

# University of Technology

## الجامعة التكنولوجية



*First Cycle – Bachelor's degree (B.Sc.) – Civil Engineering*

بكالوريوس هندسة مدنية



## Table of Contents | جدول المحتويات

1. Mission & Vision Statement	بيان المهمة والرؤية
2. Program Specification	مواصفات البرنامج
3. Program Goals	أهداف البرنامج
4. Program Student learning outcomes	مخرجات تعلم الطالب
5. Academic Staff	الهيئة التدريسية
6. Credits, Grading and GPA	الاعتمادات والدرجات والمعدل التراكمي
7. Modules	المواد الدراسية
8. Contact	اتصال

### 1. Mission & Vision Statement

#### *Vision Statement*

Leadership in following the foundations of academic knowledge in both theory and practice, in parallel with updating the curricula in line with the theoretical and applied engineering sciences in various fields of civil engineering, with the adoption of international quality standards in an integrated academic system in terms of teaching and scientific research that meets the requirements of society and sustainable development.

#### *Mission Statement*

Contribute to supplying the labor market with highly qualified engineers through their acquisition of theoretical and practical skills in the field of civil engineering, in addition to the skills of precise specialization in the fields of structural engineering, management of construction projects, and infrastructure facilities such as dams, roads, bridges, sewage networks, sanitary and environmental engineering, and water resources engineering. And soil techniques as well as modern techniques in geomatics engineering and remote sensing.

### 2. Program Specification

Programme code:	BSc-CE	ECTS	240
Duration:	4 levels, 8 Semesters	Method of Attendance:	Full Time

Civil engineering is concerned with shaping the built and natural environments in which humans live. It is about the structures that surround and support ourselves. It is about how we grow around, how we protect ourselves from the environment, and how we protect the environment from ourselves. Civil engineers must be highly skilled, but also imaginative, open-minded, inclusive, and able of leading when needed.

The Civil engineering program has been developed to give graduates an adequate technical foundation in all of the major fields of the modern Civil Engineering profession by delivering a coherent, coordinated, and balanced degree program that integrates fundamental engineering science with practical application. It will allow students to build a sophisticated understanding of the context in which engineering projects are generated. It will also help students improve their oral, written, and graphic communication skills. Students will be given enough time to investigate the topic, conduct self-directed study, and consider the concerns and challenges of the content, with additional time for self-directed study gradually increasing over the four years as a better preparation for professional practice.

The program covers all aspects of the very broad discipline of civil engineering, i.e. structural engineering, management of construction projects, and infrastructure facilities such as dams, roads, bridges, sewage networks, sanitary and environmental engineering, and water resources engineering. And soil techniques as well as modern techniques in geomatics engineering and remote sensing, aligning with the research units of the Department.

Level 1 exposes students to the fundamentals of general sciences. Program-specific core topics are covered at Level 2 preparing for research-led subject specialist modules at Levels 3 and 4. A University of Technology Civil Engineering graduate is therefore trained to appreciate high level civil engineer, according to the University and School Mission statements.

At Levels 2, 3 and 4 students are free to choose their module credits with the proviso a range of modules are selected that reflect the broad discipline of civil engineering. This allows students to develop their own wide-ranging interests in Civil Engineering. Decisions on what to study are made with input from personal tutors.

The civil engineering program at the University of Technology consists of six tracks and students can choose the appropriate track from the second stage, and these tracks are (structural engineering, construction engineering and management, highways and bridges engineering, sanitary and environmental engineering, water and hydraulic structures engineering, as well as geomatics engineering). When choosing the track by the student, then the elective Modules of the concerned branch are selected, which are Modules with the exact specialization of the selected branch.

The staff in each scientific division are national-leading experts in their areas of civil engineering, and they have designed the (year-to-year) teaching of the concepts in their specialist topic areas, assuring that there is a logical sequence of learning objectives and teaching of concepts as the student progress through the program and that the state-of-the-art in each sub-area is captured.

### 3. Program Goals

1. Work effectively and efficiently to open new scientific horizons in accordance with the needs of the labor market.
2. Supports sustainable development plans and community requirements
3. Successfully apply basic mathematical, scientific and engineering principles in formulating and solving engineering problems and using energy and resources in a sustainable manner.
4. The possibility of working in design, analysis, preparation and tests in the field of civil engineering.
5. Work effectively and adhere to professional ethics and integrity in the workplace
6. Developing and acquiring the skills of communicating with others, working on a team principle, feeling the needs of urban society and respecting time by adhering to work progress schedules.

