

Punjab Tianjin University of Technology

Curriculum - Bachelor in Civil Engineering Technology

| Civil Engineering |
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| <i>Semester 1 (18)</i> Advanced Mathematics-I 4(4-0) Introduction to Computing Applications 3(2-1) Functional English 3(3-0) Technical Drawing-I 3(2-1) Compendium of Civil Engineering 2(2-0) Engineering Geology 3(2-1) |
| <i>Semester 2 (17)</i> Advanced Mathematics–II 4(4-0) Physics - I 4(3-1) Engineering Mathematics- I 3(3-0) Engineering mechanics- I 4(4-0) Technical Drawing–II 2(0-2) |
| <i>Semester 3 (17)</i> Physics –II 4(3-1) Engineering Mathematics-II 3(3-0) English Comprehension and Composition 3(3-0) Engineering mechanics-II 4(3-1) Civil Engineering Materials 3(2-1) |
| <i>Semester 4 (19)</i> Fluid Mechanics 3(2-1) Surveying 5(2-3) Structure Mechanics –I 4(4-0) Architectural Design & Construction 3(0-3) Architectural Design of a building 2(0-2) Practical Field Training and Report Submission-I 2(0-2) |
| <i>Semester 5 (18)</i> Structure Mechanics-II 2(2-0) Concrete Structures–I 4(4-0) Soil Mechanics 3(2-1) Engineering Economics 3(3-0) Electronics –I 4(3-1) Practical Field Training and Report Submission-II 2(0-2) |
| <i>Semester 6 (19)</i> Concrete Structures –II 2(2-0) Design of Concrete Structures 2(0-2) Foundations 2(2-0) Design of Foundations 1(1-0) Masonry Structures 2(2-0) Civil Engineering Construction Technology and Organization 4(4-0) Organization of Building Works 2(0-2) Practical Field Training and Report Submission-III 4(0-4) |
| <i>Semester 7 (18)</i> Steel Structures 4(3-1) Seismic Design of Building Structures 2(2-0) |

Project Management 3(2-1)
Computer Applications in Civil Technology 3(2-1)
Introduction to High-rise Building Structures 1(1-0)
Introduction to Urban Underground Engineering 1(1-0)
Introduction to Road and Bridge Engineering 2(2-0)
Seminar(Research) 2(0-2)

Semester 8 (14)

Project Design 14(0-14)