

Professional Diploma in Mechanical Engineering ပြီးစီးသူများ Production & Manufacturing Engineering ထပ်သင်လိုပါက Professional Diploma in Engineering/ BE (Mechanical, Production and Manufacturing Engineering အတွက်အောက်ပါ Stream အတိုင်းသင်ယူနိုင်သည်။

### **Stream 1 -Chemical Specialization**

Professional Diploma in Engineering/ BE (Mechanical, Production and Manufacturing Engineering -Chemical Engineering Specialization

#### **Pre-requisite - Professional Diploma in Mechanical Engineering**

ECh11011 Engineering Chemistry I  
ChE 11001 Organic Chemistry  
ME 22021 Machine Drawing  
ChE 22013 Material and Energy Balances  
ChE 31013 Chemical Engineering Thermodynamics  
ChE41032 Mass Transfer  
ChE41042 Particle Mechanics  
ME 51028 Industrial Management  
ChE51025 Instrumentation for Chemical and Automatic Process Control  
ChE 51052 Chemical Reaction Kinetics and Reactor Design  
ChE 51007 Pollution Control, Maintenance and Industrial Safety  
ChE 51062 Biochemical Engineering  
ChE 51016 Chemical Process Design  
ChE 61016 Plant Design and Economics for Chemical Engineers

TU BE-Chemical ဘာသာများအတိုင်းဖြစ်ပါသည်။

### **Stream 2 -Metallurgy**

Professional Diploma in Engineering/ BE (Mechanical, Production and Manufacturing Engineering -Metallurgy Specialization

#### **Pre-requisite – Advanced Diploma in Mechanical Engineering**

Met 401 Mechanical Properties of Metals  
Met 402 Metallurgical Engineering Alloys  
Met 403 Metallurgy Principle  
Met 404 Metallurgy  
Met 405 Powdered Metallurgy  
Met 501 Mechanical Estimating  
Met 502 Mechanical Properties of Metals  
Met 503 Metallurgy  
Met 504 Engineered Metals

Met505 Metallurgical Alloys  
Met507 Stress Assessment in Metallurgy  
Met508 Metallic Materials  
Met601 Metallurgical Processing  
Met602 Machineries Failure Analysis  
Met603 Materials Selection in Mechanical Design  
Met604 Strain Testing  
Met605 Applied Metallurgy  
Met606 Metals Extraction

**Stream 3- Mineral Extraction & Explosion Protection Engineering (Combined course of Mining & Petroleum)**

Professional Diploma in Engineering/ BE (Mechanical, Production and Manufacturing Engineering -Mineral Extraction and Explosion Protection

**Pre-requisite – Advanced Diploma in Mechanical Engineering**

PE 21015 Properties of Reservoir Rocks and Fluids  
PE 21002 Drilling Fluids  
Geol 21002 Petroleum Geology  
ChE 31013 Chemical Engg. Thermodynamics  
PE 31012 Drilling Engg.  
PE 31016 Formation Evaluation  
PE 31013 Production Engineering  
PE 41014 Natural Gas Engg.  
PE 41022 Applied Drilling Engg.  
PE 41023 Well Completion and Servicing  
PE 41035 Applied Reservoir Engg.  
Min501 Mechanical Estimating/ Met501 Mechanical Estimating  
Min502 Mechanical Properties of Metals/ Met502 Mechanical Properties of Metals  
Min503 Metallurgy/ Met503 Metallurgy  
Min504 Engineered Metals/ Met504 Engineered Metals  
Min505 Metallurgical Alloys/Met505 Metallurgical Alloys  
Min507 Stress Assessment in Metallurgy/ Met507 Stress Assessment in Metallurgy  
Min508 Metallic Materials/ Met508 Metallic Materials  
Min601 Metallurgical Processing/ Met601 Metallurgical Processing  
Min602 Machineries Failure Analysis/ Met602 Machineries Failure Analysis  
Min603 Materials Selection in Mechanical Design/ Met603 Materials Selection in Mechanical Design  
Min604 Strain Testing/ Met604 Strain Testing

Min605 Applied Metallurgy/ Met605 Applied Metallurgy  
Min606 Metals Extraction/ Met606 Metals Extraction  
Met607 Explosive Engineering

TU များတွင်ပထမနှစ်ကျောင်းသားလက်ခံခွင့်မပေးသဖြင့်သင်စရာကျောင်းသားမရှိသောဆရာဆရာမများ [iqytechnicalcollege@gmail.com](mailto:iqytechnicalcollege@gmail.com) သို့ CV ပေးပို့ နိုင်ပါသည်။

ဤဘာသာများကိုလေ့လာတက်ရောက်သူများသိဆရာရှိပါကဆရာကတာဝန်ယူသင်ပေးမည်။  
ဆရာမရှိပါကပေးပို့ သောစာအုပ်များကိုဖတ်ကာလေ့လာချက်အစီရင်ခံစာရေးသားတင်ပြသော  
နည်းလမ်းဖြင့်သင်ယူနိုင်ပါသည်။