# SCHEME OF STUDIES
# CIVIL ENGINEERING

## Batch 2016-17

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2018 | CE-101 | Engineering Drawing-I | 3 | 1 | 4 |
| | CE-102 | Statics and Dynamics | 3 | 1 | 4 |
| | CE-115 | Applied Chemistry for Engineers | 3 | 1 | 4 |
| | EE-123 | Basic Electrical Engineering | 2 | 0 | 2 |
| | ME-108 | Engineering Materials | 2 | 0 | 2 |
| | HS-106 | Pakistan Studies - OR | 2 | 0 | 2 |
| | HS-127 | Pakistan Studies (for Foreigners) | 2 | 0 | 2 |
| FALL 2018 | CE-107 | Engineering Surveying-I | 3 | 1 | 4 |
| | CE-104 | Engineering Materials | 3 | 1 | 4 |
| | CS-105 | Introduction to Computing for Civil Engineers | 1 | 1 | 2 |
| | ME-110 | Basic Mechanical Engineering | 2 | 0 | 2 |
| | HS-111 | Functional English | 2 | 0 | 2 |
| | MT-221 | Linear Algebra & Ordinary Differential Equations | 3 | 0 | 3 |

Batch 2017

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2019 | CE-101 | Engineering Drawing-I | 3 | 1 | 4 |
| | CE-102 | Statics and Dynamics | 3 | 1 | 4 |
| | CE-115 | Applied Chemistry for Engineers | 3 | 1 | 4 |
| | EE-123 | Basic Electrical Engineering | 2 | 0 | 2 |
| | ME-108 | Engineering Materials | 2 | 0 | 2 |
| | HS-106 | Pakistan Studies - OR | 2 | 0 | 2 |
| | HS-127 | Pakistan Studies (for Foreigners) | 2 | 0 | 2 |
| FALL 17-18 | CE-107 | Engineering Surveying-I | 3 | 1 | 4 |
| | CE-104 | Engineering Materials | 3 | 1 | 4 |
| | CS-105 | Introduction to Computing for Civil Engineers | 1 | 1 | 2 |
| | ME-110 | Basic Mechanical Engineering | 2 | 0 | 2 |
| | HS-111 | Functional English | 2 | 0 | 2 |
| | MT-221 | Linear Algebra & Ordinary Differential Equations | 3 | 0 | 3 |
| | **HS-200** | **Chinese Language-I** | NC | | |

Batch 2018

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2019 | **CE-107** | **Engineering Drawing-I** | 1 | 2 | 3 |
| | CE-102 | Statics and Dynamics | 3 | 1 | 4 |
| | **CE-108** | **Engineering Materials** | 3 | 1 | 4 |
| | EE-123 | Basic Electrical Engineering | 2 | 0 | 2 |
| | HS-106 | Pakistan Studies - OR | 2 | 0 | 2 |
| | HS-127 | Pakistan Studies (for Foreigners) | 2 | 0 | 2 |
| FALL 2018 | **CE-109** | **Engineering Surveying-I** | 2 | 1 | 3 |
| | **CE-110** | **Chemistry for Civil Engineers** | 1 | 1 | 2 |
| | **CS-111** | **Introduction to Computing for Civil Engineers** | 1 | 1 | 2 |
| | ME-110 | Basic Mechanical Engineering | 2 | 0 | 2 |
| | HS-111 | Functional English | 2 | 0 | 2 |
| | MT-221 | Linear Algebra & Ordinary Differential Equations | 3 | 0 | 3 |
| | HS-200 | Chinese Language-I | NC | | |

* Changed vide Resolution No.379-156.4(5)(i)