### 4. Student Learning Outcomes

Upon successful completion of this program, graduates will typically have:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. an ability to communicate effectively with a range of audiences.
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

### 5. Academic Staff

[Ali Majeed Al-Dahawi](#) | Ph.D. in Civil Engineering | Assistant Prof.  
Head of Civil Engineering Department  
Email: [40082@uotechnology.edu.iq](mailto:40082@uotechnology.edu.iq)  
Mobile no.: 07901767520

---

[Mohammed Yousif Fattah](#) | Ph.D. in Civil Engineering | Professor  
Email: [40011@uotechnology.edu.iq](mailto:40011@uotechnology.edu.iq)  
Mobile no.:07901678315

---

[Wael Shawky Abdulsahib](#) | Ph.D. in Civil Engineering | Assistant Prof.  
Email: [40025@uotechnology.edu.iq](mailto:40025@uotechnology.edu.iq)  
Mobile no.:07901535425

<a href="#">Ibtisam Raheem Karim</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:m_bajalan@yahoo.com">m_bajalan@yahoo.com</a>		
<a href="#">Ahlam Sader Mohammed</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:ahlam_mu@yahoo.com">ahlam_mu@yahoo.com</a>		
<a href="#">Ahmed S.A. Al-Gharbawi</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:ahmedsgharbawi@yahoo.com">ahmedsgharbawi@yahoo.com</a>		
<a href="#">Ahmed Sameer</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:ahmeedsameer@gmail.com">ahmeedsameer@gmail.com</a>		
<a href="#">Ahmed Shemkhi Jeber</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:ahmed-shemkhi@yahoo.com">ahmed-shemkhi@yahoo.com</a>		
<a href="#">Ahmed Subhi Abduljabbar</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:Ahmed_abdaljabbar@yahoo.com">Ahmed_abdaljabbar@yahoo.com</a>		
<a href="#">Ahmed Abdulameer Jabbar</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:ahmed.a.jabbar@uotechnology.edu.iq">ahmed.a.jabbar@uotechnology.edu.iq</a>		
<a href="#">Ahmed Fouad Nashait</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:Ahmeduadn44@yahoo.com">Ahmeduadn44@yahoo.com</a>		
<a href="#">Ahmed Farhan Kadhum</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:Ahmedms1976@yahoo.com">Ahmedms1976@yahoo.com</a>		
<a href="#">Ahmed Majeed Ali</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: <a href="mailto:Ahmed.real85@yahoo.com">Ahmed.real85@yahoo.com</a>		

<a href="#">Ahmed Naji Mustafa</a> Email: <a href="mailto:ahmed.nm@gmail.com">ahmed.nm@gmail.com</a>	M.Sc. in Civil Engineering	Assistant Lecturer
<a href="#">Arkan Khudhayer</a> Email: <a href="mailto:arkanjssm@yahoo.com">arkanjssm@yahoo.com</a>	Ph.D. in Civil Engineering	Lecturer
<a href="#">Israa Hatem Mohammed</a> Email: <a href="mailto:40278@uotechnology.edu.iq">40278@uotechnology.edu.iq</a>	M.Sc. in Civil Engineering	Assistant Professor
<a href="#">Asraa Younis Al Goody</a> Email: <a href="mailto:israayounis@yahoo.com">israayounis@yahoo.com</a>	Ph.D. in Civil Engineering	Lecturer
<a href="#">Asmaa Ali Ahmed</a> Email: <a href="mailto:asmaali313@yahoo.com">asmaali313@yahoo.com</a>	Ph.D. in Civil Engineering	Assistant Professor
<a href="#">Aseel Shaban Mansi</a> Email: <a href="mailto:40150@uotechnology.edu.iq">40150@uotechnology.edu.iq</a>	Ph.D. in Civil Engineering	Lecturer
<a href="#">Aseel AbdulAzeez</a> Email: <a href="mailto:11608@uotechnology.edu.iq">11608@uotechnology.edu.iq</a>	M.Sc. in Civil Engineering	Lecturer
<a href="#">Afrah M.H.Kashkool</a> Email: <a href="mailto:afrahkashkool@yahoo.com">afrahkashkool@yahoo.com</a>	Ph.D. in Civil Engineering	Lecturer
<a href="#">Amjed Naser Mohsin</a> Email: <a href="mailto:40116@uotechnology.edu.iq">40116@uotechnology.edu.iq</a>	Ph.D. in Civil Engineering	Assistant Professor
<a href="#">Imzahim Abdulkareem</a> Email: <a href="mailto:mzahim@yahoo.com">mzahim@yahoo.com</a>	Ph.D. in Civil Engineering	Professor

