

UPDATED COURSES

Click the following link to view the updated courses

<http://iqycoursesupdate.blogspot.com.au/>

VIDEO (MYANMAR) FOR THE OFFERED COURSES

www.iqytechnicalcollege.com/IQYIPEMCourseInformation.htm

[IQY Technical College Programs and Career](#)

Offered Courses

<u>Bachelor of Applied Management/ Bachelor of Business Management /Professional Diploma in Management Courses</u>
<u>Advanced Diploma/ Diploma/ Certificate in Management & Business Courses</u>
<u>Double Degrees Program</u>
<u>Graduate Diploma/ Master Diploma/ Master of Management Courses</u>
<u>Diploma in Doctorate Studies/ Doctor of Philosophy Programs</u>

[Bachelor of Engineering Management Course Outline \(66213\)](#)

[Bachelor of Engineering \(Mechanical Engineering Management\) /Professional Diploma in Mechanical Engineering and Management Course \(38811/68811\)](#)

[Bachelor of Applied Management/ Bachelor of Business Management /Professional Diploma in Management Courses](#)

[Bachelor Degree Programs \(St Clements University Higher Education School &](#)

[STC Technological University of British West Indies\)](#)

[Bachelor of Business /Bachelor of Applied Management Course Outline\(66113/66515\)](#)

[Bachelor of Business Administration \(66615\)](#)

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[Bachelor of Engineering Management Course Outline \(66213\)](#)

Advanced Diploma/ Diploma/ Certificate in Management & Business Courses

The following courses highlighted in this area are combined with Certificate in Tertiary Preparation (Year 11+12) General Education

Management Course Outline (26113/36113/46114)

Certificate in Financial Management (26315)

for

Bachelor of Business Administration (42556678) from Bachelor of Management Course

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Certificate in Financial Management Learning Support Website(26315)

Business Management Programs

UK Business Courses

Certificate/ Diploma in Tourism Management (214467)

Certificate of Attendance in Diploma/ Professional Diploma in Engineering, Management and Information Technology Programs

(A66223) Form-Click [HERE](#)

Double Degrees Program

Double Degrees (BE+BMgt/ BE+BAppSc(IT)/ BMgt+BAppSc(IT))

IQY Technical College Masters Degree Information

Graduate Diploma/ Master Diploma/ Master of Management Courses

[Master Degree Programs \(St Clements University and](#)

[STC Technological University of British West Indies\)](#)

Master of Management (76114/76214/86215)

Master Diploma in Management (76114/76214/86215)

Master of Business Administration (86216)

(Master of Management +Thesis+ Some Accounting Subjects)

Master of Accounting/ Master Diploma in Accounting (77114)

Some Masters units in Master of Management and Master of Accounting can be organized as Graduate Diplomas such as Graduate Diploma in Financial Advising etc

Diploma in Doctorate Studies/ Doctor of Philosophy Programs

**Doctor of Philosophy Degree Programs (St Clements University and
STC Technological University of British West Indies)**

IQY Diploma in Doctorate Studies (90110)

Doctor of Business Administration (90111)

Bachelor of Business Administration (Legal System) (4133456)

Bachelor of Law (BL) (4233456)

The following programs can be studied by reading the provided books and submit the mini thesis. To enrol , contact the college.

Graduate Certificate in International Relations (6887654)

Bachelor of Economics (43322112)

Master of Economics (64455678)

Doctor of Philosophy (Economics) (7665543)

HAND BOOKS

IQY Milestones and recognitions

Courses

www.highlightcomputer.com/abscourses.htm

Study Guide + Teacher's Manual

To be given on request

Bachelor of Business Administration

The candidates who completed Bachelor of Management can proceed to do self study course Bachelor of Business Administration (66615) by studying the following subjects

- Accounting Skills for new Supervisors
- Building Better Teams
- Conducting Effective Performance Reviews
- Closing the Generation Gap in the Workplace
- Stress Management
- Building an Online Business
- E-Commerce Management
- Writing a Business Plan
- Coaching and Mentoring
- Project Management
- Train the Trainer

The students will need to submit the study reports.

Bachelor of Law (BL) for Paralegal Professionals

Bachelor of Law (BL) Course outline of IQY Degree College

IQY ဒီဂရီကောလိပ်၏ဥပဒေဘွဲ့ (BL) သင်တန်း

ယခင်ကရှိခဲ့ဘူးသော BA.BL စသည့်ဘွဲ့များတွင် BL ဘွဲ့ကိုမြန်မာတက္ကသိုလ်ဥပဒေသင်ရိုးကိုထဲသွင်းကာ IQY ဒီဂရီကောလိပ်၏ဥပဒေဘွဲ့ (BL) သင်တန်းကို STC Technological University - Faculty of Law ၏နိုင်ငံတကာဥပဒေသင်တန်းအကြံဉာဏ်များရယူကာ The Society of Professional Executive ၏ Representative Lawyer (RL) ကိုရရှိရန်စီစဉ်ထားသည်။

ဤသင်တန်းပြီးဆုံးပြီးနောက်ဘွဲ့ရများသည် Para-legal ၏လုပ်ငန်းများကိုလုပ်ဆောင်နိုင်သည်။ ။

Paralegals သည်ရှေ့နေရဲ့လက်ထောက်အဖြစ်စဉ်းစားနိုင်ပါသည်။ ။

၎င်းတို့သည်ဥပဒေများနှင့်အမှုများကိုသုတေသနပြုခြင်းမှသည်တရား ဝင်စာရွက်စာတမ်းများရေးဆွဲခြင်းနှင့်တရားရုံးတွင်အသုံးပြုရန်သက်သေအထောက်အထားများစုဆောင်းခြင်းအထိအရာရာကိုလုပ်ဆောင်သည်။ ၎င်းတို့သည်ရှေ့နေများအားအစီရင်ခံစာများရေးသားခြင်း၊

သက်သေခံပစ္စည်းများကိုပြသခြင်းနှင့်ဆန့်ကျင်သောရှေ့နေနှင့်အယူခံတင်ခြင်းများအားဖြင့်ရုံးတင်စစ်ဆေးခြင်းအတွက်အဆင်သင့်ဖြစ်စေရန်ကူညီသည်။

အမှုကိစ္စများကိုကျယ်ကျယ်ပြန့်ပြန့်လုပ်ဆောင်နေသောကြောင့်တရားသူကြီးများသည်တရားသူကြီးများအနေဖြင့် ဝန်ဆောင်မှုခံယူသူများကိုငွေပေးချေနိုင်သည်။

သင်တန်းသည်အောက်ပါအရည်အချင်းများကိုထောက်ပံ့ပေးသည်။

၁။ တရားဝင်ကူးယူခြင်း၊

၂။ စာရွက်စာတမ်းစီမံခန့်ခွဲမှု၊

၃။ ငွေစုစာရင်းစီမံခန့်ခွဲမှု၊

၄။ တရားဝင်ငွေတောင်းခံ ခြင်း၊

၅။ ဥပဒေရေးရာ ပြဌာန်းသည့်ဥပဒေကိုအမှုအတွက်သတ်မှတ်ခြင်း၊

၆။ နယ်ပယ်နှင့်တရားရုံးအစီရင်ခံခြင်းဝန်ဆောင်မှုများပြုခြင်း၊

၇။ တရားဝင်ဘာသာပြန်ခြင်း ၊

၈။ ကိန်းဂဏန်းထည့်သွင်းဝန်ဆောင်မှုပြုခြင်း၊

၉။ အတွင်းရေးမှူးနှင့်ဥပဒေအထောက်အကူပြုစီးပွားရေးလုပ်ငန်းစဉ်ဝန်ဆောင်မှုများပေးခြင်း

၁၀။ အီလက်ထရောနစ်ဖိုင်တွဲခြင်း၊

After having completed this course, the graduates can do the tasks of Paralegal

Paralegals can be thought of as lawyer’s assistants; they do everything from conducting research on laws and cases to drafting legal documents and compiling evidence to be used in court. They help lawyers get ready for trial by writing reports, demonstrating exhibits and filing appeals with the opposing counsel. Because of their extensive work on cases, paralegals are able to bill clients for their work, whereas legal assistants cannot.

