



**Basic doctoral course plan “Construction Engineering and
Management” (recent list)
First semester 2023/2024**

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Productivity and Efficient Utilization of Resources in Construction CUE 606	3	Prof. Dr. Refaat Hassan Abdel Razek Prof. Dr. Hani Abdel Shakour Muhammad Dr. Adel Gouda Muhammad	1 1 1	Prof. Dr. Hani Abdel Shakour Muhammad
2	Advanced Financial Management CUE 607	3	Prof. Dr. Hani Abdel Shakour Muhammad Dr. Ayman Gouda Muhammad Dr. Ahmed Fouad Salman	1 1 1	Prof. Dr. Hani Abdel Shakour Muhammad
3	Artificial Intelligence and Its Applications in Construction CUE 605	3	Prof. Dr. Ahmed Hussein Ibrahim Dr. Medhat Abdel Rahman Youssef	2 1	Prof. Dr. Ahmed Hussein Ibrahim

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



**University study for doctoral studies - core courses “Specialization:
”Engineering, Transport and Traffic Engineering**

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Road Construction Economics CUE 629	3	Prof. Dr. Metwally Gouda Mohammed Al-Taher Prof. Dr. Mohamed Abdel- Ghani Al-Sayed Dr. Adel Gouda Muhammad	1 1 1	Prof. Dr. Metwally Gouda Mohammed Al-Taher
2	Advanced Traffic Management Systems CUE 625	3	Prof. Dr. Mohamed Abdel- Ghani Al-Sayed Prof. Dr. Hassan Darwish Hassanein Dr. Ahmed Ibrahim Zaki Muhammad	1 1 1	Prof. Dr. Mohamed Abdel-Ghani Al- Sayed
3	Special Topics 1 CUE 631	3	Prof. Dr. Ahmed Mohammadi Abdullah Prof. Dr. Fathi Mahmoud Mandil Dr. Mahmoud Al-Saeed Ali	1 1 1	Prof. Dr. Ahmed Mohammadi Abdullah

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



Study plan for the doctoral stage - core courses “Specialization: Surveying Engineering”

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Adjustment of Surveying Observations CUE 641	3	Prof. Dr. Gamal Saber Al-Feki Dr. Muhammad Ahmed Al-Ashqar	1 2	Prof. Dr. Gamal Saber Al-Feki
2	Geometric and Physical Geodesy CUE 642	3	Dr. Mohamed Amin Abdel Fattah Dr. Ibrahim Fouad Ibrahim	1 2	Dr. Mohamed Amin Abdel Fattah
3	Map Projection CUE 649	3	Dr. Heba Samir Tawfiq Dr. Ibrahim Fouad Ibrahim	1 2	Dr. Heba Samir Tawfiq

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



Study plan for the doctoral stage - specialized courses “Specialization: Road, transportation and traffic engineering”

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Advanced Road Construction Materials CUE 723	3	Prof. Dr. Metwally Gouda Mohammed Al-Taher Prof. Dr. Mohamed Abdel-Ghani Al-Sayed Dr. Mahmoud Fathi Abdel Maqsoud	1 1 1	Prof. Dr. Metwally Gouda Mohammed Al-Taher
2	Advanced Highway Structural Design CUE 724	3	Prof. Dr. Ahmed Mohammadi Abdullah Prof. Dr. Fathi Mahmoud Mandil Dr. Mahmoud Al-Saeed Ali	1 1 1	Prof. Dr. Ahmed Mohammadi Abdullah
3	Intelligent Transportation Engineering System CUE 721	3	Prof. Dr. Mohamed Abdel-Ghani Al-Sayed Prof. Dr. Hassan Darwish Hassanein Dr. Ahmed Ibrahim Zaki Muhammad	1 1 1	Prof. Dr. Mohamed Abdel-Ghani Al-Sayed

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



Study plan for specialized doctoral courses “Construction Engineering and Management”

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Advanced Construction Management CUE 701	3	Prof. Dr. Ismail Abdel Hamid Pasha Dr. Abdel-Azim Salah Abdel-Azim	2 1	Prof. Dr. Ismail Abdel Hamid Pasha
2	Advanced Financial Management (2) CUE 706	3	Prof. Dr. Ahmed Hussein Ibrahim Dr. Ayman Gouda Muhammad	1 2	Prof. Dr. Ahmed Hussein Ibrahim
3	Sustainability in Construction CUE 705	3	Prof. Dr. Ahmed Hussein Ibrahim Dr. Ahmed Al-Sayed Ali	1 2	Prof. Dr. Ahmed Hussein Ibrahim

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



Study plan for the basic engineering diploma “Construction Engineering and Management”

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Construction Engineering and Technology CUE 509	3	Prof. Dr. Adel Muhammad Al-Qalsh Dr. Hossam Mohamed Touma	2 1	Prof. Dr. Adel Muhammad Al-Qalsh
2	Construction Project Management CUE 502	3	Prof. Dr. Ahmed Hussein Ibrahim Dr. Ahmed Al-Sayed Ali	1 2	Prof. Dr. Ahmed Hussein Ibrahim