<a href="#">Ameer Abdullah Ahmed</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:ameer_alsheikhley@yahoo.com">ameer_alsheikhley@yahoo.com</a>		
<a href="#">Anwer Abed Shahoobe</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:anwrshahoobi@yahoo.com">anwrshahoobi@yahoo.com</a>		
<a href="#">Ayat Hussein Mahdi</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:ahmoboid@yahoo.com">ahmoboid@yahoo.com</a>		
<a href="#">Basil Salah</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:basil1958a@yahoo.com">basil1958a@yahoo.com</a>		
<a href="#">Bassman R. Muhammad</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:BASSMAN.RIYADH@YAHOO.COM">BASSMAN.RIYADH@YAHOO.COM</a>		
<a href="#">Bayrak Shawqi Abdulsahab</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:bayrak.almuhsin@yahoo.com">bayrak.almuhsin@yahoo.com</a>		
<a href="#">Bevian Ismail</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: <a href="mailto:bevalhadithi@yahoo.com">bevalhadithi@yahoo.com</a>		
<a href="#">Tala A. Al-Khateeb</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:wameed hghassan@yahoo.com">wameed hghassan@yahoo.com</a>		
<a href="#">Thair Sharif khayyun</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:thshkhma@yahoo.com">thshkhma@yahoo.com</a>		
<a href="#">Thabet Mohammed</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:thabethabeeb1966@gmail.com">thabethabeeb1966@gmail.com</a>		

<a href="#">Jaafar Sadeq Maatooq</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:40071@uotechnology.edu.iq">40071@uotechnology.edu.iq</a>		
<a href="#">Husam Hikmat Bagir</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: <a href="mailto:Husamhb65@yahoo.com">Husamhb65@yahoo.com</a>		
<a href="#">Hussein Hameed Karim</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:m_bajalan@yahoo.com">m_bajalan@yahoo.com</a>		
<a href="#">Hussein Abbas</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:hussain.abbas@yahoo.com">hussain.abbas@yahoo.com</a>		
<a href="#">Hussein Hamel</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:hussinhamil@yahoo.com">hussinhamil@yahoo.com</a>		
<a href="#">Hameed Sarhan Ismael</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:hameedsirhan@yahoo.com">hameedsirhan@yahoo.com</a>		
<a href="#">Haidar Razaq Mohammad</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:haidar.r.mohammed@uotechnology.edu.iq">haidar.r.mohammed@uotechnology.edu.iq</a>		
<a href="#">Haider Adel Abdulhameed</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:hayderadel2004@yahoo.com">hayderadel2004@yahoo.com</a>		
<a href="#">Khalid Waleed</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:khalid.phar@yahoo.com">khalid.phar@yahoo.com</a>		
<a href="#">Khudhayer Najim</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:Khudhay67@yahoo.com">Khudhay67@yahoo.com</a>		



<a href="#">Khulood Hashim</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:Must_uu@yahoo.com">Must_uu@yahoo.com</a>		
<a href="#">khawla kareem kawther</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:khawla_kareem@yahoo.com">khawla_kareem@yahoo.com</a>		
<a href="#">Raid Ibrahim</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: <a href="mailto:raidalraies@yahoo.com">raidalraies@yahoo.com</a>		
<a href="#">Rasha Hassan</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:rasha_msc@yahoo.com">rasha_msc@yahoo.com</a>		
<a href="#">Rasha Gailan Shakir</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:rasha.shaker@yahoo.com">rasha.shaker@yahoo.com</a>		
<a href="#">Raad Abdulkhudhur Sehaib</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:40172@uotechnology.edu.iq">40172@uotechnology.edu.iq</a>		
<a href="#">Rana Jabbar Kasid</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:rranak81@yahoo.com">rranak81@yahoo.com</a>		
<a href="#">Rana Jawad Kadhim</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:rana.j.kadhim@uotechnology.edu.iq">rana.j.kadhim@uotechnology.edu.iq</a>		
<a href="#">Ziyad Majeed Abed</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:zma1978@yahoo.com">zma1978@yahoo.com</a>		
<a href="#">Zaid Riyad Alanbari</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:zaidalanbari@gmail.com">zaidalanbari@gmail.com</a>		