The training provides the following competencies

1. Legal Transcription
2. Document management
3. Deposition summary
4. Legal billing
5. Legal coding
6. Scoping and court reporting services
7. Legal Translation

8. Data entry service
9. Secretarial and paralegal business process services
10. E-filing service

List of Subjects

Year 1

Each 2 credits x 8=16 Credits

- BL101 Myanmar Penal Code
- BL102 Defending the law case
- BL103 Criminal Procedure
- BL104 Anti Corruption Law
- BL105 Telecommunications Law
- BL106 Myanmar Civil Servant Code
- BL107 Public safety & Law

- BL108 Freedom of Judges and Lawyers

Year 2

Each 2 credits x 8=16 Credits

- BL201 Urban Safety
- L202 Industry Law
- BL203 Leave and Holiday Law
- BL204 Employment Contract
- BL204 Human Rights
- BL205 Payment Law
- BL206 Dispute Settlement Law
- BL207 Shop and Office Place Law
- BL208 Social Security Rule

Year 3

Each 3 credits x 8=24 Credits

BL301 Community & Healthcare Law

BL302 Citizenship Duty and Responsibility

BL303 Disaster Protection Community Approach

BL304 Welfare Tasks

BL305 Ethics

BL306 Human Trafficking Protection

BL307 Humanity Work and Protection of Violence

BL308 Police Studies

TOTAL 60 Credits

Diploma in Law Holders can join the course at Year 4 and they can do self studies in Year 1 to 3 Subjects

ဥပဒေဒီပလိုမာရထားသူများသည် Year

4 တွင်တက်ရောက်နိုင်ပြီးပထမနှစ်မှ တတိယနှစ်ဘာသာရပ်များတွင်ကိုယ်ပိုင်လေ့လာနိုင်သည်။

Year 4

Each 2 credits x 12=24 Credits

BL401 Insurance Law

BL402 Constitution 2008

BL403 Civil Litigation

BL403module_9

BL404A Customs Law

BL404B Export Import System

BL404B Rate of Customs Duties

BL405 Myanmar Revenue Law

BL406 Negotiation Act

BL407A Business Law

BL407A Business Law Part1 Competition Law
BL407B Business Law Part2 Consumer Protection Law
BL407C Competition Rules
BL408 Myanmar Human Rights Law
BL409 Equity and Trust
BL410 Administrative Law
BL411 Public Governance Law
BL412Evidence Law

Year 5

Each 3 credits x 12=36Credits

BL501 Civil Litigation Procedure
BL502 Constitutions of ASEAN
BL503 Comparative Law
BL504 Criminology
BL505 Intellectual Property Law
BL506 Land Law
BL506 Land Law of Myanmar
BL506 Land usage Permission Certificate
BL507 International Environment Law
BL508 Law of Tort
BL509 Military Law
BL510 Myanmar Maritime Law
BL510 Myanmar Ocean Law
BL510 UN Ocean Law
BL511 Law of Commercial Arbitration
BAE512LawOfInternationalInstitutions

TOTAL 60 Credits

DEGREE= 120 Credits

BMgt+BAppSC (IT)

Year 1+2

Advanced Diploma in Management (60 cp)+
Diploma in Information Technology(30 cp)

Year 3+4

Bachelor of Applied Science (Computer Science & Computer Technology)

Year (3)

Unit	Topics	Reference	Points
ICT 301	General Electrical Knowledge	EE101	3
ICT 302	Digital Electronics	EE209/H012	3
ICT 303	Amplifier	EE208/H013	3
ICT 304	Material Science	E081	3
EE204	Physics	E046	3
EE201	Mathematics 1	E050	3
EE202	Mathematics 2	E026	3
EE306	Basic Control	I008	3
BAE605	Management		3
BAE408	Analog & Digital Electronics		3
	Mgt 301 Electronics Business		3
	Mgt 302 Information Security		3
	Mgt 303 Management Information System		4
		TOTAL	40

Year (4)

Unit	Topics	Reference	Points
ICT 401	Advanced Mathematics 1	BAE401	3
ICT 402	Advanced Mathematics 2	BAE402	3
BAE604	Telecommunication System		3
BAE508	Project Management		3
ICT 305	Professional Programming (1) C++		3
ICT 403	Professional Programming (2) Object Oriented		3
ICT 404	Professional Programming (3) Java		3
ICT 405	Professional Practice (1) Network		3
ICT 406	Professional Practice (2) Website		3
ICT 407	Artificial Intelligence		3
	Mgt 304 Electronics Commerce		3
	Mgt 305 Quantitative Methods for Management		3
	Mgt 306 Human Resources Management		3
	Mgt 307 Marketing Management		3
		TOTAL	42

Total credit points Year 1+2= 90+ Yr3+4=82 = 172

BE+BAppSCIT

Year 1+2

Adv Dip in Engineering (60cp)+Dip IT (30 cp)

Year 3+4

Bachelor of Engineering (Electrical)

YEAR 3 +4

Subjects		
<u>BAE 401 Advanced Engineering Mathematics</u>		
<u>BAE 402 Calculus</u>		
<u>BAE 403 Engineering Mechanics</u>		
<u>BAE 404 Engineering Materials & Thermodynamics</u>		
<u>BAE 405 Advanced Circuit Analysis</u>		
<u>BAE 406 Electro-mechanics</u>		
<u>BAE 407 Advanced Electro-magnetics Field & Materials</u>		
<u>BAE 408 Analogue & Digital Electronics</u>		
<u>ICT 302</u>	<u>Digital Electronics</u>	3
<u>ICT 303</u>	<u>Amplifier</u>	3
<u>ICT 304</u>	<u>Material Science</u>	3
<u>BAE 501 Advanced Power Systems & Power Transmission Networks</u>		
<u>BAE 502 Linear System</u>		
<u>BAE 503 Control System</u>		
<u>BAE 504 Power System Analysis</u>		
<u>BAE 505 Power System Optimization</u>		

<u>BAE 506 Power System Stability & Protection</u>
<u>BAE 507 Electro-mechanical Energy Conversion</u>
<u>BAE 508 Industrial Engineering & Industrial Management</u>
<u>BAE 601 Computer Programming</u>
<u>BAE 602 Computer Network</u>
<u>BAE 603 Software Engineering</u>
<u>BAE 604 Telecommunication Engineering</u>
<u>BAE 605 Engineering Management</u>
<u>BAE 606 Building Service Electrical & Mechanical Engineering</u>
<u>BAE 607 Radio Wave Propagation & Microwave Techniques</u>
<u>BAE 608 Professional Engineer Competency Demonstration Report</u>
<u>ICT 401Advanced Mathematics 1</u>
<u>ICT 402Advanced Mathematics 2</u>
<u>ICT 305Professional Programming (1) C++</u>

Engineering 72 CP+ ICT =12 CP= 84 CP

Year 5

<u>ICT 403</u>	<u>Professional Programming (2) Object Oriented</u>	3
<u>ICT 404</u>	<u>Professional Programming (3) Java</u>	3
<u>ICT 405</u>	<u>Professional Practice (1) Network</u>	3
<u>ICT 406</u>	<u>Professional Practice (2) Website</u>	3
<u>ICT 407</u>	<u>Artificial Intelligence</u>	3

Year 5= Engineering =24 CP+ICT 15 CP= 39 CP\

Total= Yr 1+2 90CP+ Yr 3+4=84CP+ Yr 5= 39 CP=Total 213 CP

Bachelor of Engineering (Civil)

Year (3) Part 1 ADVANCED GENERAL CIVIL ENGINEERING DEGREE LEVEL

Subjects
<u>BAE 401 Advanced Engineering Mathematics</u>

<u>BAE 402 Calculus</u>		
<u>BAE 403 Engineering Mechanics</u>		
<u>BAE 404 Engineering Materials & Thermodynamics</u>		
	<u>General Electrical Knowledge</u>	3
<u>ICT 302</u>	<u>Digital Electronics</u>	3
<u>ICT 303</u>	<u>Amplifier</u>	3
<u>ICT 304</u>	<u>Material Science</u>	
<u>BAE 508 Industrial Engineering & Industrial Management</u>		

[Year \(3\) Part 2 ADVANCED GENERAL CIVIL ENGINEERING DEGREE LEVEL \(18 Pt\)](#)

[BAE421 Building Construction Engineering \(4 pt\)](#)

[BAE422 Estimating \(2 pt\)](#)

[BAE423 Fluid Mechanics \(2 pt\)](#)

[BAE424 Reinforced Concrete \(2 pt\)](#)

[BAE425 Timber Engineering \(2 pt \)](#)

[BAE521 Road & Bridge \(2 pt \)](#)

[BAE522 Rock Mechanics \(2 pt \)](#)

[BAE523 Soil Mechanics \(2 pt \)](#)

[BAE 523A Environmental Engineering](#)

TOTAL 35 Pt

[Year \(4\) Part 1](#)

<u>BAE 601 Computer Programming</u>
<u>BAE 605 Engineering Management</u>
<u>BAE 606 Building Service Electrical & Mechanical Engineering</u>
<u>ICT 401Advanced Mathematics 1</u>

[ICT 402 Advanced Mathematics 2](#)

[ICT 305 Professional Programming \(1\) C++](#)

Year (4) Part 1

(12 Pt)

[BAE621 Structural Engineering \(3 pt \)](#)

[BAE623 Surveying & Traffic Engineering \(2 pt\)](#)

[BAE624 Water Supply , Sanitation & Finishing \(2 pt \)](#)

[BAE 608 Engineering Competency Demonstration Report Writing \(2pt\)](#)

SELF STUDY

[BAE622 Architecture \(3 pt \)](#)

Engineering 72 CP+ ICT =12 CP= 84 CP

Year 5

ICT 403	Professional Programming (2) Object Oriented	3
ICT 404	Professional Programming (3) Java	3
ICT 405	Professional Practice (1) Network	3
ICT 406	Professional Practice (2) Website	3
ICT 407	Artificial Intelligence	3

