

# Punjab Tianjin University of Technology

## Curriculum - Bachelor in Automobile Engineering Technology

<p><b>Semester 1 (17)</b>            Advanced Mathematics- I 4(4-0)            Computing Applications 3(3-0)            Functional English 3(3-0)            Technical Drawing - I 4(3-1)            Compendium of Vehicle Engineering 2(2-0)            major cognition practice 1(0-1)</p>	<p><b>Semester 2 (17)</b>            Advanced Mathematics – II 4(4-0)            Physics - I 4(3-1)            Engineering Mathematics- I 3(3-0)            Technical Drawing – II 4(3-1)            Component mapping course design (auto) 2(0-2)</p>
<p><b>Semester 3 (31)</b>            Physics – II 4(3-1)            Engineering Mathematics- II 3(3-0)            English Comprehension and Composition 3(3-0)            Theory of Machine and Mechanisms Design 4(4-0)            Engineering mechanics- I 3(3-0)            Engineering Material &amp; Heat-treatment 3(3-0)            Precision Design &amp; Measuring Technology 3(2-1)            Fundamentals of Electrical and Electronic Technology - I 4(4-0)            Engineering Training- I 4(1-3)</p>	<p><b>Semester 4 (18)</b>            Engineering mechanics- II 3(3-0)            Fundamentals of Electrical and Electronic Technology-II 4(4-0)            Fundamentals of mechanical design - I3(3-0)            Automobile construction 2 (2-0)            Automotive electrical equipment 2 (2-0)            Automobile assembly and disassembly practice 2 (0-2)            Mechanical innovation design2 (0-2)</p>
<p><b>Semester 5 (23)</b>            Fundamentals of mechanical design - II 3(3-0)            Single chip microcomputer and interface technology 4(4-0)            Hydraulic &amp; Pneumatic Control 2(2-0)            Automobile construction 2-2 3(2-1)            Application of 3D automobile design software 3(2-1)            Automobile manufacturing technology 3(2-1)            Engine principle 2(2-0)            Automobile assembly and disassembly practice 1(0-1)            Three dimensional software curriculum design 2(0-2)</p>	<p><b>Semester 6 (21)</b>            Automobile design 2(2-0)            Advanced manufacturing management of automobile 2(2-0)            Automotive electronic control technology 4(4-0)            Automobile theory 4(4-0)            Automobile marketing 2(2-0)            Appraisal and evaluation of used cars 2(2-0)            Automobile Test Technology 2(2-0)            curriculum design of mechanical design 2(0-2)            3D design practice 1(0-1)</p>
<p><b>Semester 7 (20)</b>            Production practice 10(0-10)            Vocational skills training (auto repair - intermediate - Identification) 10(0-10)</p>	<p><b>Semester 8 (14)</b>            Graduation Fieldwork 4(0-4)            Project Design 10(0-10)</p>