

Objectives and Detailed Contents of other programs

Objectives

Master of Information Technology

This degree is designed for the experienced professionals who wish to develop their skills and knowledge as Information Technology.

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.

Master of Engineering

This course aims to provide both engineering fundamental knowledge and engineering application practice for Professional Engineer.

It is also designed for the experienced professionals who wish to develop their skills and knowledge as Information Technology and Engineering professionals.

Doctoral Study in various disciplines

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.

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

It also develop the skills in writing the Doctoral dissertation which 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.

It is a research degree is an advanced study program that gives you an opportunity to deeply explore a topic of student's choice and the expertise of their supervisors.

Research degree candidates are driven by naturally inquiring minds, and have a passion to solve problems and advance humanity. A research degree allows the students to conduct their own, unique research, and produce new knowledge and expertise that is innovative, relevant, and enlightened.

Research degrees equip graduates with the transferable skills and attributes necessary for challenging and diverse roles in industry, government and business, as well as in research and academic organisations.

A research degree is a true mark of endeavour, providing the student with the training and skills necessary for a career in academia and beyond.

Rural Development Engineering and Agricultural Engineering (Diploma/ Bachelors Degree)

Objective of the course

This course aims to provide the necessary skills required for people in rural areas to perform the followings

- Agricultural Foods Production and Animal Handling
- Building Construction, Drawing, Water Supply, Road and Bridge Construction, Irrigation
- Electrical Supply & Solar Electrical Supply System
- Hydraulics
- Machine Repair, Welding and Machining
- Water Chemical Treatment
- Transportation & Logistics

Course Structure

The course consists of Civil, Electrical and Mechanical Engineering principle together with Transportation, Logistics and Agricultural Foods Production.

Outcome of the course

After having completed this course, the attenders can perform rural developmental engineering basic works in their regions.

Engineering Disciplines apart from Electrical/Civil/Mechanical

The same objectives as to Electrical/Civil/Mechanical Diploma and Degree Studies. The specialized engineering contents are added to acquire the skills and knowledge related to chosen engineering specialist study.

Master Diploma in Education/ Master of Education

Course Overview

This program is designed to develop and support the careers of teachers who are teaching professionals, educational administrators, researchers and policymakers.

The students can choose to complete your course with units of study that suit your interests from our field offerings which are engineering education and school and vocational education.

Graduate Attributes

Demonstrate expert, specialised and technical knowledge in broad educational areas of pedagogy, assessment and curriculum designed to address the needs of diverse learners across a range of educational contexts related to engineering education or school and vocational education.

Demonstrate an advanced understanding of theory and practice in specialised disciplines within the field of education in national and/or international contexts in engineering education or school and vocational education.

Analyse critically, reflect on and synthesise information to solve complex problems in the educational field

Conduct independent research and inquiry, involving theoretical conceptualisation, innovative ideas and personal initiative in engineering education or school and vocational education

Demonstrate professional leadership through interpreting and communicating pedagogical knowledge and professional skills to specialist

and non-specialist audiences in engineering education or school and vocational education

Professional Diploma in Technical Teaching

(Training, Assessment & Learning Management)

www.highlightcomputer.com/ProfDipTechTchg.pdf

Objective of the course

This Professional Diploma in Technical Teaching (Training, Assessment & Learning Management) is designed as Teachers Education Professional Development for teachers in Government Technical Colleges, Technological Universities and other Vocational Education and Training Institutions in Myanmar to upgrade their skills and knowledge in training and assessment, curriculum design and development, management of technical training institutions, adult and vocational education and training, assessment validation and current accreditation rules and requirements of Myanmar Engineering Council as well as current training and assessment practices of overseas industrialized countries.

Learning Outcomes

After completion of the levels of the training programs, the students should be able to

- Understand adult learning principles in technical education and training contexts
 - Apply the skills in training, assessment, course development, curriculum development, learning management and management of technical training institutions.
 - Understand the accreditation requirements of Myanmar Engineering Council in accredited engineer, technologist and technician education & prepare for the compliance processes.
 - Understand the technology, science and mathematics teaching & educational pedagogies principles of outcome based education and effectively utilize them in the workplace
 - Provide effective work-based learning & career development for the working people in industries and apply the various ways of assessing the competences
- Components of the course
- Educational theories, educational technology, teaching and learning, teaching and measuring.