<a href="#">Zainab Ibrahim Abass</a>	Ph.D. in Civil Engineering	Lecturer
Email: ZAINABARCH2010@YAHOO.COM		
<a href="#">Zaynab Ibrahim Qassim</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:zaynab.2010@yahoo.com">zaynab.2010@yahoo.com</a>		
<a href="#">Zainab Bahaa</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:zbn_asr@yahoo.com">zbn_asr@yahoo.com</a>		
<a href="#">Zainab Hassan Shaker</a>	M.Sc. in Civil Engineering	Lecturer
Email: zainab_h2012@yahoo.com		
<a href="#">Zainab Raad Mahdi</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:Kardenya@yahoo.com">Kardenya@yahoo.com</a>		
<a href="#">Zeena T. Jaleel</a>	M.Sc. in Civil Engineering	Lecturer
Email: 40179@uotechnology.edu.iq		
<a href="#">Zeena Waleed Samueel</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: zinawaleed2004@yahoo.com		
<a href="#">Zeina Waleed Abbas</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: zeina_waleed2004@yahoo.com		
<a href="#">Sagid Mahdi Omaran</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:sagidmahdi@yahoo.com">sagidmahdi@yahoo.com</a>		
<a href="#">Sameh Badry Tobeia</a>	Ph.D. in Civil Engineering	Lecturer
Email: sameh_shuker@yahoo.com		

<a href="#">Sahar Salman</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:saharmahmmod@yahoo.com">saharmahmmod@yahoo.com</a>		
<a href="#">Sarmad Shafeeq</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:saas7703@yahoo.com">saas7703@yahoo.com</a>		
<a href="#">Sura Amoori Abbas</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: <a href="mailto:suraabbas88@yahoo.com">suraabbas88@yahoo.com</a>		
<a href="#">Saad Faik Abbas</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:saadfaik231@yahoo.com">saadfaik231@yahoo.com</a>		
<a href="#">Shubbar Jawad Kadhim</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:asdbagdad_2008@yahoo.com">asdbagdad_2008@yahoo.com</a>		
<a href="#">Shatha Sadiq Hasan</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:Shatha_sadiq@yahoo.com">Shatha_sadiq@yahoo.com</a>		
<a href="#">Shaymaa Tareq Kadhim</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:shaimakadhim@gmail.com">shaimakadhim@gmail.com</a>		
<a href="#">Shaimaa Taleb Kadhum</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:shaimaa.t.kadhum@uotechnology.edu.iq">shaimaa.t.kadhum@uotechnology.edu.iq</a>		
<a href="#">Shaimaa Muthana AbdulRahman</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:40336@uotechnology.edu.iq">40336@uotechnology.edu.iq</a>		
<a href="#">Saba Mohammed Sabih</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:saba.sabah@yahoo.com">saba.sabah@yahoo.com</a>		

<a href="#">Dhiyaa Hamoodi</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: dhiyaa_hamoudi@yahoo.com		
<a href="#">Tariq Abed Hussain</a>	Ph.D. in Civil Engineering	Professor
Email: TARIK2661971@YAHOO.COM		
<a href="#">Tareq A. Khaleel</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:Tariqabed67@yahoo.com">Tariqabed67@yahoo.com</a>		
<a href="#">Tariq Naji Otaiwi</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: tariq.n.ataiwe@uotechnology.edu.iq		
<a href="#">Oday Zakariya Jasim</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:o.h_1978@yhoo.com">o.h_1978@yhoo.com</a>		
<a href="#">Aqeel Shakir</a>	Ph.D. in Civil Engineering	Professor
Email: 40077@uotechnology.edu.iq		
<a href="#">Alla Qassim Rahima</a>	M.Sc. in Civil Engineering	Lecturer
Email: 40345@uotechnology.edu.iq		
<a href="#">Ali Sadiq Resheq</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:dr.ali_sadiq@yahoo.com">dr.ali_sadiq@yahoo.com</a>		
<a href="#">Ali Sadeq Abass</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: DRALISADIQ@YAHOO.COM		
<a href="#">Ali Attiea Jaber</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:aliatanytime@yahoo.com">aliatanytime@yahoo.com</a>		

