

IVETA (USA) recognized IQY+STCTU Work Studies-Engineering Programs  
2L for Bachelors degree (Self study Online) OR 5L for Some assistance by  
Teacher

456678A/556678EN

Advanced Diploma/ Bachelor of Work Studies( Engineering-  
Electrical/Civil/Mechanical/Others)

- 6 Subjects-Advanced Diploma
- 12 Subjects Bachelor of Work studies

### Curriculum

The same discipline subjects—Specialized discipline will on award

Mixture of discipline subjects—General Engineering on award

- GE1 Electrical Wiring (EE)
- GE2 Electrical Machine (EE)
- GE3 Electrical Distribution (EE)
- GE4 Power System Operation (EE)
- GE5 Power System Protection
- GE6 Occupational Health & Safety
- GE7 Project Management (EE/CE/ME)
- GE8 Electronics (EE)
- GE9 Process Control (EE/ME)
- GE10 Industrial Electronics (EE)
- GE11 Programmable Logic Controller (EE/ME)
- GE12 Photovoltaic Solar Electrical System
- GE13 Principle of Engine(ME)
- GE14 Fitting & Machining (ME)
- GE15 Building Construction (CE)

- GE16 Engineering Drawing I (EE/CE/ME)
- GE17 Pipe Fitting (CE/ME)
- GE18 Air-conditioning & Refrigeration (ME)
- GE19 Computer Programming (EE/CE/ME)
- GE20 Computer Networking (EE)
- GE21 Welding (ME)
- GE22 Painting & Decoration (CE)
- GE23 Pnuematics (CE/ME)
- GE24 Manufacturing Management (ME)
- GE25 Surveying (CE)
- GE26 Energy Efficient Building Design
- GE27 Machine Principle (ME)
- GE28 Hydraulic (CE/ME)
- GE29 Materials & Corrosion Prevention (CE/ME)
- GE30 Bricklaying (CE)
- GE31 Sprouting & Guttering (CE)
- GE32 Electronic Security Installation
- GE33 Explosion Protection
- GE34 Engineering Business Management

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- BTech/BE Conversion

- IE1 Engineering Mathematics
- IE2 Engineering Physics
- IE3 Material Science
- IE4 Advanced Engineering Mathematics
- IE5 Mechanical Science
- IE6 Principle of Electricity
- IE7 Electrical Circuit I (EE)
- IE8 Electrical Circuit II (EE)
- IE9 Advanced Building Construction (CE)
- IE10 Transmission Line (EE)
- IE11 Electrical & Mechanical Engineering Work Experience
- IE12 Civil Engineering Work Experience
- IE13 Advanced Workshop
- IE15 Advanced Engineering Design & Project Work
- IE16 Power System Analysis-Fault Calculation
- IE17 Power Line Design

- IE18 Building services
- IE19 PCB Design
- IE20 Maths References
- IE21 Electrical Principle
- IE22 Co-generation
- IE23 Industrial Computer System
- IE24 Microprocessor
- IE25 Power System Fundamental
- IE26 Electrical Communication Fundamental
- IE27 Control Concept
- IE28 Electronic Signal & System
- IE29 Electrical Estimating
- IE30 Electronic Workbench
- IE31 Introduction to Renewable Energy Technology
- IE32 Telecommunication Cabling & Installation
- IE33 Hybrid Energy System
- IE34 Electricity Supply Industrial Skills

656678A

Bachelor of Science (Technology)

- Bachelor of Work Studies( Engineering)+ Software Studies Part 1

656678B

Bachelor of Science (Engineering)

- Bachelor of Work Studies( Engineering)+ Software Studies Part 1+2