Year 5= Engineering =24 CP+ICT 15 CP= 39 CP\

Total= Yr 1+2 90CP+ Yr 3+4=84CP+ Yr 5= 39 CP=Total 213 CP

Bachelor of Engineering (Mechanical)

Year (3)

GENERAL APPLIED ENGINEERING (MECHANICAL) DEGREE

Subjects		
<u>BAE 401 Advanced Engineering Mathematics</u>		
<u>BAE 402 Calculus</u>		
<u>BAE 403 Engineering Mechanics</u>		
<u>BAE 404 Engineering Materials & Thermodynamics</u>		
	<u>General Electrical Knowledge</u>	3
<u>ICT 302</u>	<u>Digital Electronics</u>	3
<u>ICT 303</u>	<u>Amplifier</u>	3
<u>ICT 304</u>	<u>Material Science</u>	
<u>BAE 507 Electro-mechanical Energy Conversion</u>		
<u>BAE 508 Industrial Engineering & Industrial Management</u>		
<u>BAE511 Air-conditioning & Refrigeration Part 1</u>		
<u>BAE613 Mechanical Instrumentation Process</u>		
<u>BAE614 Machine Design</u>		
<u>BAE512 Building Service Water Supply System</u>		
<u>BAE511 Air-conditioning & Refrigeration Part 2</u>		
<u>BAE613 Mechanical Instrumentation Process</u>		
<u>ICT 401Advanced Mathematics 1</u>		
<u>ICT 402Advanced Mathematics 2</u>		
<u>ICT 305Professional Programming (1) C++</u>		

Year (4) Part 1 BE (Mechanical + General Related Subjects)

<u>BAE 601 Computer Programming</u>
<u>BAE 602 Computer Network</u>
<u>BAE 603 Software Engineering</u>
<u>BAE 605 Engineering Management</u>
<u>BAE 606 Building Service Electrical & Mechanical Engineering</u>

Year (4) Part 2

Bachelor of Engineering (Mechanical) Specialization (13 pt)

[BAE311 Plant Engineering \(2 pt\)](#)

[BAE312 Design Engineering \(2 pt\)](#)

[BAE313 Environmental Control \(2 pt\)](#)

[BAE314 Mechanical Power Generation \(2 pt\)](#)

[BAE315 Materials Engineering \(2 pt\) Part 1 Part 2](#)

[BAE 608 Engineering Competency Demonstration Report Writing \(3 pt\)](#)

Elective (2 pt)

Subjects	
<u>BAE513 Production Technology</u>	
<u>BAE611 Maintenance Engineering</u>	
<u>BAE612 Engineering Metallurgy</u>	

Engineering 72 CP+ ICT =12 CP= 84 CP

Year 5

<u>ICT 403</u>	<u>Professional Programming (2) Object Oriented</u>	3
<u>ICT 404</u>	<u>Professional Programming (3) Java</u>	3
<u>ICT 405</u>	<u>Professional Practice (1) Network</u>	3
<u>ICT 406</u>	<u>Professional Practice (2) Website</u>	3
<u>ICT 407</u>	<u>Artificial Intelligence</u>	3

Year 5= Engineering =24 CP+ICT 15 CP= 39 CP\

Total= Yr 1+2 90CP+ Yr 3+4=84CP+ Yr 5= 39 CP=Total 213 CP

BE+BMgt

Year 1+2

Advanced Diploma in Engineering 60 credit+
Diploma in Management 30 credits concurrent study

Year 3+4

Bachelor of Engineering (Electrical)

YEAR 3 +4

Subjects
<u>BAE 401 Advanced Engineering Mathematics</u>
<u>BAE 402 Calculus</u>
<u>BAE 403 Engineering Mechanics</u>
<u>BAE 404 Engineering Materials & Thermodynamics</u>
<u>BAE 405 Advanced Circuit Analysis</u>
<u>BAE 406 Electro-mechanics</u>
<u>BAE 407 Advanced Electro-magnetics Field & Materials</u>
<u>BAE 408 Analogue & Digital Electronics</u>
MANAGEMENT
<u>Mgt 301 Electronics Business</u>
<u>Mgt 302 Information Security</u>

[BAE 501 Advanced Power Systems & Power Transmission Networks](#)

[BAE 502 Linear System](#)

[BAE 503 Control System](#)

[BAE 504 Power System Analysis](#)

[BAE 505 Power System Optimization](#)

[BAE 506 Power System Stability & Protection](#)

[BAE 507 Electro-mechanical Energy Conversion](#)

[BAE 508 Industrial Engineering & Industrial Management](#)

MANAGEMENT

[Mgt 303 Management Information System](#)

[Mgt 304 Electronics Commerce](#)

[Mgt 305 Quantitative Methods for Management](#)

[BAE 601 Computer Programming](#)

[BAE 602 Computer Network](#)

[BAE 603 Software Engineering](#)

[BAE 604 Telecommunication Engineering](#)

[BAE 605 Engineering Management](#)

[BAE 606 Building Service Electrical & Mechanical Engineering](#)

[BAE 607 Radio Wave Propagation & Microwave Techniques](#)

[BAE 608 Professional Engineer Competency Demonstration Report](#)

MANAGEMENT

Mgt 306 Human Resources Management

Mgt 307 Marketing Management

Mgt 308 Artificial Intelligence

Yr 3+4 Total Engineering = 72 CP+ Management=24 cp= 96 cp

Total Credit points= 90cp (Yr 1+2)+ 96 cp (Yr 3+4+5)= 186 cp

Bachelor of Engineering (Civil)

Year (3) Part 1 ADVANCED GENERAL CIVIL ENGINEERING DEGREE LEVEL

Subjects
<u>BAE 401 Advanced Engineering Mathematics</u>
<u>BAE 402 Calculus</u>
<u>BAE 403 Engineering Mechanics</u>
<u>BAE 404 Engineering Materials & Thermodynamics</u>
<u>BAE 508 Industrial Engineering & Industrial Management</u>
MANAGEMENT
<u>Mgt 301 Electronics Business</u>
<u>Mgt 302 Information Security</u>

Year (3) Part 2 ADVANCED GENERAL CIVIL ENGINEERING DEGREE LEVEL (18 Pt)

[BAE421 Building Construction Engineering \(4 pt\)](#)

[BAE422 Estimating \(2 pt\)](#)

[BAE423 Fluid Mechanics \(2 pt\)](#)

[BAE424 Reinforced Concrete \(2 pt\)](#)

[BAE425 Timber Engineering \(2 pt \)](#)

[BAE521 Road & Bridge \(2 pt \)](#)

[BAE522 Rock Mechanics \(2 pt \)](#)

[BAE523 Soil Mechanics \(2 pt \)](#)

[BAE 523A Environmental Engineering](#)

MANAGEMENT

[Mgt 303 Management Information System](#)

[Mgt 304 Electronics Commerce](#)

[Mgt 305 Quantitative Methods for Management](#)

TOTAL 35 Pt

Year (4) Part 1

<u>BAE 601 Computer Programming</u>
<u>BAE 605 Engineering Management</u>
<u>BAE 606 Building Service Electrical & Mechanical Engineering</u>
<u>BAE 609 Design Project</u>
Total Credit points in this group

Year (4) Part 1

(12 Pt)

[BAE621 Structural Engineering \(3 pt \)](#)

[BAE623 Surveying& Traffic Engineering \(2 pt\)](#)

[BAE624 Water Supply , Sanitation & Finishing \(2 pt \)](#)

[BAE 608 Engineering Competency Demonstration Report Writing \(2pt\)](#)

SELF STUDY

[BAE622 Architecture \(3 pt \)](#)

MANAGEMENT

[Mgt 306 Human Resources Management](#)

[Mgt 307 Marketing Management](#)

[Mgt 308 Artificial Intelligence](#)

Yr 3+4 Total Engineering = 72 CP+ Management=24 cp= 96 cp

Total Credit points= 90cp (Yr 1+2)+ 96 cp (Yr 3+4+5)= 186 cp

Bachelor of Engineering (Mechanical)

Year (3)

GENERAL APPLIED ENGINEERING (MECHANICAL) DEGREE

Subjects
<u>BAE 401 Advanced Engineering Mathematics</u>
<u>BAE 402 Calculus</u>
<u>BAE 403 Engineering Mechanics</u>
<u>BAE 404 Engineering Materials & Thermodynamics</u>
<u>BAE 507 Electro-mechanical Energy Conversion</u>
<u>BAE 508 Industrial Engineering & Industrial Management</u>
<u>BAE511 Air-conditioning & Refrigeration Part 1</u>
<u>BAE613 Mechanical Instrumentation Process</u>
<u>BAE614 Machine Design</u>
<u>BAE512 Building Service Water Supply System</u>
<u>BAE511 Air-conditioning & Refrigeration Part 2</u>
<u>BAE613 Mechanical Instrumentation Process</u>
MANAGEMENT
<u>Mgt 301 Electronics Business</u>
<u>Mgt 302 Information Security</u>

Year (4) Part 1 BE (Mechanical + General Related Subjects)

<u>BAE 601 Computer Programming</u>

[BAE 602 Computer Network](#)