<a href="#">Ali Fawzi Joudah</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:engineer_alifawzi@yahoo.com">engineer_alifawzi@yahoo.com</a>		
<a href="#">Ali Majeed Al-Dahawi</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:ALIMK_CEG@YAHOO.COM">ALIMK_CEG@YAHOO.COM</a>		
<a href="#">Alyaa Hussein Mohammed</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:alyaaalnajaf@yahoo.com">alyaaalnajaf@yahoo.com</a>		
<a href="#">Ammar A. Ali</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:ammabagh@yahoo.com">ammabagh@yahoo.com</a>		
<a href="#">Ammar Abbas Mohammed</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:40162@uotechnology.edu.iq">40162@uotechnology.edu.iq</a>		
<a href="#">Ammar Abdullah Al-Sultan</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: <a href="mailto:amar_civileng@yahoo.com">amar_civileng@yahoo.com</a>		
<a href="#">Ammar Muhammed Hamza</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:TAB_MAAR2002@YAHOO.COM">TAB_MAAR2002@YAHOO.COM</a>		
<a href="#">Omar Hassan</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:Omarhassan1978@yahoo.com">Omarhassan1978@yahoo.com</a>		
<a href="#">Ghzwani Ghaniem jumah</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:ghzwann@yahoo.com">ghzwann@yahoo.com</a>		
<a href="#">Ghassan Y. Khuder</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:40244@uotechnology.edu.iq">40244@uotechnology.edu.iq</a>		

<a href="#">Ghufran Farooq Jumaah</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:ghofranjumaa@yahoo.com">ghofranjumaa@yahoo.com</a>		
<a href="#">Ghaidaa majeed</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:chemo_star@yahoo.com">chemo_star@yahoo.com</a>		
<a href="#">Ghayda Yaseen</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:40126@uotechnology.edu.iq">40126@uotechnology.edu.iq</a>		
<a href="#">Faaeza Ahmed</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: <a href="mailto:Faizaahmed76@yahoo.com">Faizaahmed76@yahoo.com</a>		
<a href="#">Faris Hamoodi</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:farishamodi@yahoo.com">farishamodi@yahoo.com</a>		
<a href="#">Firas Jawad Alsaedi</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:firasi_79@yahoo.com">firasi_79@yahoo.com</a>		
<a href="#">Farah Layth Raouf</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:farahalbaghdadia@yahoo.com">farahalbaghdadia@yahoo.com</a>		
<a href="#">Falah Hassan</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:FFHHHZMR@yahoo.com">FFHHHZMR@yahoo.com</a>		
<a href="#">Qasem Abd Al-Karem</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:dr.qasimalobaidi@gmail.com">dr.qasimalobaidi@gmail.com</a>		
<a href="#">Qais AbdulMajeed Hasan</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:qais1964q@yahoo.com">qais1964q@yahoo.com</a>		

<a href="#">Kawther Yaly Hussain</a>	M.Sc. in Civil Engineering	Professor
Email: <a href="mailto:k.y_alsoudany@yahoo.com">k.y_alsoudany@yahoo.com</a>		
<a href="#">Lubna Salim Danha</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:Lubna_261180@yahoo.com">Lubna_261180@yahoo.com</a>		
<a href="#">Lubna Waleed Said</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:lubna.waleed@yahoo.com">lubna.waleed@yahoo.com</a>		
<a href="#">Layla Ali Ghalib Yassin</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:laylayassin@yahoo.com">laylayassin@yahoo.com</a>		
<a href="#">Muthanna Mohammed</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: <a href="mailto:eng.muthana@yahoo.com">eng.muthana@yahoo.com</a>		
<a href="#">Mohammed J. Hamood</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:mjh_smm@yahoo.com">mjh_smm@yahoo.com</a>		
<a href="#">Mohammed Dheyaa Noori</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:MUSA11887@YAHOO.COM">MUSA11887@YAHOO.COM</a>		
<a href="#">Mohammed Abdulateef</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:alneami@yahoo.com">alneami@yahoo.com</a>		
<a href="#">Mohammed Faeq Aswad</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:MASWAS61@YAHOO.COM">MASWAS61@YAHOO.COM</a>		
<a href="#">Mahmood Rasheed Mahmood</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:mahmoudal_qaissy@yahoo.com">mahmoudal_qaissy@yahoo.com</a>		

