		✓	Core	Electrical Circuits II	ITC200032	1/2
				✓	✓	✓					✓			✓	Basic	Mathematics II	ITC200012	1/2
				✓	✓	✓		✓		✓				✓	Supportive	Mathematics for Computing	ITC220020	1/2
	✓	✓													Basic	AL-Baath Regime Crimes in Iraq	ITC000010	2/3
	✓	✓	✓	✓		✓			✓		✓	✓		✓	Core	Electronics	ITC200070	2/3
		✓		✓	✓	✓					✓			✓	Basic	Engineering	ITC200061	2/3

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Table 4 Curriculum Skill Chart

Scientific And Transferable Skills Related to Employability and Personal Development				Thinking Skills			Special Skills				Knowledge and understanding				Module Type	Course Name	Course Code	Year/Level
D4	D3	D2	D1	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
																Mathematics I		
		✓		✓	✓	✓				✓				✓	Basic	Statistics and Probability	ITC200080	2/3
✓		✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	Elective	Web Design	ITC220040	2/3
					✓	✓				✓				✓	Core	Electromagnetic Fields	ITC220050	2/3
✓		✓	✓	✓	✓	✓			✓		✓	✓	✓	✓	Core	Computer Networks I	ITC220101	2/3
✓					✓										Basic	Arabic Language II	ITC000042	2/4
	✓			✓	✓	✓		✓		✓	✓			✓	Basic	Computer II	ITC000022	2/4
															Basic	English Language II	ITC000032	2/4
		✓		✓	✓	✓					✓			✓	Basic	Engineering Mathematics II	ITC200062	2/4
				✓	✓	✓					✓			✓	Basic	Linear Algebra	ITC200100	2/4
	✓	✓	✓	✓		✓			✓		✓	✓		✓	Core	Communications Fundamentals	ITC220070	2/4
	✓	✓	✓	✓		✓			✓		✓	✓		✓	Core	Digital Electronics	ITC200090	2/4
				✓	✓	✓					✓			✓	Basic	Numerical Analysis	ITC200110	3/5
✓	✓	✓	✓	✓	✓				✓			✓		✓	Elective	Space Science I	ITC200121	3/5
	✓				✓	✓		✓			✓			✓	Core	Antenna and Wave	ITC220090	3/5

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Table 4 Curriculum Skill Chart

Scientific And Transferable Skills Related to Employability and Personal Development				Thinking Skills			Special Skills				Knowledge and understanding				Module Type	Course Name	Course Code	Year/Level
D4	D3	D2	D1	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
																Propagation		
✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓		✓	Core	Microprocessors	ITC220080	3/5
		✓			✓	✓					✓			✓	Core	Digital Communications	ITC220110	3/5
✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Supportive	Project Management	ITC220120	3/5
✓	✓	✓	✓	✓	✓				✓			✓		✓	Elective	Space Science II	ITC200122	3/6
✓	✓	✓			✓	✓					✓			✓	Core	Digital Signal Processing	ITC220140	3/6
✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Core	Mobile Applications Development I	ITC220201	3/6
✓		✓	✓	✓	✓	✓			✓		✓	✓	✓	✓	Core	Computer Networks II	ITC220102	3/6
	✓	✓	✓		✓	✓		✓			✓		✓	✓	Core	Information Theory and Coding	ITC220150	3/6
		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	Elective	Embedded Systems	ITC220170	3/6
✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Core	Project Management I	PMT4103	4/1
	✓		✓		✓	✓	✓	✓	✓	✓	✓			✓	Core	Mobile Communications I	MCM4102	4/1
	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	Core	Computer Networks	CNA4104	4/1

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Table 4 Curriculum Skill Chart

Scientific And Transferable Skills Related to Employability and Personal Development				Thinking Skills			Special Skills				Knowledge and understanding				Module Type	Course Name	Course Code	Year/Level
D4	D3	D2	D1	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
																Administration		
✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Core	Mobile Applications Development	MAD4105	4/1
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Core	Graduation Project I	GPJ4101	4/1
	✓				✓	✓				✓	✓		✓	✓	Elective	Internet of Things	IOT4206	4/2
✓					✓	✓				✓	✓		✓	✓	Core	Optical Fiber Communications	OFC4204	4/2
✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Core	Project Management II	PMT4203	4/2
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Core	Graduation Project II	PRJ4201	4/2
	✓		✓		✓	✓	✓	✓	✓	✓	✓			✓	Core	Mobile Communications II	MCM4202	4/2
✓		✓		✓	✓	✓		✓		✓	✓		✓	✓	Elective	Soft Computing	SCP4205	4/2