Batch 2019

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2020 | CE-107 | Engineering Drawing-I | 1 | 2 | 3 |
| | CE-102 | Statics and Dynamics | 3 | 1 | 4 |
| | CE-108 | Engineering Materials | 3 | 1 | 4 |
| | EE-123 | Basic Electrical Engineering | 2 | 0 | 2 |
| | HS-106 | Pakistan Studies - OR | 2 | 0 | 2 |
| | HS-127 | Pakistan Studies (for Foreigners) | 2 | 0 | 2 |
| FALL 2019 | CE-109 | Engineering Surveying-I | 2 | 1 | 3 |
| | CE-110 | Chemistry for Civil Engineers | 1 | 1 | 2 |
| | CS-111 | Introduction to Computing for Civil Engineers | 1 | 1 | 2 |
| | ME-110 | Basic Mechanical Engineering | 2 | 0 | 2 |
| | HS-111 | Functional English | 2 | 0 | 2 |
| | MT-221 | Linear Algebra & Ordinary Differential Equations | 3 | 0 | 3 |
| | HS-200 | Chinese Language-I | NC | | |

* Changed vide Resolution No.379-156.4(5)(i)

Batch 2020

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2021 | CE-107 | Engineering Drawing-I | 1 | 2 | 3 |
| | CE-102 | Statics and Dynamics | 3 | 1 | 4 |
| | CE-108 | Engineering Materials | 3 | 1 | 4 |
| | EE-123 | Basic Electrical Engineering | 2 | 0 | 2 |
| | HS-106 | Pakistan Studies - OR | 2 | 0 | 2 |
| | HS-127 | Pakistan Studies (for Foreigners) | 2 | 0 | 2 |
| FALL 2020 | CE-109 | Engineering Surveying-I | 2 | 1 | 3 |
| | CE-110 | Chemistry for Civil Engineers | 1 | 1 | 2 |
| | CS-111 | Introduction to Computing for Civil Engineers | 1 | 1 | 2 |
| | ME-110 | Basic Mechanical Engineering | 2 | 0 | 2 |
| | HS-111 | Functional English | 2 | 0 | 2 |
| | MT-221 | Linear Algebra & Ordinary Differential Equations | 3 | 0 | 3 |
| | HS-200 | Chinese Language-I | NC | | |
| | HS-200 | Community Service | NC | | |

Batch 2021

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2022 | CE-107 | Engineering Drawing-I | 1 | 2 | 3 |
| | CE-102 | Statics and Dynamics | 3 | 1 | 4 |
| | CE-108 | Engineering Materials | 3 | 1 | 4 |
| | EE-123 | Basic Electrical Engineering | 2 | 0 | 2 |
| | HS-106 | Pakistan Studies - OR | 2 | 0 | 2 |
| | HS-127 | Pakistan Studies (for Foreigners) | 2 | 0 | 2 |
| FALL 2021 | CE-109 | Engineering Surveying-I | 2 | 1 | 3 |
| | CE-110 | Chemistry for Civil Engineers | 1 | 1 | 2 |
| | CS-111 | Introduction to Computing for Civil Engineers | 1 | 1 | 2 |
| | ME-110 | Basic Mechanical Engineering | 2 | 0 | 2 |
| | HS-111 | Functional English | 2 | 0 | 2 |
| | MT-221 | Linear Algebra & Ordinary Differential Equations | 3 | 0 | 3 |
| | **HS-200** | **Chinese Language-I** | NC | | |

* Under Section 28(iv) Office Order Acad/421/6/18911

Batch 2022

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2023 | CE-107 | Engineering Drawing-I | 1 | 2 | 3 |
| | CE-102 | Statics and Dynamics | 3 | 1 | 4 |
| | CE-108 | Engineering Materials | 3 | 1 | 4 |
| | EE-123 | Basic Electrical Engineering | 2 | 0 | 2 |
| | **HS-106** | **Pakistan Studies - OR** | 2 | 0 | 2 |
| | **EE-127** | **Pakistan Studies (for Foreigners)** | 2 | 0 | 2 |
| FALL 2022 | CE-109 | Engineering Surveying-I | 2 | 1 | 3 |
| | CE-110 | Chemistry for Civil Engineers | 1 | 1 | 2 |
| | CS-111 | Introduction to Computing for Civil Engineers | 1 | 1 | 2 |
| | ME-110 | Basic Mechanical Engineering | 2 | 0 | 2 |
| | **HS-111** | **Functional English** | 2 | 0 | 2 |
| | MT-221 | Linear Algebra & Ordinary Differential Equations | 3 | 0 | 3 |