<a href="#">Marawan Mohammed</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:marawancivil@gmail.com">marawancivil@gmail.com</a>		
<a href="#">Marwah Sami Abduljabbar</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:marwasafa85@yahoo.com">marwasafa85@yahoo.com</a>		
<a href="#">Mustafa Al-Mukhtar</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:mmalmukhtar@yahoo.com">mmalmukhtar@yahoo.com</a>		
<a href="#">Mustafa M. Khattab</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:m_tayyeb88@yahoo.com">m_tayyeb88@yahoo.com</a>		
<a href="#">Mustafa Naem Hamoodi</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:mnh_rs_gis@yahoo.com">mnh_rs_gis@yahoo.com</a>		
<a href="#">Mudhafar Kareem</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:MUTHFARALGH@HOTMAIL.COM">MUTHFARALGH@HOTMAIL.COM</a>		
<a href="#">Maan S. Hassan</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:maan_S_h@yahoo.com">maan_S_h@yahoo.com</a>		
<a href="#">Maan Nihad Ibrahim</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:maan-nahad@yahoo.com">maan-nahad@yahoo.com</a>		
<a href="#">Makki Kamel Mohsen</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:Maki07802662449@yahoo.com">Maki07802662449@yahoo.com</a>		
<a href="#">Mundher Ali</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:muntheralzaidy@yahoo.com">muntheralzaidy@yahoo.com</a>		



<a href="#">Maha Hatem Nsaif</a>	Ph.D. in Civil Engineering	Lecturer
Email: MAHAAHMED@GMAIL@YAHOO.COM		
<a href="#">Maha Ghalib Ghaddar</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: maha ghaddar@yahoo.com		
<a href="#">Mohanned Qahtan Waheed</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: MUHANNAD1978@YAHOO.COM		
<a href="#">Miami Mohammed Hilal</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:mmh_com@yahoo.com">mmh_com@yahoo.com</a>		
<a href="#">Mays Fouad Al rubaie</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: maysalrubaie@yahoo.com		
<a href="#">Maysam Ali Yousif</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:maysamall82@yahoo.com">maysamall82@yahoo.com</a>		
<a href="#">Nada Sahmi Assi</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:nadasahmi@yahoo.com">nadasahmi@yahoo.com</a>		
<a href="#">Narjis Sabih</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:narjis_313@yahoo.com">narjis_313@yahoo.com</a>		
<a href="#">Nisreen Salih</a>	Ph.D. in Civil Engineering	Professor
Email: nisreen_alnimer@yahoo.com		
<a href="#">Nawal Dawood Salman</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:nawalalitabi@yahoo.com">nawalalitabi@yahoo.com</a>		

<a href="#">Nawal Abdulamir</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:nawal_amir@yahoo.com">nawal_amir@yahoo.com</a>		
<a href="#">Noor Hashim Hamed</a>	M.Sc. in Civil Engineering	Assistant Professor
Email: <a href="mailto:40166@uotechnology.edu.iq">40166@uotechnology.edu.iq</a>		
<a href="#">Nora Hameed</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:norajajawi@yahoo.com">norajajawi@yahoo.com</a>		
<a href="#">Nawfal Shihab Ahmed</a>	Ph.D. in Civil Engineering	Lecturer
Email: <a href="mailto:nawfal_shihab@gmail.com">nawfal_shihab@gmail.com</a>		
<a href="#">Hashim Mohammed</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:hashimhero@yahoo.com">hashimhero@yahoo.com</a>		
<a href="#">Hala Adnan</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:Hala_adnan2003@yahoo.com">Hala_adnan2003@yahoo.com</a>		
<a href="#">Hiba Abdulrazzaq</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:heba.A.Tarish@uotechnology.edu.iq">heba.A.Tarish@uotechnology.edu.iq</a>		
<a href="#">Hiba Omar Alaula Ghaeb</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:hebaalgorany@yahoo.com">hebaalgorany@yahoo.com</a>		
<a href="#">Hisham M. Jawad</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:hishamalsharaa@yahoo.com">hishamalsharaa@yahoo.com</a>		
<a href="#">Humam Hasan Mohammed</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:humam.hassan18@yahoo.com">humam.hassan18@yahoo.com</a>		