[BAE 603 Software Engineering](#)

[BAE 605 Engineering Management](#)

[BAE 606 Building Service Electrical & Mechanical Engineering](#)

MANAGEMENT

[Mgt 303 Management Information System](#)

[Mgt 304 Electronics Commerce](#)

[Mgt 305 Quantitative Methods for Management](#)

Year (4) Part 2

Bachelor of Engineering (Mechanical) Specialization (13 pt)

[BAE311 Plant Engineering \(2 pt\)](#)

[BAE312 Design Engineering \(2 pt\)](#)

[BAE313 Environmental Control \(2 pt\)](#)

[BAE314 Mechanical Power Generation \(2 pt\)](#)

[BAE315 Materials Engineering \(2 pt\) Part 1 Part 2](#)

[BAE 608 Engineering Competency Demonstration Report Writing \(3 pt\)](#)

Elective (2 pt)

Subjects
<u>BAE513 Production Technology</u>
<u>BAE611 Maintenance Engineering</u>
<u>BAE612 Engineering Metallurgy</u>

MANAGEMENT

[Mgt 306 Human Resources Management](#)

[Mgt 307 Marketing Management](#)

[Mgt 308 Artificial Intelligence](#)

Yr 3+4 Total Engineering = 72 CP+ Management=24 cp= 96 cp

Total Credit points= 90cp (Yr 1+2)+ 96 cp (Yr 3+4+5)= 186 cp

Bachelor of Engineering Management

To complete Bachelor of Engineering Managements, the following units are required to complete. Total Credit points= 120

	Units	Credit Points
Part 1	<u>General Management</u>	
	Mgt 101 Management	5
	Mgt 102 Performance Management	5
	Mgt 104 Project Management	5
	Mgt 105 Quality Management	5
	Mgt 106 Financial Management	5
	Mgt107 Industrial Risk & Safety Management	5
Part 2	<u>Leadership & Management</u>	
	Mgt 202 Change Management	5
	Mgt 203 Inventory & Budget Management	5
	Mgt 204 Continuous Improvement Management	5
	Mgt 208 Safety Management	5
	Mgt 209 Risk Management	5
	Mgt 211 Leadership	5
	Mgt 213 Conflict Management	5
Part 3	<u>Engineering & Information Management</u>	
	Mgt 210 Professional Development Management	5
	Mgt 303 Management Information System	5
	Mgt 305 Quantitative Methods for Management	5
	Mgt 306 Human Resources Management	5
	BAE606 Building Service Engineering Project	5

	RE007 Energy Efficiency Management	5
	RE016/BAE 508-Design& Management	5
Part 4	Engineering Topics	
	E071 Contract Management	5
	K041 Energy Efficient Building Management	5
	ME 205 Manufacturing Processes-and-Materials	5
	ME 303 Computer Aided Design and Manufacturing	5

Business Management Curriculum

YEAR (1)

Diploma of Management (30 points)

Each 4 Points

Mgt 101 Management
Mgt 102 Performance Management
Mgt 103 Operation Management

Mgt 104 Project Management
Mgt 105 Quality Management
Mgt 106 Financial Management

Mgt 107 Industrial Risk & Safety
Assessment

Mgt 108 Computer Application in
Management (2 points)

Click [HERE](#) to download the study guide

YEAR (2)

Option (1)

Advanced Diploma of Information Technology Management (30 points)

Master of Management (Qualified 1) Course for Business/ Accounting Degree Holders

Study the following units

Each 4 Points

ICT 103 Applied Programming

ICT 105 Systems Analysis and Programs

ICT 106 Software Engineering

ICT 202 Information Systems Principles and Networking

ICT 203 Information Systems, Analysis and Design

ICT 204 Advanced Programming

Mgt 501 Communication Skills & Management Leadership

ICT 104 Program Projects (2 Points)

Option (2)

Advanced Diploma of Management

(30 points)

Master of Management (Qualified 1) Course for Business/ Accounting Degree Holders

Study the following units

Compulsory Units (Each 3 Points)

Mgt 201 Customer Service Management

Mgt 202 Change Management

Mgt 203 Inventory & Budget Management

Mgt 204 Continuous Improvement Management

Mgt 208 Safety Management

Mgt 209 Risk Management

Mgt 210 Professional Development Management

Mgt 211 Leadership

Optional Units (Do any 2 units) (Each 3 Points)

Mgt 207 Business Letter Writing

Mgt 205 Office Management

Mgt 212 Preparing Portfolios

Mgt 213 Conflict Management

Mgt 206 Work-based Training Management

Click [HERE](#) to download the study guide

YEAR (3)

Bachelor of Business (E-Business & Management)

Master of Management (Qualified 2) Course for Business/ Accounting Degree Holders

(60 Points)

The learning system will be based on self study. Read the given references study materials and prepare the project work. You need to read the books in English.

The following units common to MBA course are to be studied.**(Each 5 Points)**

- Mgt 301 Electronics Business
- Mgt 302 Information Security
- Mgt 303 Management Information System
- Mgt 304 Electronics Commerce
- Mgt 305 Quantitative Methods for Management
- Mgt 306 Human Resources Management
- Mgt 307 Marketing Management

- Mgt 308 Artificial Intelligence

To assess ,you need to write the report of 10 pages each on what you have learnt in the unit.

YEAR (4)

Pathway 1- Diploma in Management +Q1/Q2 Stream (Each 10 Points)

- Mgt 401 Management Project
- Mgt 402 Electronics Business Project

For **Master of Management (Thesis)** (120 points after Bachelor degree), the candidates will need to write the thesis

Res 601 Research Methods (Non award unit)

PLUS

Mgt 604 Masters of Management Thesis (120 points)

Pathway 2- Direct entry for IQY Professional Diploma in Management Qualifications Holders

Master of Management

(Course Work)

120 Points after Bachelors Degree

Total Points= 120 Points (Bachelors degree)+120 Points (Masters degree studies)

This program has been developed to fulfil the needs for those who are seeking a degree at the master's level and whom wish to specialize in a particular field of endeavour not usually available as a study option.

The main scope of this program is to emphasize the usual administrative aspects of management at the appropriate master's degree level. The Master of Management is today a professional degree and one of the most popular degree programs in the managerial or administrative fields of endeavour.

Our program has been designed to focus on major study areas of management and administration. The core courses forming the basis of the degree program equips the student with the usual fundamental aspects of management and administration applicable to the master's degree level.

The Graduate Diploma course section is common to all the majors and students must continue a masters study after completion of Graduate Diploma.

-

Graduate Diploma in Management (8 units) (Each 10 Points)

Mgt 501 Organizational Change Management

Mgt 502 Strategic Plans Development & Implementation

Mgt 503 Leadership in Organization

Mgt 504 Innovation & Continuous Improvement

Mgt 505 Risk Management

Mgt 506 Knowledge & Information Management

Mgt 507 Human Resources Management & Strategic Planning

Mgt 508 Employee Relations Management

-

Master Of Management (5 units)

All Graduate Diploma Subjects PLUS

Mgt 601 Logistics Management

Mgt 602 Project Management

Mgt 603 Financial Management

PLUS

Res 601 Research Methods (Non award unit)

Mgt 606 Masters of Management Project

Certificate in Financial Management

Financial Management is an important aspect in Business Management. This course does not train the students to become accountants but it trains the students to understand the financial statements of the company & to assess the financial situation of the company & will be able to perform the financial management.

By doing this course, the students will be able to

- Explain how accounting information assists in making decisions.
- Describe the components of the balance sheet.
- Analyze business transactions and relate them to changes in the balance sheet.
- Compare features of proprietorships, partnerships, and corporations
- Explain how income is measured using both the accrual basis and cash basis accounting methods.
- Use the concepts of recognition, matching, and cost recovery to record revenues and expenses.
- Prepare an income statement and show how it is related to the balance sheet.
- Prepare a statement of cash flows and show how it differs from an income statement.
- Use double-entry accounting.
- Analyze and journalize transactions.
- Post journal entries to the ledgers.
- Prepare and use a trial balance.
- Correct erroneous journal entries and describe how errors affect accounts.
- Use T-accounts to analyze accounting relationships.
- Explain how computers have transformed processing of accounting data
- Explain the concept of the statement of cash flows.
- Classify activities affecting cash as operating, investing, or financing activities.
- Use the direct method to measure cash flow.
- Determine cash flows from income statement and balance sheet accounts.
- Use the indirect method to calculate cash flows from operations.
- Relate depreciation to cash flows provided by operating activities.
- Reconcile net income to cash provided by operating activities.
- Adjust for gains and losses from fixed asset sales and debt extinguishments in the statement of cash flows.
- Use the T-account approach to prepare the statement of cash flows.

Completion of this course can be given the credit in Mgt 106 Financial Management subject in Diploma in Management Course.

Learning Resources

Mgt106-Financial Management.ppt

Mgt106-Financial Management.ppt with audio explanation

Mgt106-Financial Management References.pdf

Mgt 106 Financial Management Questions.pdf

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- Post journal entries to the ledgers.
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- Use the indirect method to calculate cash flows from operations.
- Relate depreciation to cash flows provided by operating activities.
- Reconcile net income to cash provided by operating activities.
- Adjust for gains and losses from fixed asset sales and debt extinguishments in the statement of cash flows.
- Use the T-account approach to prepare the statement of cash flows.

