



Study in China at Tianjin University of Technology

Undergraduate Program Guide 2014/2015

School of Mechanical Engineering

Undergraduate Program	Mechanics and Electronics Engineering (Instructed in English)
Minimum Members	20 people required
Duration of Study	4 years
Degree Awarded	Bachelor of Engineering
Required Qualification	<ol style="list-style-type: none"> 1. Be a citizen of a country other than the People's Republic of China, and be in good health and have a non criminal record; 2. Be a high school graduate under the age of 25 when applying for undergraduate program. 3. IELTS 6 (or TOFEL IBT 85)

Fees

No.	Items	Fees (RMB)	Notes
1	Registration Fee	RMB400	
2	Tuition Fee	RMB21,320 / per academic year	
3	Insurance Fee	RMB600/ per academic year	
4	Visa Fee	RMB1,500	Fees for the visa/residence permit and physical examination
5	Accommodation	RMB4900 / per person / semester (140 days)	Room Type: Double Room Dorm Facilities: Internet access; Telephone; Cold / warm water; Bedding; Air conditioner; Central heating; Toilet with shower; public laundry room and kitchen (Voltage in China: 220V)
Total		RMB28,720 / per person	The fees shall be paid at the beginning of the first academic year.

Notes:

1. Additional cost refers to your own personal expenses such as food, transportation, medical care, etc.
2. Text-book expenses are not included in the tuition.
3. The fee for professional training of some special programs is otherwise specified.
4. Tuition fee shall be paid within the specified time. 5% shall be charged for any delay in payment.
5. All the fees listed above are subject to change. Please contact us for the latest information.

Brief Introduction to the School of Mechanical Engineering

The School of Mechanical Engineering was set up in 1978. The school has 93 faculty members teaching and doing research for the “863 National Science Projects”, State Natural Science Foundation Project, and various international cooperation research projects. The school has set up many training centers around the country.

The school has established long-term cooperation with both domestic and overseas universities and academic groups. In recent years, the school has undertaken many joint international projects on Control Technology and Internet Software Technology with countries like America, Europe and Australia. The school has taken an active participation in holding international academic conferences and receiving international students from France and experts from America, which effectively promotes the development of all the subjects.

The school has 6 departments and 4 research centers, including **Mechatronics Department**, *Department of Mechanical Design*, *Department of Mechanical Manufacturing*, *Department of Processing Equipment and Control Engineering*, *Department of Industrial Design*, *Department of Mechanical Fundamentals*, and *General Experiment Center*, *Mechanical Experiments Center*, *Advanced Manufacturing Center*, *CAD Center*.



Main Courses of Mechanics and Electronics Engineering

Engineering Drawing A, Engineering Mechanics A, Fundamentals of Circuit Analysis, Analogy Electronic Technology, Fluid Mechanics, Fundamentals of Machine Design, Interchangeability and Technical Measurement, Hydraulic Transmission, Microcomputer Principles and Interface Technology, Fundamentals of Mechanical Control Engineering, Testing techniques and signal analysis, Fundamentals of Mechanical Manufacturing Technology, Fundamental of Mechanical and Electrical Integration, Electromechanical Transmission and Control, Analysis and Design of Hydraulic System, Electric and Hydraulic Control Engineering, Pneumatic Electronic Technology, Principle and Application of Programmable Controller, Computer Control System

Main Experiments of Mechanics and Electronics Engineering

Computer Aided Drawing, Measurement of Mechanism Moving Parameters, Mechanical Assembly and Structure Analysis, Experiment of Bernoulli Equation, Experiment of Microcomputer Principles and Interface Technology, Experiments of Hydraulic Transmission and Control, Experiment of Pneumatic Electronic Technology, Experiment on Principle and Application of Programmable Controller, Experiment of Embedded Control Technology, Experiment of Computer Control System