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11. Faculty

Faculty Members

Specialization in Ph.D.	Specialization in Higher Diploma/Master's	Highest Degree Obtained	General Specialization	Academic Title	Name(In Alphabetic Order)	الاسم باللغة العربية
Structural engineering	Structural engineering	PhD	Civil Engineering	Lecturer	Abdullah Sinan Ahmed	عبدالله سنان احمد
Computer Networks and Cloud Computing	Computer Science	PhD	Computer Science	Lecturer	Ali Hussein Ali	علي حسين علي
	Mechanical Engineering / Artificial Intelligence	MSc	Mechanical Engineering	Assistant Lecturer	Ali Mohammed Elaibi	علي محمد العيبي
Data mining	information technology	PhD	Computer Science	Lecturer	Ansam Ali Abdulhussein	انسام علي عبدالحسين
	Communications Engineering	MSc	Electronics and Communications Engineering	Assistant Lecturer	Aya Hasan Abdulqader	آية حسن عبدالقادر
	Finance and Banking Sciences	MSc	Economy	Assistant Lecturer	Farah Ali Tawfeeq	فرح علي توفيق
	electronic optics	MSc	Laser Physics	Assistant Lecturer	Firas Ayad Abdulrahman	فراس اياد عبدالرحمن
Information security	Computer Science	PhD	Computer Science	Lecturer	Ghada Emad Kassim	غادة عماد قاسم
	Innovative Calculators	MSc	Computer Science	Assistant Lecturer	Hadeel Sadiq Obaid	هديل صادق عبيد
	Communications Engineering	MSc	Electrical Engineering	Assistant Lecturer	Hajer Faisel Jabbar	هاجر فيصل جبار
	Computer Science	MSc	Computer Science	Assistant Lecturer	Hiba Mahmood Yousif	هبه محمود يوسف
Communication networks	Communications Engineering	PhD	Civil Engineering	Lecturer	Hind Salim Ghazi	هند سالم غازي
	Electrical and Electronic Engineering	MSc	Medical Device Technology Engineering	Assistant Lecturer	Ibrahim Abbas Ameen	ابراهيم عباس امين
Electrical power engineering	Electrical power engineering	PhD	Electrical Engineering	Assistant Professor	Ihsan Jabbar Hasan	احسان جبار حسن
	Mathematical statistics	MSc	Mathematics and Computer Applications	Assistant Lecturer	Israa Abdulameer Resen	اسراء عبدالأمير رسن
Communications Engineering	Communications Engineering	PhD	Electrical and Electronic Engineering	Assistant Professor	Jaafar Adhab Angood	جعفر عذاب عنكود
	Computer Science	MSc	Computer Science	Assistant Lecturer	Maha Khalil Ibrahim	مها خليل ابراهيم
	Electronics and Communications	MSc	Electronics and Communications Engineering	Assistant Lecturer	Mais Nassier Hussain	ميس نصير حسين