<a href="#">Haifaa Nasser Husein</a>	M.Sc. in Civil Engineering	Lecturer
Email: <a href="mailto:haifaanasser@yahoo.com">haifaanasser@yahoo.com</a>		
<a href="#">Wijdan Deyaa</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:130017@uotechnology.edu.ig">130017@uotechnology.edu.ig</a>		
<a href="#">Wurood Talib</a>	M.Sc. in Civil Engineering	Assistant Lecturer
Email: <a href="mailto:engwuroodtalib@gmail.com">engwuroodtalib@gmail.com</a>		
<a href="#">Wasan Ismail Khalil</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:wasan1959@yahoo.com">wasan1959@yahoo.com</a>		
<a href="#">Waleed Abdulrazzaq Abbas</a>	Ph.D. in Civil Engineering	Assistant Professor
Email: <a href="mailto:waleedalgaissi@yahoo.com">waleedalgaissi@yahoo.com</a>		
<a href="#">Wameedh Ghassan Abdul-Hussein</a>	Ph.D. in Civil Engineering	Professor
Email: <a href="mailto:wameedhghassan@yahoo.com">wameedhghassan@yahoo.com</a>		

## 6. Credits, Grading and GPA

### **Credits**

University of Technology - Iraq is following the Bologna Process with the European Credit Transfer System (ECTS) credit system. The total degree program number of ECTS is 240, 30 ECTS per semester. 1 ECTS is equivalent to 25 hrs student workload, including structured and unstructured workload.

### **Grading**

Before the evaluation, the results are divided into two subgroups: pass and fail. Therefore, the results are independent of the students who failed a course. The grading system is defined as follows:

GRADING SCHEME				
مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
<b>Success Group (50 - 100)</b>	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
<b>Fail Group (0 - 49)</b>	FX – Fail	راسب - قيد المعالجة	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note:				
Number Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				

### **Calculation of the Cumulative Grade Point Average (CGPA)**

1. The CGPA is calculated by the summation of each module score multiplied by its ECTS, all are divided by the program total ECTS.

CGPA of a 4-year B.Sc. degree:

$$CGPA = [ (1^{st} \text{ module score} \times ECTS) + (2^{nd} \text{ module score} \times ECTS) + \dots ] / 240$$

## 7. Curriculum/Modules

### Semester 1 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
PHEN 111	Physics for Engineers	63	112	7.00	B	
ENMS 112	Eng. Mechanics-Statics	63	62	5.00	C	
COMA 113	Construction Materials	63	37	4.00	C	
ENDR 114	Engineering Drawing	63	37	5.00	C	
COSC 115	Computer Science	63	12	3.00	S	
WORK 106	Workshops	93	7	4.00	S	
ENLA 116	English Language	33	17	2.00	S	

### Semester 2 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
CHEM 121	Chemistry	78	147	9.00	B	
MATH 122	Mathematics (1)	93	107	8.00	B	
ENMD 123	Eng. Mechanics-Dynamics	63	37	4.00	C	ENMS 112
COAG 124	Computer Aided Graphics	63	12	3.00	C	ENDR 114
WORK 106	Workshops	93	7	4.00	S	
HEHR 125	Democracy and Human Rights	33	17	2.00	S	

### Semester 3 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MATH 211	Mathematics (2)	93	82	7.00	B	MATH 122
STMA 212	Strength of Materials (1)	63	62	5.00	C	ENMD 123
PLSU 213	Plane Surveying	63	12	3.00	C	
BUCO 214	Building Construction	48	52	4.00	C	COMA 113
FLME 215	Fluid Mechanics	63	12	3.00	C	
PRSE 216	Probability and Statistics for Engineers	48	102	6.00	B	MATH 122
CDBP 217	Crimes of the Defunct Baath Party	33	17	2.00	S	

