

CECOS UNIVERSITY OF IT & EMERGING SCIENCES  
**OFFICE OF GRADUATE STUDIES**  
**Courses Offered in Fall-2022**

S.No	Discipline	Course Code	Course Title
1	Architecture	Arch-601	Construction Management
2	Architecture	Arch-625	Advance Architecture Design Studio-III
3	Architecture	Arch-633	Urban Economics
4	Computer Science	CS-502	Advanced Analysis of Algorithms
5	Computer Science	CS-504	Advanced Computer Architecture
6	Computer Science	CS-506	Statistical Analysis
7	Computer Science	CS-6012	Advanced Software Engineering
8	Computer Science	CS-6021	Advanced Network Security
9	Computer Science	CS-6042	Advanced Requirement Engineering
10	Computer Science		Advanced Digital Communications Systems
11	Civil Engineering	CE-500	Advanced Structural Analysis
12	Civil Engineering	CE-503	Pre-stressed Concrete Theory and Design
13	Civil Engineering	CE-522	Advanced Soil Mechanics-I
14	Civil Engineering	CE-525	Statistical Methods for Engineering Data Analysis
15	Civil Engineering	CE-526	Pavement Structure and Design
16	Civil Engineering	CE-528	Ground Water and Engineering Geophysics
17	Civil Engineering	CE-530	Construction Project Administration
18	Civil Engineering	CE-532	Safety Management in Construction
19	Civil Engineering	CE-535	Economic Decision Analysis in Construction
20	Civil Engineering	CE-600	Analysis and Design of Masonry Structures
21	Civil Engineering	CE-605	Research Methodology
22	Civil Engineering	CE-635	Environmental Impact Assessment
23	Civil Engineering	CT-502	Construction Management
24	Civil Engineering	CT-508	Structural Analysis
25	Civil Engineering	CT-517	Bridge Engineering
26	Electrical Engineering	EE-506	Advanced Computer Networks
27	Electrical Engineering	EE-516	Linear Control Systems
28	Electrical Engineering	EE-523	High Tension Transmission Lines
29	Electrical Engineering	EE-529	Advanced Power System Protection
30	Electrical Engineering	EE-532	Advanced Wireless Communication
31	Electrical Engineering	EE-535	Renewable Energy Resources
32	Electrical Engineering	EE-536	Research Methodology
33	Electrical Engineering	EE-538	Advanced Mobile Propagation Channel Modeling
34	Electrical Engineering	EE-740	Distributed Generation
35	Engineering Management	EM-604	Engineering Entrepreneurship
36	Engineering Management	EM-605	Engineering Project Management
37	Engineering Management	EM-609	Technology Management
38	Engineering Management	EM-610	Risk Analysis and Management

39	Engineering Management	EM-615	Creativity, Innovation and Leadership
40	Management Sciences	MS-602	Advance Research Methodology
41	Management Sciences	MS-606	Advance Quantitative Techniques
42	Management Sciences	MS-623	Corporate Governance
43	Management Sciences	MS-635	Services Marketing