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11. Faculty Faculty Members						
Specialization in Ph.D.	**Specialization in Higher Diploma/Master's**	**Highest Degree Obtained**	**General Specialization**	**Academic Title**	**Name(In Alphabetic Order)**	**الاسم باللغة العربية**
	Engineering					
Electrical and Electronic Engineering	Communications Engineering	PhD	Electrical and Electronic Engineering	Lecturer	Mayahsa Mohammedali Abdulhadi	مياسة محمدعلي عبدالهادي
	Computer Engineering	MSc	Computer Engineering	Assistant Lecturer	Mohammad Hassan Maktoof	محمد حسن مكطوف
	Information Engineering	MSc	Information and Communications Engineering	Assistant Lecturer	Mohammed Khudhair Abbas	محمد خضير عباس
Control and Automation Engineering	Control and Computer Engineering	PhD	Electrical Engineering	Professor	Mouayad Abdulredha Sahib	مؤيد عبدالرضا صاحب
	Basic Information Systems and Information Technology	MSc	Systems programming	Lecturer	Muneer Sameer Gheni	منير سمير غني
	Optical Communication Systems Engineering	MSc	Communications Engineering	Assistant Lecturer	Muntadher Taha Abd Al-Hussien	منتظر طه عبدالحسين
	Electrical and Electronic Engineering	MSc	Electrical and Electronic Engineering	Assistant Lecturer	Mustafa Abdullah Saeed	مصطفى عبدالله سعيد
	Applied Linguistics	MSc	English language	Assistant Lecturer	Mustafa Khalid Saleh	مصطفى خالد صالح
	Mechatronics Engineering	MSc	Control and Systems Engineering	Assistant Lecturer	Mustafa Sami Ali	مصطفى سامي علي
	business management	MSc	business management	Assistant Lecturer	Nabaa Abd Alredha Jawad	نبأ عبدالرضا جواد
Communications and Electronics Engineering	Communications and Radar Engineering	PhD	Electrical Engineering	Assistant Professor	Nadhir Ibrahim Abdulkhaleq	ناظر ابراهيم عبدالخالق
Functional approximation theory	mathematics	PhD	mathematics	Lecturer	Nagham Ali Hussen	نغم علي حسين
	Computer Engineering	MSc	Computer Engineering	Assistant Lecturer	Noor Kamil Abidalhameed	نور كامل عبدالحميد
	Electronics and Communications Engineering	MSc	Electronics and Communications Engineering	Assistant Lecturer	Omer Saad Abdulqader	عمر سعد عبدالقادر
	Control and Computer Engineering	MSc	Electrical Engineering	Assistant Lecturer	Randa Jalaa Yahya	رنده جلاء يحيى
	Commercial Law	MSc	law	Assistant Lecturer	Rouaa Mohammed Saab	رؤى محمد صعب

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11. Faculty

Faculty Members

Specialization in Ph.D.	Specialization in Higher Diploma/Master's	Highest Degree Obtained	General Specialization	Academic Title	Name(In Alphabetic Order)	الاسم باللغة العربية
digital image processing	Computer Science	PhD	Computer Science	Lecturer	Saba Ayad Tuama	صبا اياد طعمة
	Computer Science	MSc	Software Engineering	Assistant Lecturer	Sadeer Alaa Thamer	سدير علاء ثامر
	Electronics and Communications Engineering	MSc	Electronics and Communications Engineering	Assistant Lecturer	Sura Adel Abbas	سرى عادل عباس
Communications Engineering / Digital Signal Processing	Electronics and Communications Engineering	PhD	Electrical Engineering	Lecturer	Taif Ali Mehdi	طيف علي مهدي
Electronics and Communications Engineering	Electronic Engineering	PhD	Electrical Engineering	Lecturer	Tamara Zuhair Fadhel	تمارا زهير فاضل
	Electronics and Communications Engineering	MSc	Civil Engineering	Assistant Lecturer	Yaqeen Sabah Mezaal	يقين صباح مزعل
Communications Engineering	Electrical and Electronic Engineering	PhD	Electrical and Electronic Engineering	Assistant Professor	Yaseen Naser Jurn	ياسين ناصر جرن

MSc	26	**Professor**	1
PhD	15	**Assistant Professor**	4
		Lecturer	11
		Assistant Lecturer	25

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12.Professional Development

Mentoring and Development of New Faculty Members

The program places strong emphasis on the systematic development and support of new faculty members to ensure they are well-prepared to deliver high-quality instruction and contribute effectively to achieving the program's intended learning outcomes. Key strategies include:

1. Organizing training workshops specifically designed for newly appointed faculty to enhance their pedagogical skills, familiarize them with course objectives, and ensure alignment with program outcomes and assessment standards.
2. Integrating new faculty members into both permanent and ad hoc departmental committees, encouraging early engagement with academic governance, quality assurance processes, and curriculum development activities.
3. Encouraging active participation in professional development activities organized by the university's Continuing Education Unit, including the facilitation and attendance of training sessions, technical workshops, and educational seminars.

These initiatives are designed to foster a culture of continuous improvement, collaboration, and accountability among new academic staff.