Completion of this course can be given the credit in Mgt 106 Financial Management subject in Diploma in Management Course.

Learning Resources

[Mgt106-Financial Management.ppt](#)

[Mgt106-Financial Management.ppt with audio explanations in English+Myanmar](#)
_____ (278 Megabyte)

[Mgt106-Financial Management References.pdf](#)

[Mgt 106 Financial Management Questions.pdf](#)

IQY Technical College

Diploma in Tourism Management

Course 214467

List of subjects (3 creditsx 10= 30 credits)

- TMGT101 Tourism Management
- TMGT102 Tour Guiding
- TMGT103 Airline Ticketing
- TMGT104 Advertising in Tourism Management
- TMGT105 Cultural awareness in Hospitality and Tourism
- TMGT106 Tourist Safety and Security
- TMGT107 Code of Ethics of Tour Operators
- TMGT108 Global Code of Ethics for Tourism
- TMGT109 Dispute Resolution in Tourism Management
- TMGT110 Destination Attractiveness
- TMGT110 Example
- Work as Tour guide

YEAR (1)

Diploma of Management

Mgt 101 Management
Mgt 102 Performance Management
Mgt 103 Operation Management
Mgt 105 Quality Management
Mgt 106 Financial Management
Mgt 108 Computer Application in
Management

Mgt 107 Industrial Risk & Safety
Assessment

Mgt 104 Project Management

YEAR (2)

Advanced Diploma of Information Technology Management

Study the following units

ICT 103 Applied Programming

ICT 105 Systems Analysis and Programs

ICT 106 Software Engineering

ICT 202 Information Systems Principles and Networking

ICT 203 Information Systems, Analysis and Design

ICT 204 Advanced Programming

ICT 104 Program Projects

Mgt 501 Communication Skills & Management Leadership

Study BAE 508 Industrial Engineering & Industrial Management . You need to read the books in English.

(Focus on Mgt 501 Communication Skills & Mgt 501 Basic Management)

& do the exercises assigned by teacher.

YEAR (3)

Bachelor of Business (E-Business & Management)

The learning system will be based on self study. Read the given references study materials and prepare the project work. You need to read the books in English.

The following units common to MBA course are to be studied.

Mgt 301	Electronics Business
Mgt 302	Information Security
Mgt 303	Management Information System
Mgt 304	Electronics Commerce
Mgt 305	Quantitative Methods for Management
Mgt 306	Human Resources Management
Mgt 307	Marketing Management
Mgt 308	Artificial Intelligence

To assess Level 3, you need to write the report of 10 pages each on what you have learnt in the unit.

YEAR (4)

Mgt 401 Management Project

Mgt 402 Electronics Business Project

Two reports one for Management for (Mgt 303+Mgt 305+Mgt 306) & another for Electronics Business + Marketing (Mgt 301+Mgt 302+Mgt 304+Mgt 307+Mgt 308) subjects are required to be presented.

Each should contain 4000 to 6000 words of how you pursue the study in Management,, Marketing, Electronics Business subjects should be described.

The project should contain management plans, business plan & performance, task, job procedures IT integration etc of the topics of your choices.

Diploma of Management

The Diploma of Management is flexible and open, providing a choice of which common skills are required and by allowing skills to be included from basically any industry area.

Subject List - All 8 Subjects to be completed

BSBWOR501B Manage personal work priorities and professional development

BSBMGT502B Manage people performance

BSBMGT515A Manage operational plan

BSBCUS501B Manage quality customer service

BSBFIM501A Manage budgets and financial plans

BSBLED501A Develop a workplace learning environment

BSBOHS509A Ensure a safe workplace

BSBPMG510A Manage projects

DOCTOR OF BUSINESS ADMINISTRATION (DBA)

Course Outline

Diploma in Doctorate Studies (DDS) IQY Diploma in Doctorate Studies is an academic award consisting of Research Studies and Writing Thesis Dissertation at 360 Credit points in which 240 Credit points are allocated for Masters Degree level academic qualifications and / or comparable professional experiences.

Subjects

- Introduction to Doctoral Studies
- DBA701 Advanced Business Information Systems (10 Credits)
- DBA702 Business Aspect of Industry(10 Credits)
- DBA703 Business Laws(10 Credits)
- DBA704 Business Accounting(10 Credits)
- DBA705 Advanced Business Studies(10 Credits)
- DBA706 Introductory Research(10 Credits)
 - ED433 Scholarly Learning
 - ED434 Reflective Academic Practice
 - ED404 Educational Research
- MAE 601 Research Method (30 Points)
- DBA 801 Thesis (30 Points)+(Completion 10 Credits+ Approval 20 Credits)

St Clements University OR STC Technological University will confer the Doctoral Degree by collaboration with IQY Degree College

Form 311 Bachelor of Business Administration (Legal System)

Objective of the course

When facing the legal cases, many people will not know how to systematically present their cases to the court. Although lawyers are hired, lawyer can only do the legal judgement on the information provided by the client.

The ethics of lawyer prohibits them to construct the case.

In many circumstances, the clients need the assistance provided by someone who can share their feelings , provide the assistance to them in construction of the case and provide the support to present the case to the lawyers and the court.

Diploma in Legal Studies and Administration, Advanced Diploma in Legal Studies and Administration and Bachelor of Business Administration (Legal System) are the courses designed for Para-Legal Professional to provide effective supports to the clients, effective support for the lawyers, legal administration and law office administration.

The courses are not designed for becoming a Licensed Lawyer. But they are designed for Legal Support, Para-Legal , Law Office Support and Legal Business Management.

Course Outline

The students can firstly attend Diploma in Legal Studies and Administration then continue to study Advanced Diploma in Legal Studies and Administration.

Unicode

တရားရေးအမှုများနှင့်ရင်ဆိုင်ရသောအခါလူအများတို့သည်သူတို့၏အမှုများကိုတရားရုံးသို့မည်သို့စနစ်တကျတင်ဆက်ရမည်ကိုမသိရှိကြပါ။

ရှေ့နေများကိုငှားရမ်းထားသော်လည်းရှေ့နေသည်အမှုသည်မှပေးသောသတင်းအချက်အလက်များကိုသာတရားဥပဒေနှင့်အကြိုင်းဝင်မဝင်သုံးသပ်နိုင်ပါ။

ရှေ့နေ၏ကျင့်ဝတ်သည်အမှုတည်ဆောက်ရန်တားမြစ်သည်။

အခြေအနေများစွာတွင်အမှုသည်များသည်သူတို့၏ခံစားချက်များကိုဝေမျှနိုင်သူ၊

အမှုတည်ဆောက်ခြင်းတွင်အကူအညီ ပေး၍ အမှုလိုက်ရှေ့နေများနှင့်

တရားရုံးသို့တင်ပြရန်ကူညီသူတစ် ဦး ဦး ထံမှပေးသောအကူအညီလိုအပ်သည်။

ဥပဒေရေးရာလေ့လာမှုနှင့်စီမံခန့်ခွဲမှုဒီပလိုမာ၊ဥပဒေရေးရာလေ့လာရေးနှင့်စီမံခန့်ခွဲမှုဒီပလိုမာနှင့်စီးပွားရေးစီမံခန့်ခွဲမှုဘွဲ့ (ဥပဒေစနစ်) သည်အမှုသည်များအားထိရောက်သောအထောက်အပံ့များ၊ ရှေ့နေများ၊ ဥပဒေရေးရာအုပ်ချုပ်ရေးနှင့်ဥပဒေများအတွက်ထိရောက်သောပံ့ပိုးမှုများပေးရန် Para-Legal Professional အတွက်ရည်ရွယ်သည့်သင်တန်းများဖြစ်သည်။ ရုံးအုပ်ချုပ်ရေး။ လိုင်စင်ရရှေ့နေတစ်ယောက်ဖြစ်လာရန်ရည်ရွယ်ထားခြင်းမဟုတ်ပါ။ သို့သော်၎င်းတို့သည် Legal Support၊ Para-Legal၊ ဥပဒေရုံးအထောက်အပံ့နှင့်ဥပဒေရေးရာ စီးပွားရေးစီမံခန့်ခွဲမှုအတွက် ရည်ရွယ်သည်။

သင်တန်းအစီအစဉ်

ကျောင်းသားများသည်ပထမ ဦး ဆုံးဥပဒေရေးရာနှင့်အုပ်ချုပ်ရေးဒီပလိုမာသို့တက်ရောက်နိုင်ပြီး၊ နောက်မှဥပဒေသင်ကြားမှုနှင့်အုပ်ချုပ်ရေးတွင်အဆင့်မြင့်ဒီပလိုမာ/ စီးပွားရေးစီမံခန့်ခွဲမှုဘွဲ့ (ဥပဒေစနစ်) ကိုဆက်လက်လေ့လာနိုင်သည်။