**Semester 4 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
TOSU 221	Topographic Surveying	63	37	4.00	C	PLSU 213
STMA 222	Strength of Materials (2)	48	77	5.00	C	STMA 212
HYHY 223	Hydrology and Hydraulics	78	47	5.00	C	FLME 215
ENGE 224	Engineering Geology	63	137	8.00	B	
COTE 225	Concrete Technology	78	47	5.00	C	BUCO 214
ENEC 226	Engineering Economics	33	42	3.00	C	

**Semester 5 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
GESM 311	Geomatics and Spatial Measurements	63	37	4.00	C	TOSU 221
SOME 312	Soil Mechanics	108	42	6.00	C	ENMD 123
ENAN 313	Engineering Analysis	48	127	7.00	B	MATH 211
STAN 314	Structural Analysis (1)	48	52	4.00	C	STMA 212
ASEE 315	Sanitary and Environmental Eng.	78	47	5.00	C	CHEM 121
SDRC 316	Structural Design-Reinforced concrete (1)	48	52	4.00	C	STMA 212

**Semester 6 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
APNA 321	Applied Numerical Analysis	63	137	8.00	B	ENAN 313
HITE 322	Highway and Transportation Engineering	93	57	6.00	C	GESM 311
STAN 323	Structural Analysis (2)	48	52	4.00	C	STAN 314
SDRC 324	Structural Design-Reinforced concrete (2)	48	52	4.00	C	SDRC 316
CE Elective (1) ADSM 301 Advanced Strength of Materials CESA 301 Civil Engineering System Analysis SOIM 301 Soil Improvement CMEE 301 Chemistry and Microbiology for Environmental Engineering ENHY 301 Engineering Hydrology DMCS 301 Digital Mapping and Cadastral Surveying		63	37	4.00	E	
CE Elective (2) COME 302 Construction Methods CDAT 302 Concrete Durability and Admixtures Technology TREN 302 Traffic Engineering EPSW 302 Environmental Protection and Solid Waste OPCH 302 Open Channel Hydraulics RSEG 302 Remote Sensing Engineering and Geospatial Data Analysis		78	22	4.00	E	

**Semester 7 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
QUSU 401	Quantity Survey	33	92	5.00	C	BUCO 204
FOEN 402	Foundation Engineering	63	87	6.00	C	SOME 302
STDS 403	Structural Design-Steel	48	77	5.00	C	SDRC 310
SPCE 404	Senior Project in Civil Eng.	93	57	6.00	C	
CE Elective (3) SDRC 401 Structural Design-Reinforced concrete (3) ARCS 401 Assessment and Repair of Concrete Structures RSRP 401 Roads Specification and Rehabilitation of Pavement WTUW 401 Water Treatment Unit and Water Quality HYST 401 Hydraulic Structures DPLS 401 Digital Photogrammetry and Laser Scanning		78	122	8.00	E	

**Semester 8 | 30 ECTS | 1 ECTS = 25 hrs**

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
DEFO 405	Deep Foundations	63	87	6.00	C	FOEN 402
SPCE 404	Senior Project in Civil Eng.	93	57	6.00	C	
CPM 407	Construction Project Management	33	92	5.00	C	
CE Elective (4) STDS 402 Structural Design-Steel (1) COEM 402 Construction Equipment Management EAST 402 Earth Structures & Tunnelling WIWT 402 Wastewater and Industrial Waste Treatment Unit WARM 402 Water Resources Management ALSM 402 Adjusting the Land Survey Measurements		33	92	5.00	E	
CE Elective (5) STDE 403 Structural Designs COQC 403 Concrete Quality Control RAAE 403 Railway and Airport Engineering SAND 403 Sanitary Network Design DABS 403 Dams and Barriers Structures GEPG 403 Geodesy and Positioning with GNSS		108	92	8.00	E	



## 8. **Contact**

Program Manager:

Ali Majeed Al-Dahawi | Ph.D. in Civil Engineering | Assistant Prof.

Head of Civil Engineering Department

Email: [40082@uotechnology.edu.iq](mailto:40082@uotechnology.edu.iq)

Mobile no.: 07901767520

Program Coordinator:

Tariq Naji Otaiwi | Ph.D. in Civil Engineering | Assistant Prof.

Email: [40111@uotechnology.edu.iq](mailto:40111@uotechnology.edu.iq)

Mobile no.:07902664779

---