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



Study plan for the basic engineering diploma “Specialization: Road, transportation and traffic engineering”

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Geometric Design of Roads CUE 522	3	Prof. Dr. Metwally Gouda Mohammed Al-Taher Prof. Dr. Hassan Darwish Hassanein Dr. Mahmoud Fathi Abdel Maqsoud	1 1 1	Prof. Dr. Metwally Gouda Mohammed Al-Taher
2	Structural Design of Roads CUE 523	3	Prof. Dr. Ahmed Mohammadi Abdullah Dr. Mahmoud Fathi Abdel Maqsoud Dr. Islam Magdy Muhammad	1 1 1	Prof. Dr. Ahmed Mohammadi Abdullah

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



**Study plan for the basic engineering diploma “Specialization:
Surveying Engineering”**

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Topographic Surveying CUE 544	3	Prof. Dr. Gamal Saber Al-Feki Dr. Mohamed Amin Abdel Fattah	1 2	Prof. Dr. Gamal Saber Al-Feki
2	Principles of Astronomic Surveying CUE 546	3	Prof. Dr. Gamal Saber Al-Feki Dr. Heba Samir Tawfiq	1 2	Prof. Dr. Gamal Saber Al-Feki

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



Study plan for the Advanced Engineering Diploma in “Construction Engineering and Management”

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Contracts, Claims and Dispute Settlement CUE 608	3	Prof. Dr. Ahmed Hussein Ibrahim Dr. Souad Hosni Anani	1 2	Prof. Dr. Ahmed Hussein Ibrahim
2	Productivity and Efficient Utilization of Resources in Construction CUE 606	3	Prof. Dr. Refaat Hassan Abdel Razek Prof. Dr. Hani Abdel Shakour Muhammad	1 2	Prof. Dr. Hani Abdel Shakour Muhammad
3	Artificial Intelligence and Its Applications in Construction CUE 605	3	Prof. Dr. Ahmed Hussein Ibrahim Dr. Medhat Abdel Rahman Youssef	2 1	Prof. Dr. Ahmed Hussein Ibrahim
4	Advanced Financial Management CUE 607	3	Prof. Dr. Hani Abdel Shakour Muhammad Dr. Ahmed Fouad Salman	1 2	Prof. Dr. Hani Abdel Shakour Muhammad

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



Study plan for the Advanced Engineering Diploma stage “Specialization: Road, Transport and Traffic Engineering”

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Highway Construction CUE 623	3	Prof. Dr. Metwally Gouda Mohammed Al-Taher Prof. Dr. Muhammad Al-Saeed Abdel-Muttalib Dr. Islam Magdy Muhammad	1 1	Prof. Dr. Metwally Gouda Mohammed Al-Taher
2	Pavement Maintenance Management CUE 627	3	Prof. Dr. Fathi Mahmoud Mandil Prof. Dr. Manal Abdullah Ahmed Dr. Ahmed Ibrahim Zaki Muhammad	1 1 1	Prof. Dr. Fathi Mahmoud Mandil
3	Advanced Transportation Engineering CUE 624	3	Prof. Dr. Fathi Mahmoud Mandil Dr. Mahmoud Al-Saeed Ali Dr. Mahmoud Fathi Abdel Magsoud	1 1 1	Prof. Dr. Fathi Mahmoud Mandil
4	Advanced Statistical Engineering for Roads and Transportation Data Analysis CUE 628	3	Prof. Dr. Ahmed Mohammadi Abdullah Dr. Muhammad Abdulaziz Shalabi Dr. Abdul Rahman Baz Abdul Samie	1 1 1	Prof. Dr. Ahmed Mohammadi Abdullah

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)



Study plan for the advanced engineering diploma stage “Specialization: Surveying Engineering”

(recent list)

First semester 2023/2024

No.	Subject	Credit hours	Teaching participants	Weekly hours	The professor responsible for the course
1	Adjustment of Surveying Observations CUE 641	3	Prof. Dr. Gamal Saber Al-Feki Dr. Mohamed Amin Abdel Fattah	1 2	Prof. Dr. Gamal Saber Al-Feki
2	Topographic and Quantity Surveying CUE 644	3	Prof. Dr. Gamal Saber Al-Feki Dr. Heba Samir Tawfiq	1 2	Prof. Dr. Gamal Saber Al-Feki
3	Astronomic Surveying CUE 646	3	Prof. Dr. Gamal Saber Al-Feki Dr. Ibrahim Fouad Ibrahim	1 2	Prof. Dr. Gamal Saber Al-Feki
4	Map Projection CUE 649	3	Prof. Dr. Gamal Saber Al-Feki Dr. Muhammad Ahmed Al-Ashqar	1 2	Prof. Dr. Gamal Saber Al-Feki

Head of department

(Prof. Dr. Ahmed Hussein Ibrahim)