ချီးမြှင့်မည့်လက်မှတ်

ဩစတြေးလျတွင်စီးပွားရေးနာမည်မှတ်ပုံတင်ထားပြီးနိုင်ငံတကာဥပဒေဥပဒေကျောင်းများ၏ အသင်းဝင်ဖြစ်သော IQY Technical Collegeနှင့် ဩစတြေးလျတွင်စီးပွားရေးနာမည် မှတ်ပုံတင်ထားပြီး UNESCO/ILO အသိအမှတ်ပြု International Association for Education and Vocational Guidance အသင်းဝင်ဖြစ်သော IQY Degree Collegeမှ စီးပွားရေးစီမံခန့်ခွဲမှု ဘွဲ့ (ဥပဒေစနစ်) ချီးမြှင့်မည်။

ဥပဒေအသေးစိတ်လေ့လာလိုသူများအတွက်ဖိုးဖြူဥပဒေကျောင်းသို့ LLB/LLM တက်ရန် ရည် ညွှန် လိမ့်မည်။

Diploma in Legal Studies and Administration

List of Subjects

- ☐ LA101 Myanmar Penal Code
- ☐ LS102 Myanmar Code Criminal Procedure
- ☐ LS201A Defending in lawsuit ☐ Ls201B Jurisprudence
- ☐ LS202 Anti Corruption Law

- ☐ LS203 Telecommunications Law
- ☐ LS204 Defamation International Standards
- ☐ Mgt 101 Management

Advanced Diploma in Legal Studies and Administration

List of Subjects

LS301 Public Safety Law

- ☐ LS 301 A Civil Servant Code
- ☐ L:S301B Community Security
- ☐ LS301C Ethics
- ☐ LS301D Freedom of Judges and Lawyers
- ☐ LS301E Human Trafficking
- ☐ LS301F Humanity Work/ Protection of Violence
- ☐ LS301G Legal Defence ☐ LS301H Policing
- ☐ LS301I Safety in Education
- ☐ LS301J Safety Protection Training
- ☐ LS301K School Security
- ☐ LS301L Urban Safety
- ☐ LS301M Working at Company
- ☐ Mgt 201 Customer Service Management
- ☐ Mgt 205 Office Management
- ☐ Mgt 213 Conflict Management

LS302 Industry Law

- ☐ LS302A Leave and Holiday Law
- ☐ LS302B Employment Contract
- ☐ LS302C Equal Employment Right
- ☐ LS302D Factory Work
- ☐ LS302E Factory Act
- ☐ LS302F Code of Conduct
- ☐ LS302G Human Right
- ☐ LS302H Environmental Assessment
- ☐ LS302I Payment Law
- ☐ LS302J Dispute Settlement Law
- ☐ LS302K Shop and Office Place Law
- ☐ LS302L Shop Establishment
- ☐ LS302M Social Security Rule
- ☐ LS302N Worker Compensation
- ☐ Mgt 201 Customer Service Management
- ☐ Mgt 205 Office Management
- ☐ Mgt 213 Conflict Management

LS303 Community & Health Care Law

- ☐ LS303A Aged Care
- ☐ LS303B Caring Protection and Support Training

- ☐ LS303C Citizenship Duty and Responsibility
- ☐ LS303D Disaster Protection Community Approach
- ☐ LS303E Community Lesson
- ☐ LS303F Domestic Service
- ☐ LS303G Disaster Protection
- ☐ LS303H Health Care of Moving People
- ☐ LS303I Homecare and Domestic Assistant
- ☐ LS303J Laboratory Rule
- ☐ LS303K Mental Health
- ☐ LS303L Hospital Safety
- ☐ LS303M Welfare Tasks
- ☐ Mgt 201 Customer Service Management
- ☐ Mgt 205 Office Management
- ☐ Mgt 213 Conflict Management

- ☐ WS3001Management for Bachelors Degree

[Advanced Legal Studies](#)

- ☐ LLB630 Civil Litigation Practice
- ☐ LLB634 General Law Practice

IQY Technical College Masters Degree Programs

Myanmar Version _____ English Version List of EE/CE/ME/RE/ICT Subjects

IQY Technical College သည် STC Technological University/ St Clements University/ IPTEM Technological University များ၏ Masters Degree များကို Engineering, Information Technology, Management, Humanities, Education လေ့လာမှုများအတွက်လည်းသင်ပါသည်။

Masters Degree in Engineering ကိုအောက်ပါအစီအစဉ်၌လည်းသင်ပါသည်။

1. Master of Engineering Practice
2. Master of Engineering Science
3. Master of Engineering

Master of Engineering Practice သည်အလုပ်အတွေ့ အကြုံရှိအင်ဂျင်နီယာများအတွက်ဖြစ်သည်။

IQY Year 4 Professional Diploma/BE ပြီးသူများအတွက်၌ ရအင်ဂျင်နီယာလေ့ကျင့်ရေး (Year 5/6 Graduate Engineer Training) တွင်ပါဝင်သောဘာသာများကိုလည်းထဲသွင်းထားသည်။

Electrical/Civil/Mechanical /Renewable Energy သာမကအခြားလိုင်းများအတွက်လည်းသင်သည်။

Course Work 8 Subjects (Graduate Diploma in Engineering Practice) + Project (BAE709) (For Master of Engineering Practice) ပြီးရန်လိုသည်။

Self study online program ဖြစ်ပြီး Assignment/ Project /Study Report/ Analysis/ Experience Presentation/ Design Works /Job Record Presentation စသည်တို့ ကိုအဓိကထားသည်။

Master of Engineering Practice ပြီးသူတို့သည် 5 Years Experience ရှိပါက The Society of Professional Engineers (UK and International) ၏ Member (MSPE-UK & International) နှင့်

Professional Engineer (UK and International) (PEng(UK and International)) လျှောက်နိုင်သည်။

Master of Engineering Practice is for experienced engineers . It will include the following subjects of 10 credits each

- BAE 701 Engineering Fundamental
- BAE 702 Engineering Management
- BAE 703 Leadership & Human Resources Management
- BAE 704 Risk Management & Industrial Safety

- BAE 705 Engineering Competency Development
- BAE 706 Engineering Report Writing
- BAE 707 Engineering Ethics
- BAE 708 Engineering Knowledge

Completion of the above subjects will earn Graduate Diploma in Engineering Practice (80 credits at Masters level +120 Credits for Bachelors degree level total 200 credits. Completion of two or more units can earn Graduate Certificate in Engineering.

The candidate will need to do BAE 709 Engineering Design Project of 40 credits to complete Master of Engineering Practice of 240 credits.

Master of Engineering Science/Master of Engineering

သည် ကျောင်းဆင်းစ BE များ၊အလုပ်အတွေ့ အကြံမရှိသေးသောအင်ဂျင်နီယာများ အတွက် ဖြစ်သည်။ Electrical, Civil. Mechanical အတွက် 24 Subjects အခြားလိုင်းများအတွက်သင် ရိုးပါအတိုင်းပြီးစီးက Master of Engineering Science ရမည်။ထို့ နောက် Thesis (BAE709A) ပြီးစီးက Master of Engineering ရမည်။

Self study online program ဖြစ်ပြီးပျမ်းမျှတစ်လလျှင်တစ်ဘာသာနှုန်းဖြင့် 20 pages လေ့လာမှု အစီရင်ခံစာကိုဘာသာတိုင်းအတွက်ရေးသားတင်ပြရမည်။

လေ့လာမှုအစီရင်ခံစာတွင်အောက်ပါတို့ ပါဝင်ရမည်။

- နေ့စွဲ၊လေ့လာသောအခန်းများ၊
- အဓိကအချက်များ၊အခြေခံသဘောတရား၊ဆက်စပ်မှုများ၊ညီမျှခြင်း၊ဖော်မြူလာ၊ပုံများ၊
- လက်တွေ့ သုံးခြင်းများ၊
- Powerpoint ပုံစံတင်ပြသောအနှစ်ချုပ်မှတ်စုများ။
- ကိုယ်ပိုင်ထင်မြင်ယူဆသုံးသပ်ချက်များ။

There are 24 units in Masters Program, the candidate will need to complete one unit per month so that the whole program will be completed within 24 months. (120 credits at Masters level and 120 Credits for Bachelors degree total 240 credits) to complete Master of Engineering Science, then submit the thesis to complete Master of Engineering.

Completion of the 12 subjects will earn Graduate Diploma in Engineering Practice (60 credits at Masters level +120 Credits for Bachelors degree level total 180 credits. Completion of two or more units can earn Graduate Certificate in Engineering.

ELECTRICAL

Part 1 Course Work

Any 24 subjects can be selected .