* Under Section 28(iv) Office Order Acad/421/6/18911

** Under Section 28(iv) Office Order Acad/421/6/18909

Batch 2023

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2024 | CE-107 | Engineering Drawing-I | 1 | 2 | 3 |
| | CE-102 | Statics and Dynamics | 3 | 1 | 4 |
| | CE-108 | Engineering Materials | 3 | 1 | 4 |
| | EE-123 | Basic Electrical Engineering | 2 | 0 | 2 |
| | **HS-106** | **Pakistan Studies - OR** | 2 | 0 | 2 |
| | **EE-127** | **Pakistan Studies (for Foreigners)** | 2 | 0 | 2 |
| FALL 2023 | CE-109 | Engineering Surveying-I | 2 | 1 | 3 |
| | CE-110 | Chemistry for Civil Engineers | 1 | 1 | 2 |
| | CS-111 | Introduction to Computing for Civil Engineers | 1 | 1 | 2 |
| | ME-110 | Basic Mechanical Engineering | 2 | 0 | 2 |
| | **HS-111** | **Functional English** | 2 | 0 | 2 |
| | MT-221 | Linear Algebra & Ordinary Differential Equations | 3 | 0 | 3 |

* Under Section 28(iv) Office Order Acad/421/6/18911

** Under Section 28(iv) Office Order Acad/421/6/18909

Batch 2024

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2025 | CE-107 | Engineering Drawing-I | 1 | 2 | 3 |
| | CE-102 | Statics and Dynamics | 3 | 1 | 4 |
| | CE-108 | Engineering Materials | 3 | 1 | 4 |
| | EE-123 | Basic Electrical Engineering | 2 | 0 | 2 |
| | HS-106 | Pakistan Studies - OR | 2 | 0 | 2 |
| | HS-127 | Pakistan Studies (for Foreigners) | 2 | 0 | 2 |
| FALL 2024 | CE-109 | Engineering Surveying-I | 2 | 1 | 3 |
| | CE-110 | Chemistry for Civil Engineers | 1 | 1 | 2 |
| | CS-111 | Introduction to Computing for Civil Engineers | 1 | 1 | 2 |
| | ME-110 | Basic Mechanical Engineering | 2 | 0 | 2 |
| | HS-111 | Functional English | 2 | 0 | 2 |
| | MT-221 | Linear Algebra & Ordinary Differential Equations | 3 | 0 | 3 |

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** Under Section 28(iv) Office Order Acad/421/6/18909

Batch 2025

FIRST YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2026 | BS-125 | Applied Physics | 2 | 0 | 2 |
| | ES-106 | Pakistan Studies - OR | 2 | 0 | 2 |
| | ES-127 | Pakistan Studies (for Foreigners) | 2 | 0 | 2 |
| | MT-116 | Calculus & Analytical Geometry | 3 | 0 | 3 |
| FALL 2025 | CS-101 | Computer Science-I | 2 | 1 | 3 |
| | ES-205 | Ethical Behaviour (for Non-Muslims) | 2 | 0 | 2 |
| | CE-112 | Engineering Drawing-I | 1 | 2 | 3 |
| | CE-113 | Engineering Mechanics | 3 | 0 | 3 |
| | CY-105 | Essentials for Chemistry (for Computer Science Students) | NC | | |
| | MT-121 | Linear Algebra and Ordinary Differential Equations | 3 | 0 | 3 |
| | EA-104 | Functional English | 2 | 0 | 2 |
| SPRING 2026 | HS-109 | Ideology and Constitution of Pakistan | 2 | 0 | 2 |
| | CP-101 | IT Fundamentals and Applications | 2 | 1 | 3 |
| | CE-114 | Engineering Materials | 2 | 1 | 3 |
| | CE-115 | Engineering Materials | 2 | 1 | 3 |