Ongoing Professional Development of Faculty Members

The department is committed to fostering a culture of continuous professional growth among its academic staff. Ongoing development is supported through the following mechanisms:

- Organizing and participating in scientific workshops, seminars, and training courses, in collaboration with governmental and industrial institutions, addressing current academic and societal priorities.
- Hosting and contributing to scientific conferences, which offer platforms for faculty to present research, engage with emerging trends, and build national and international collaborations.
- Encouraging interdisciplinary and applied research, aimed at advancing teaching, innovation, and community impact.
- The Head of Department is required to facilitate and support the participation of all faculty members in relevant local and international conferences, workshops, seminars, and academic events that contribute to their professional advancement.
- The Head of Department is required to ensure impartiality and fairness by providing equal opportunities for all faculty members, without bias or preferential treatment.
- The Head of Department is required to secure and allocate financial resources to enable faculty participation in such activities, including registration, travel, and accommodation expenses when applicable.

13.Planning for personal development

The department is committed to fostering the personal and professional growth of its students by embedding personal development strategies throughout the academic journey. The personal development plan includes the following key objectives:

1. Enhancing Independent and Lifelong Learning Skills:
   Students are encouraged to develop effective self-learning and study skills through thoughtfully designed course content and diverse teaching methodologies that promote autonomy, critical inquiry, and curiosity-driven learning.
2. Preparing Students for Collaborative Research Environments:
   The curriculum emphasizes teamwork and collaborative problem-solving by engaging students in group-based projects, labs, and research assignments aligned with internationally recognized practices in academic and industrial research settings.
3. Promoting Participation in Academic and Professional Activities:
   Students are actively encouraged to participate in scientific competitions, academic conferences, seminars, and workshops. These activities aim to strengthen their research capabilities, enhance communication skills, and build confidence in independent learning and professional development.

14.Acceptance Criteria (Regulations on Admission to the College)

Admission to the Bachelor of Science in Mobile Communications and Computing Engineering program is regulated by national guidelines issued by the Iraqi Ministry of Higher Education and Scientific Research. Students are accepted based on their performance in the final year of secondary education.

Internal Departmental Distribution Criteria:

Students admitted to the college are distributed to departments, including the Department of Mobile Communications and Computing Engineering, based on the following ranked criteria:

1. Student preference (expressed during the application process).
2. Final grade average in the sixth preparatory class.
3. Departmental capacity, based on the annual admission plan and absorptive limits set by the college and approved by the Ministry.

15.The most important sources of information about the program and Classes

- **University website (https://uoitc.edu.iq/mcce_department)**
- **Digital Content of UOITC (https://dc.uoitc.edu.iq/CCE_Show.aspx)**
- **Textbooks (Hardcopy and/or Softcopy).**
- **Assisting external sources.**
- **Accredited Scientific sources.**

16.Program Development Plan

The department is committed to the continuous development and enhancement of its academic program to align with evolving economic needs, labor market demands, and national and international educational standards. The development plan focuses on the following key directions:

- Aligning Program Outcomes with Labor Market Needs: Ongoing efforts are being made to ensure that the program's learning outcomes are closely aligned with the current and projected needs of the local and regional labor market, particularly in the fields of mobile communications and computing. This includes revising course content and skill sets to meet the expectations of industry and employers.
- Integrating Sustainable Development Goals (SDGs): The curriculum is being reviewed and updated to incorporate themes and objectives that support the United Nations Sustainable Development Goals (SDGs). This includes embedding principles of sustainability, ethical responsibility, digital inclusion, and social impact into relevant coursework and student activities.
- Fostering Research and Community Engagement: The program encourages students to engage in applied research, community-based projects, and interdisciplinary collaboration. Students are supported in developing the skills needed to function not only as engineers, but also as researchers and socially responsible contributors to society.
- Enhancing Professional and Practical Competencies: Emphasis is placed on equipping students with practical and professional skills—such as teamwork, communication, leadership, and problem-solving—that enable them to effectively engage with diverse groups within society and respond to real-world challenges with confidence and competence.

This strategic direction ensures that graduates are not only technically proficient but also socially aware, adaptable, and ready to contribute meaningfully to both the professional and civic spheres.