- (1) BAE 658-Real-time Systems
- (2) BAE 665-Fabrication Engineering at the Micro and Nanoscale
- (3) BAE 655-Wireless Communications.
- (3A) BAE 671-Satellite Communications and Navigation Systems
- (4) BAE 665-Embedded Digital Signal Processing Systems
- (5)BAE 657-Advanced Electromagnetics Applications
- (6)BAE 676-Failure Analysis
- (7)BAE 673-Frequency Stability
- (8) MEE11-High Speed A-D Converters
- (9) MEE2-Advanced Electric Power Engineering

- MEE9-Handbook of Power System Engineering-.pdf (11.57MB)
- (10)MEE12-Iterative Learning Control

- (11) BAE 664-Distributed Generation in Power System
- (12) BAE 675-Nanoelectronics
- (13) MEE1-Electric Distribution Systems
- (14) BAE 674-Intelligent Systems
- (15) MEE13-Non linear control

- (16) BAE 656-Advanced Digital Signal Processing and Noise Reduction**
- (17) BAE 677-Photovoltaic Systems**
- (18) BAE 660-Control Engineering**
- (19) BAE 659-Computer-aided Control Systems**
- (20) MEE7-EMI Filter Design**
- (21) BAE 661-Design of Electrical Services for Buildings**
- (22) BAE 670-Power System Engineering**
- (23) MEE10-High Performance Control of AC Drives**
- (24) BAE 667-Industrial Control System**
- (25) MEE14-System Engineering Concepts**
- (26) MEE6-Electronics+Power Electronics+Opto Electronics+Microwave+Radar**
- (27) BAE 666-Generating Electricity in a Carbon Constrained World**
- (28) BAE 669-Power Electronics and Instrumentation Engineering**
- (29) BAE 663-Advanced Digital Electronics**
- (30)MEE8-Flexible Power Transmission**
- (31) BAE 668-Photonics**
- (32) MEE3-Electric Power Transmission System Engineering**
- (33) BAE 672-Industrial& System Engineering**
- (34) MEE5-Electro Optics**
- (35) MEE4-Electricity Power Generation**
- (36) BAE 662-Design of Rotating Electrical Machines**

Part 2 Thesis

BAE709A Master of Engineering Thesis

CIVIL

Part 1 Course Work

All 24 subjects must be completed.

- (1) BAE 654-Theory & Design of Bridges
- (2)BAE 653-Surveying
- (3) BAE 652-Structural Analysis
- (4) BAE 649-Soil & Rock Mechanic
- (5)BAE 651-Strom & Waste Water
- (6) BAE 650-Steel Design.pdf
- (7) BAE 648-Railways Bridges
- (8)BAE 646 Highway Engineering
- (9) BAE 647-Piling Engineering
- (10) BAE 645-Geotechnics
- (11) BAE 642-Design of Reinforce Concrete
- (12) BAE 644-Estimating
- (13) BAE 643-Earthquake Resistant Structure
- (14) BAE 638-Construction Drawing
- (15)BAE 641-Construction Site Planning
- (16) BAE 640-Construction Mathematics.
- (17) BAE 639-Construction Materials
- (18) BAE 634-Building Construction
- (19) BAE 637-Composite Structure of Steel & Concrete
- (20) BAE 636-Building Technology Electrical Mechanical System
- (21) BAE 635-Building Survey
- (22) BAE 633-Bridge Construction
- (23) BAE 632-Architectural Design
- (24) BAE 631-Advanced Concrete Technology

Part 2 Thesis

BAE709A Master of Engineering Thesis

MECHANICAL

Part 1 Course Work

Any 24 subjects to be completed.

- (1) BAE 694-Control Engineering
- (2) BAE 682-Assembly Automation & Product Design
- (3) BAE 688-Manufacturing & Management.
- (4) BAE 692-Metallurgy
- (5) BAE 689A-Mechanical Design
- (6) BAE 686-Electro-Mechanical Manufacturing Process
- (7) BAE 683-Material engineering
- (8) BAE 693-Piping System
- (9) BAE 689B-Mechanical Design
- (10) BAE 625- Structural Engineering Mechanics
- (11) BAE 696-Specification Development
- (12) BAE 698-Thermal Engineering
- (13) BAE 699-Rotating Machinery Vibration
- (14) BAE 678A-Machine Design
- (15) BAE 684-Computerised Engine Control
- (16) BAE 678B-Machine Design
- (17) BAE 685-Electric Vehicle Technology
- (18) BAE 695-Random Vibration
- (19) BAE 691-Mechatronics
- (20) BAE 680-Quality Control
- (21) BAE 690-Mechanical Estimating
- (22) BAE 679- Materials Science
- (23) BAE 681- Welding Engineering.
- (24) BAE 679-Composite Materials & Joining Technology
- (25) BAE 687-Lasers in Manufacturing
- (26) BAE 697-Structural Foundation Design

Part 2 Thesis

BAE709A Master of Engineering Thesis

RENEWABLE ENERGY

Part 1 Course Work

The following 10 subjects to be completed.

Each 10 credits and total 100 credits to get Graduate Diploma

- (1) RE511- Sustaining Earth Energy resources
- (2) RE510- Water Conservation
- (3) RE509- Applied Photovoltaics
- (4) RE508- Solar Hydrogen Energy System
- (5) RE507- Offshore Wind Turbines Part 1
RE507- Offshore Wind Turbines Part 2
- (6) RE505- Green Building Design
- (7) RE504- Engineering Solution for Sustainability
- (8) RE503- Energy Management in Industrial and Commercial Facilities
- (9) RE502- Biomass Gasification
- (10) RE 501-Control of Solar Energy System

INFORMATION TECHNOLOGY

Part 1 Course Work

The following 8 subjects to be completed

Each 10 credits, total 80 credits to complete Graduate Diploma

- (1) Programming (ICT 601)
- (2) E-Commerce (ICT 602)
- (3) Multimedia Systems (ICT 604)
- (4) Database Systems (ICT 502)
- (5) Applied Computing I (ICT 505)
- (6) Applied Computing (ICT 506)
- (7) Software Engineering (ICT 603).zip (90.71MB)

The following two Electrical (Computer) subjects must be completed

Each 5 credits. Two combined units 10 credits

- (8) BAE658 Real Time Systems + BAE 674 Intelligent Systems

BAE 658-Real-time Systems

BAE 674-Intelligent Systems

Part 2 Thesis

BAE709B Master of Applied Science (Information Technology) Thesis

ENGLISH VERSION

(1) Master of Engineering Practice (240 credits, 120 credits for BE degree)

Master of Engineering Practice is for experienced engineers . It will include the following subjects of 10 credits each

- BAE 701 Engineering Fundamental
- BAE 702 Engineering Management
- BAE 703 Leadership & Human Resources Management
- BAE 704 Risk Management & Industrial Safety
- BAE 705 Engineering Competency Development
- BAE 706 Engineering Report Writing
- BAE 707 Engineering Ethics
- BAE 708 Engineering Knowledge

Completion of the above subjects will earn Graduate Diploma in Engineering Practice (80 credits at Masters level +120 Credits for Bachelors degree level total 200 credits. Completion of two or more units can earn Graduate Certificate in Engineering.

The candidate will need to do Engineering Design Project of 40 credits to complete Master of Engineering Practice of 240 credits

(2) Master of Engineering (240 credits, 120 credits for BE degree)

Masters of Engineering program is for recent graduates who have completed their BE degrees.

It will include the following 24 subjects of 5 credits each

The students will have to write 20 pages study progress report for each of the subjects outlined below.

The report needs to include

- Date and chapters that the candidate reads (The student will need to read the book
- at least 4 days per week)

- Highlight the key concepts, key formula, key theory & practical application concepts .
- Notes of the topic that you read.
- Key diagrams, formula, problem solutions
- Powerpoint slides to express the key topics

There are 24 units in Masters Program, the candidate will need to complete one unit per month so that the whole program will be completed within 24 months. (120 credits at Masters level and 120 Credits for Bachelors degree total 240 credits) to complete Master of Engineering Science, then submit the thesis to complete Master of Engineering.

Completion of the 12 subjects will earn Graduate Diploma in Engineering Practice (60 credits at Masters level +120 Credits for Bachelors degree level total 180 credits. Completion of two or more units can earn Graduate Certificate in Engineering.

LIST OF SUBJECTS

Please see above

Diploma in Doctorate Studies (DDS)

IQY Diploma in Doctorate Studies is an academic award consisting of Research Studies and Writing Thesis Dissertation at 360 Credit points in which 240 Credit points are allocated for Masters Degree level academic qualifications and / or comparable professional experiences.

The candidates who have completed MAE 601 Research Method (30 Points) and their thesis proposal are accepted will be awarded IQY Master Diploma in Research Studies (270 Credit Points).

The candidates who have completed MAE602 Thesis (30 Points) but have not submitted it to St Clements University will be awarded IQY Diploma in Doctorate Studies (300 Credit Points)

Only St Clements University will confer the Doctoral Degree while IQY Technical College will provide the facilitation and successful candidates will be issued with BAE801 Thesis Dissertation Assessment and Defence (60 Points) when the success is notified by St Clements University. In the case of failure to meet the quality of dissertation, St Clements University's Diploma in Doctorate Studies or other relevant award can be issued and Doctorate degree award fees will not be charged.

IQY Technical College will issue Letter of Congratulation for having been successful in PhD.