**Changed vide Resolution No. AC-168.3(i)**

## Batch 2016-17

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2018 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | HS-205 | Islamic Studies - OR | 2 | 0 | 2 |
| | HS-206 | Ethical Behaviour (for Non-Muslims) | 2 | 0 | 2 |
| | HS-218 | Business Communication | 2 | 1 | 3 |
| | CE-203 | Engineering Drawing-II | 1 | 2 | 3 |
| | CE-201 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-219 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-330 | Applied Probability & Statistics | 3 | 0 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | AR-305 | Architecture and Town Planning | 3 | 0 | 3 |

Batch 2017

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2019 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | HS-205 | Islamic Studies - OR | 2 | 0 | 2 |
| | HS-206 | Ethical Behaviour (for Non-Muslims) | 2 | 0 | 2 |
| | HS-218 | Business Communication | 2 | 1 | 3 |
| | **HS-221** | **Chinese Language-II** | NC | | |
| | CE-203 | Engineering Drawing-II | 2 | 1 | 3 |
| | CE-201 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-219 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-330 | Applied Probability & Statistics | 3 | 0 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | AR-305 | Architecture and Town Planning | 3 | 0 | 3 |

* Changed vide meeting of AC-146

Batch 2018

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2019 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | HS-205 | Islamic Studies - OR | 2 | 0 | 2 |
| | HS-206 | Ethical Behaviour (for Non-Muslims) | 2 | 0 | 2 |
| | HS-218 | Business Communication | 2 | 1 | 3 |
| | HS-221 | Chinese Language-II | NC | | |
| | **CE-222** | **Engineering Drawing-II** | 1 | 2 | 3 |
| | CE-201 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-219 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-330 | Applied Probability & Statistics | 3 | 0 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | **CF-305** | **Applied Economics for Engineers** | 3 | 0 | 3 |

* Changed vide Resolution No.379-156.4(5)(i)

Batch 2019

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2020 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | HS-205 | Islamic Studies - OR | 2 | 0 | 2 |
| | HS-206 | Ethical Behaviour (for Non-Muslims) | 2 | 0 | 2 |
| | HS-218 | Business Communication | 2 | 1 | 3 |
| | HS-221 | Chinese Language-II | NC | | |
| | CE-222 | Engineering Drawing-II | 1 | 2 | 3 |
| | CE-201 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-219 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-330 | Applied Probability & Statistics | 3 | 0 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | CF-305 | Applied Economics for Engineers | 3 | 0 | 3 |

* Changed vide Resolution No.379-156.4(5)(i)

Batch 2020

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2021 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | HS-205 | Islamic Studies - OR | 2 | 0 | 2 |
| | HS-206 | Ethical Behaviour (for Non-Muslims) | 2 | 0 | 2 |
| | HS-218 | Business Communication | 2 | 1 | 3 |
| | HS-221 | Chinese Language-II | NC | | |
| | CE-222 | Engineering Drawing-II | 1 | 2 | 3 |
| | CE-201 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-219 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-330 | Applied Probability & Statistics | 3 | 0 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | CF-305 | Applied Economics for Engineers | 3 | 0 | 3 |
| | HS-200 | Community Service | NC | | |

Batch 2021

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2022 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | HS-205 | Islamic Studies - OR | 2 | 0 | 2 |
| | HS-206 | Ethical Behaviour (for Non-Muslims) | 2 | 0 | 2 |
| | HS-218 | Business Communication | 2 | 1 | 3 |
| | HS-221 | Chinese Language-II | NC | | |
| | CE-222 | Engineering Drawing-II | 1 | 2 | 3 |
| | CE-201 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-219 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-330 | Applied Probability & Statistics | 3 | 0 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | CF-305 | Applied Economics for Engineers | 3 | 0 | 3 |
| | **HS-200** | **Community Service** | NC | | |

* Under Section 28(iv) Office Order Acad/421/6/18911

** Under Section 28(iv) Office Order Acad/421/6/18909

Batch 2022

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2023 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | **ES-205** | **Islamic Studies - OR** | 2 | 0 | 2 |
| | **ES-206** | **Ethical Behaviour (for Non-Muslims)** | | | |
| | ****EA-218** | **Business Communication** | 2 | 1 | 3 |
| | **AR-305** | **Architecture and Town Planning** | 3 | 0 | 3 |
| | CE-222 | Engineering Drawing-II | 1 | 2 | 3 |
| | CE-201 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-219 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-330 | Applied Probability & Statistics | 3 | 0 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | CF-305 | Applied Economics for Engineers | 3 | 0 | 3 |
| | **EA-200** | **Community Service** | NC | | |

* Changed Vide Resolution No.AC-167.3(ii)

* Under Section 28(iv) Office Order Acad/421/6/18911

** Under Section 28(iv) Office Order Acad/421/6/18909

Batch 2023

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2024 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | ES-205 | Islamic Studies - OR | 2 | 0 | 2 |
| | ES-206 | Ethical Behaviour (for Non-Muslims) | | | |
| | EA-218 | Business Communication | 2 | 1 | 3 |
| | AR-305 | Architecture and Town Planning | 3 | 0 | 3 |
| | CE-222 | Engineering Drawing-II | 1 | 2 | 3 |
| | CE-201 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-219 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-330 | Applied Probability & Statistics | 3 | 0 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | CF-305 | Applied Economics for Engineers | 3 | 0 | 3 |
| | EA-200 | Community Service | NC | | |

Batch 2024

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2025 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | **ES-206** | **Islamic Studies - OR** | 2 | 0 | 2 |
| | ES-205 | Ethical Behaviour (for Non-Muslims) | | | |
| | EA-218 | Business Communication | 2 | 1 | 3 |
| | AR-305 | Architecture and Town Planning | 3 | 0 | 3 |
| | CE-222 | Engineering Drawing-II | 1 | 2 | 3 |
| | CE-201 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-219 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-330 | Applied Probability & Statistics | 3 | 0 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | CF-305 | Applied Economics for Engineers | 3 | 0 | 3 |
| | EA-200 | Community Service | NC | | |

* Changed Vide Resolution No.AC-164.6(vi)

Batch 2025

SECOND YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2026 | CE-201 | Engineering Surveying-II | 3 | 1 | 4 |
| | CE-205 | Mechanics of Solids-I | 3 | 1 | 4 |
| | CE-209 | Geology for Engineers | 2 | 0 | 2 |
| | CE-110 | Chemistry for Civil Engineers | 1 | 1 | 2 |
| | CS-111 | Introduction to Computing for Civil Engineers | 1 | 1 | 2 |
| | AR-250 | Architecture and Town Planning | 2 | 0 | 2 |
| | CE-225 | Engineering Drawing-II | 1 | 2 | 3 |
| | CE-250 | Structural Analysis-I | 3 | 0 | 3 |
| | CE-229 | Fluid Mechanics-I | 3 | 1 | 4 |
| | MT-331 | Probability and Statistics | 3 | 0 | 3 |
| | HS-250 | Professional Ethics | 2 | 0 | 2 |
| | HS-218 | Business Communication | 2 | 1 | 3 |
| | HS-219 | Professional Ethics | 2 | 0 | 2 |
| | CF-303 | Applied Economics for Engineers | 3 | 0 | 3 |
| | EA-200 | Community Service | NC | | |