Doctoral Research Studies

IQY Master Diploma in Research Studies

<http://www.highlightcomputer.com/iQYDDS.pdf>

Dissertation for Doctorate

MAE 601 Research Method (30 Points)

MAE602 Thesis (30 Points)

[http://www.filefactory.com/file/111r1k0ftawt/n/11.Research+Thesis_\(ICT_605\).zip](http://www.filefactory.com/file/111r1k0ftawt/n/11.Research+Thesis_(ICT_605).zip)

BAE801 Thesis Dissertation Assessment and Defence (60 Points)

MAE601 Research Method

This course guides the student, step by step, through the research process, from problem selection through writing up results. It provides all of the basics necessary to complete a research project in any discipline.

Outline. The following aspects are reflected in this course:

What is research?

Tools of research

The problem: the heart of the research process

Review of the related literature

Planning your research design

Writing the research proposal

Qualitative research

Historical research

Descriptive research

Experimental and causal - comparative designs

Statistical techniques for analyzing quantitative data

Technical details: style, format, and organization of the research report

Doctoral Research Proposal

Synopsis: Research students are expected to present a written research proposal within three months after commencement. The proposal is handed in to the study leader.

Assessors of this proposal are selected by the faculty for their understanding of the field and the research involved. The purpose of a research is to set out a plan for conducting the research and writing the dissertation within the available time. It should take account of the availability and guidance of the study leader.

The starting point for a research proposal is the topic, which is the field of interest in which the research is to be carried out. In introducing the topic, the proposal should clarify the field that it falls into and the specific part that field which the research will explore.

It should clarify why the topic is of interest and importance, and how the proposed research will contribute to the field of knowledge or profession. The proposal should clarify the research questions, ensuring that these are specific and answerable.

It is important to show how these questions relate to the topic are, and how they will advance the student's contribution. The proposal should detail the research to be carried out, and clarify the research methods, the timeframe and the reasons for selecting particular methods.

Where a period of literature review or research should precede any empirical research, this should be factored in as part of the research. It is important to estimate any periods of field research and to flag their duration and cost in your research proposal.

MAE 602 Thesis

Thesis Dissertation for Doctorate

Candidates need to complete a 60000-words dissertation (in Myanmar or English) and a 3000-words executive portfolio (in English).

This program requires the candidates to complete a thesis as part of the assessment for the Doctorate

Doing a thesis / dissertation means that instead of knowledge and information being presented and following a prescribed route for answering questions, candidates are thrust into an active role of managing an investigation into a topic area. This means researching and

discovering things for themselves.

They will have to set their own targets and parameters, pose their own central research questions and decide on the appropriate sources of information to support the research. It therefore requires the use of the higher-level cognitive skills of analysis, synthesis and evaluation. Candidates may choose an area of particular interest to them within the scope of course title.

BAE801 Thesis Dissertation Assessment and Defence (60 Points)

Doctoral dissertation

A dissertation is an individual effort and the candidate, academic tutor and the course professor will work together on constructing an approved topic (research question) and methodologies.

Dissertation Defence for doctorate

It is expected of Doctoral candidates to defend their thesis by means of a colloquium (academic discussion). The purpose of the meeting is for the candidates to convince a panel of experts in the field of the dissertation how well they have done in the conducting of their research study and the preparation of their dissertation

Candidates need to complete all course assessments with the results of Grade B+ or above.

Master of Management

This program has been developed to fulfill the needs for those who are seeking a degree at the master's level and whom wish to specialize in a particular field of endeavor not usually available as a study option.

The main scope of this program is to emphasize the usual administrative aspects of management at the appropriate master's degree level. The Master of Management is today a professional degree and one of the most popular degree programs in the managerial or administrative fields of endeavor.

Our program has been designed to focus on major study areas of management and administration. The core courses forming the basis of the degree program equips the student with the usual fundamental aspects of management and administration applicable to the master's degree level.

The Graduate Diploma course section is common to all the majors and students must continue a masters study after completion of Graduate Diploma.

Graduate Diploma in Management (8 units)

Mgt 501 Organizational Change Management

Mgt 502 Strategic Plans Development & Implementation

Mgt 503 Leadership in Organization

Mgt 504 Innovation & Continuous Improvement

Mgt 505 Risk Management

Mgt 506 Knowledge & Information Management

Mgt 507 Human Resources Management & Strategic Planning

Mgt 508 Employee Relations Management

Master Of Management (5 units)

All Graduate Diploma Subjects PLUS

Mgt 601 Logistics Management

Mgt 602 Project Management

Mgt 603 Financial Management

PLUS

Res 601 Research Methods

PLUS

Mgt 604 Thesis

Master of Accounting

(STC Technological University/ St Clements University Myanmar College)

Self study with Study Report Program

Total 240 Credits.

24 units with each 10 credits to be completed

Part 1 (Select any 12 units)

BACC601 Accounting Theory

BACC602 Accounting & Information Processing

BACC603 Cost Accounting

BACC604 Managerial Accounting

BACC605 Budgeting and Decision Making

BACC606 Cost Analysis

BACC607 Accounting Reporting

BACC608 Financial Econometrics

BACC609 Income Measurement

BACC610 Process and Activity-Based Costing

BACC611 Accounting Information

BACC612 Job Costing

BACC613 Assets

Graduate Diploma in Accounting will be completed

Part 2 (Select any 12 units)

MACC701 Budgeting and Planning

MACC702 Financial Analyses

MACC703 Strategic Financial Management

MACC704 Accounting Cycle

MACC705 Dynamic Costing

MACC706 International Financial Reporting

MACC707 Liabilities and Equity

MACC708 Financial Decision-Making

MACC709 Corporate Valuation

MACC710 Managerial Decision Making

MACC711 Corporate Finance Governance

MACC712 Capital and Strategic Debtor Management

MACC713 Enterprise Performance Evaluation

MACC714 Assets Management

Professional Diploma in Mechanical Engineering and Management

www.iqytechnicalcollege.com/ProfDipMechEnggMgtOutline.pdf

This program is mixture of Mechanical Engineering and Management. The graduates can either work as Mechanical Engineer or Project Manager

Advanced Diploma in Mechanical Engineering and Management

Advanced Diploma in Mechanical Engineering

30 Credit Points in Engineering units Each 2 Points

Maths 101 Engineering Mathematics

ME101 Applied Mathematics

ME106 Electrical Circuits

ME201 Introduction to Fluid Mechanic

ME103 Engineering Mechanics

ME107+ME102 Thermodynamics and Heat Transfer

ME108 Principle of Engines (Self Study)

ME203 Control Engineering

ME205 Manufacturing Processes and Materials (Self Study)

ME634 Pnuematics (Self Study)

ME334 Air-conditioning and Refrigeration (Self Study)

ME434 Mechatronics and Robotics (Self Study)

EE102+ME105 Electrical Workshop

ME305 Corrosion Protection (Self Study)

CE111 Drawing

30 Credit Points in Management units

Advanced Diploma in Management

Mgt 101 Management (4 pt)

Mgt 102 Performance Management (4 pt)

Mgt 103 Operation Management +Mgt 107 Industrial Risk Assessment
(4 pt)

ICT 104 Mgt 104 Program Project +BAE 508 Project Management

(6 pt)

Mgt 105 Quality Management (4 pt)

ICT 107 Business Information Systems (4 pt)

Mgt 108 Computer Application in Management (4 pt)

THS graduates will need to do self study in some mechanical units .

Advanced Diploma in Mechanical Engineering and Management will be completed

Professional Diploma in Mechanical Engineering and Management

PART 1-Engineering (9 points)

Professional Diploma in Engineering (Year 3) (9 points for Engineering)

Complete BAE units by personal attendance and RE units by self study

1 BAE 401 Advanced Engineering Mathematics (2 pt)

2 BAE 402 Calculus (2 pt)

3 BAE 403 Engineering Mechanics (2 pt)

4 BAE 404 Engineering Materials & Thermodynamics (3 pt)

PART 2-Management (21 points)

Complete any 7 units at each 3 points

Complete

<http://www.iqytechnicalcollege.com/advdipmgt.htm>

Mgt 201 Customer Service Management

Mgt 202 Change Management

Mgt 203 Inventory & Budget Management

Mgt 204 Continuous Improvement Management

Mgt 205 Office Management

Mgt 206 Work-based Training Management

Mgt 207 Business Letter Writing

Mgt 208 Safety Management

Mgt 209 Risk Management

Mgt 210 Professional Development Management

Mgt 211 Leadership

Mgt 212 Preparing Portfolios

Mgt 213 Conflict Management

Professional Diploma in Mechanical Engineering & Management (Year 4)

(30 points)

Professional Diploma in Mechanical Engineering

Complete 10 units at 30 Points

RE011a Civil and Mechanical Engineering (3 pt)

BAE606 Building Services Electrical and Mechanical Engineering(3 pt)

BAE314 Power Generation (3 pt)

BAE423 Fluid Mechanics(3 pt)

BAE512 Building Services Water Supply System (3 pt)

RE014 Electronics Control (3 pt)

BAE601 Computer Programming (3 pt)

BAE605 Management (3 pt)

BAE508 Project Management (3 pt)

BAE608 Engineering Competency Report (3 pt)

Professional Diploma in Mechanical Engineering and Management will be completed