**Changed vide Resolution No.AC-168.3(i)**

## Batch 2016-17

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| FALL 2018 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | CE-314 | Structural Analysis-II | 3 | 0 | 3 |
| | CE-321 | Construction Engineering | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | CE-306 | Soil Mechanics-I | 3 | 1 | 4 |
| | EN-301 | Environmental Engineering-I | 2 | 1 | 3 |
| | CE-302 | Transportation Engineering-I | 3 | 1 | 4 |
| | CE-305 | Soil Mechanics-I | 3 | 1 | 4 |
| | CE-303 | Quantity & Cost Estimation | 3 | 0 | 3 |
| | MT-443 | Numerical Analysis | 3 | 0 | 3 |

Batch 2017

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2020 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | CE-314 | Structural Analysis-II | 3 | 0 | 3 |
| | CE-321 | Construction Engineering | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | CE-307 | Essentials in Construction Project Management | 3 | 0 | 3 |
| | EN-301 | Environmental Engineering-I | 2 | 1 | 3 |
| | CE-302 | Transportation Engineering-I | 3 | 1 | 4 |
| | CE-305 | Soil Mechanics-I | 3 | 1 | 4 |
| | CE-303 | Quantity & Cost Estimation | 3 | 0 | 3 |
| | MT-443 | Numerical Analysis | 3 | 0 | 3 |

Batch 2018

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| FALL 2019 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | CE-321 | Construction Engineering | 3 | 0 | 3 |
| | **CE-303** | **Quantity & Cost Estimation** | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | **CE-309** | **Fluid Mechanics-III** | 3 | 1 | 4 |
| | **MT-445** | **Numerical Analysis** | 3 | 0 | 3 |
| | CE-302 | Transportation Engineering-I | 3 | 1 | 4 |
| | CE-306 | Soil Mechanics-I | 3 | 1 | 4 |
| | **CE-314** | **Structural Analysis-II** | 3 | 0 | 3 |
| | **CE-307** | **Essentials in Construction Project Management** | 3 | 0 | 3 |
| | ***CE-424** | **Essentials in Construction Project Management** | 3 | 0 | 3 |

* Changed vide Resolution No.379-156.4(5)(i)

Batch 2019

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2020 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | **CE-303** | **Quantity & Cost Estimation** | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | **CE-309** | **Fluid Mechanics-III** | 3 | 1 | 4 |
| | **MT-445** | **Numerical Analysis** | 3 | 0 | 3 |
| | CE-306 | Soil Mechanics-I | 3 | 1 | 4 |
| | **CE-314** | **Structural Analysis-II** | 3 | 0 | 3 |
| | **CE-307** | **Essentials in Construction Project Management** | 3 | 0 | 3 |
| | ***CE-424** | **Essentials in Construction Project Management** | 3 | 0 | 3 |

* Changed vide Resolution No.379-156.4(5)(i)

Batch 2020

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2021 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | CE-321 | Construction Engineering | 3 | 0 | 3 |
| | **CE-303** | **Quantity & Cost Estimation** | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | **CE-309** | **Fluid Mechanics-III** | 3 | 1 | 4 |
| | **MT-445** | **Numerical Analysis** | 3 | 0 | 3 |
| | CE-302 | Transportation Engineering-I | 3 | 1 | 4 |
| | CE-306 | Soil Mechanics-I | 3 | 1 | 4 |
| | CE-314 | Structural Analysis-II | 3 | 0 | 3 |
| | CE-307 | Essentials in Construction Project Management | 3 | 0 | 3 |
| | CE-424 | Essentials in Construction Project Management | 3 | 0 | 3 |

Batch 2021

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2022 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | CE-321 | Construction Engineering | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | **CE-309** | **Fluid Mechanics-III** | 3 | 1 | 4 |
| | **MT-445** | **Numerical Analysis** | 3 | 0 | 3 |
| | CE-302 | Transportation Engineering-I | 3 | 1 | 4 |
| | CE-306 | Soil Mechanics-I | 3 | 1 | 4 |
| | CE-314 | Structural Analysis-II | 3 | 0 | 3 |
| | CE-307 | Essentials in Construction Project Management | 3 | 0 | 3 |
| | CE-424 | Essentials in Construction Project Management | 3 | 0 | 3 |

Batch 2022

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2023 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | CE-321 | Construction Engineering | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | **CE-309** | **Fluid Mechanics-III** | 3 | 1 | 4 |
| | CE-306 | Soil Mechanics-I | 3 | 1 | 4 |
| | **CE-302** | **Transportation Engineering-I** | 3 | 1 | 4 |
| | **CE-303** | **Quantity & Cost Estimation** | 3 | 0 | 3 |
| | **CE-314** | **Structural Analysis-II** | 3 | 0 | 3 |
| | CE-307 | Essentials in Construction Project Management | 3 | 0 | 3 |
| | ****EA-415** | **Foreign Language-I** | NC | | |

* Changed vide Resolution No.AC-167.3(iv)

* Under Section 28(iv) Office Order Acad/421/6/18911

** Under Section 28(iv) Office Order Acad/421/6/18909

Batch 2023

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2024 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | CE-321 | Construction Engineering | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | **CE-309** | **Fluid Mechanics-III** | 3 | 1 | 4 |
| | CE-306 | Soil Mechanics-I | 3 | 1 | 4 |
| | CE-302 | Transportation Engineering-I | 3 | 1 | 4 |
| | CE-314 | Structural Analysis-II | 3 | 0 | 3 |
| | CE-307 | Essentials in Construction Project Management | 3 | 0 | 3 |
| | EA-415 | Foreign Language-I | NC | | |

Batch 2024

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2025 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | CE-321 | Construction Engineering | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | CE-306 | Soil Mechanics-I | 3 | 1 | 4 |
| | CE-302 | Transportation Engineering-I | 3 | 1 | 4 |
| | CE-314 | Structural Analysis-II | 3 | 0 | 3 |
| | CE-307 | Essentials in Construction Project Management | 3 | 0 | 3 |
| | EA-415 | Foreign Language-I | NC | | |

Batch 2025

THIRD YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| SPRING 2026 | CE-320 | Reinforced Concrete Design-I | 3 | 0 | 3 |
| | CE-302 | Transportation Engineering-I | 3 | 1 | 4 |
| | CE-321 | Construction Engineering | 3 | 0 | 3 |
| | CE-319 | Fluid Mechanics-II | 3 | 1 | 4 |
| | CE-306 | Soil Mechanics-I | 3 | 1 | 4 |
| | CE-303 | Quantity & Cost Estimation | 3 | 0 | 3 |
| | CE-314 | Structural Analysis-II | 3 | 0 | 3 |
| | CE-322 | Mechanics of Solids-II | 3 | 0 | 3 |
| | CE-307 | Essentials in Construction Project Management | 3 | 0 | 3 |
| | EA-415 | Foreign Language-I | NC | | |

**Changed vide Resolution No. AC-168.3(i)**

## Batch 2016-17

FINAL YEAR ---------- SEMESTER SYSTEM

| | Course Code | Course Title | Cr.Hrs Th | Pr | T |
|---|---|---|---|---|---|
| | | **Civil Engineering** | | | |
| FALL 2019 | CE-403 | Soil Mechanics-II | 3 | 1 | 4 |
| | CE-407 | Reinforced Concrete Design-II | 3 | 0 | 3 |
| | CE-407 | Transportation Engineering-II | 3 | 1 | 4 |
| | CE-414 | Essentials in Construction Project Management | 3 | 0 | 3 |
| | CE-418 | Hydraulic and Water Resources Engineering-I | 3 | 1 | 4 |
| | CE-409 | Civil Engineering Project | 0 | 3 | 3 |
| | CE-421 | Design of Steel Structures | 3 | 0 | 3 |
| | CE-421 | Elective Courses-I | 3 | 0 | 3 |
| SPRING 