- Lesson planning, interpreting curriculums, class room management, instruction and assessment design, training principle, competency based training and assessment integrated the competencies of Australian Training and Assessment (TAE40110) course
- Management of educational establishment in line with the accreditation requirements of Myanmar Engineering Council by customizing the competencies in Australian Vocational Education and Training Diploma (TAE50111) to be relevant to the requirements of Myanmar Vocational Education and Training .
- Postgraduate level educational knowledge related to Learning Technology, Technology in classrooms, educational leadership, leadership and change management , computer supported learning and distance education,
- Teaching practicum preparation at different levels of training

Preparation for Teaching Practice & TVET Teacher Training (Introductory 2 weeks course)

Course Outline

This two weeks course is designed as Technical Teacher Education Professional Development course for teachers working at Government Schools, Private Schools, TVET Centres, Voluntary Schools as well as Government Technological Universities and Technical Colleges to effectively design, teach and assess the quality learning programs at upper secondary, TVET and tertiary technical education sectors.. Aim of the course To provide the training to the technical education teachers to understand and apply the principles of secondary and adult & vocational education outcome based education, competency based training. compliance with Qualification & Training Authority-such as Ministry of Education/TVET Council etc , Educational Regulations and Standards by taking part in intensive workshop focussing on curriculum development and assessment documents portfolio preparations for meeting the relevant educational standards.

Outcome of the course

After completion of this course, the participant will be able to

- Understand the objective of National Education Strategic Plan 2016 to 2021 of Myanmar.
- Understand and utilize the principle & features of Outcome based education & critical thinking
- Understand the Technical & Vocational Education, Work based Learning and Competency based training & assessment tasks.

- Acquire the knowledge on Competency based education and training and training packages being used in industrialized countries (Examples of Australian Standard Competency based vocational education & training system.
- Get the information & knowledge on Current issues related to international & Myanmar TVET .
- Participate in hand on practice workshop focussing on curriculum development & collecting and preparing the materials for educational quality control tasks.
- Explore the School , Technical ,Adult & Vocational Educational Literatures, Textbooks, References & Resources, e-Learning, Learning Technology & Technology in classroom resources knowledge sharing.
- Certificate/Diploma of Teaching Practice & Certificate/Diploma of Vocational Education & Training will be issued. Target Group
- TVET Teachers, Voluntary School Teachers, Government & Private Vocational / Engineering Education Teachers.

PROFESSIONAL DIPLOMA IN SCHOOL & VOCATIONAL EDUCATION)

(BACHELOR OF EDUCATION (SCHOOL & VOCATIONAL EDUCATION)

This course aims to provide the teacher education theories and practical applications in school and vocational education classes.

Principles of teaching , learning , training and assessment are combined with instruction design methodologies and knowledge related to learning environment.

Modern learning technologies and technology in classroom contexts are added..

Teachers who are working in voluntary schools can be provided with necessary teaching and training knowledge to work as qualified teachers by attending this course.

Diploma in Work Studies/ Advanced Diploma in Work Studies/ Bachelor of Work Studies

This course is structured as linking Skills Recognition and Bridging of work experiences and training in vocational practice other than engineering to academic qualifications at Diploma/ Advanced Diploma and Bachelors degree levels.

This course is prepared and taught by IQY Technical College/ Myanmar Vocational Training Collaboration/ STC Technological University and St Clements University Myanmar College.

Outcome

On completion of this course, the candidates will be able to effectively provide vocational work services to the customers.

The candidates will be able to effectively organize and manage the services needed by the customers.

The candidates will be able to effectively set up the strategic tasks and judge the nature of humanities services needed by the customers.

Graduate Diploma in Geographic Information Systems (Grad Dip GIS) (6886650) Course

Feature

This course introduces students to the 'building blocks' of GIS systems, including data structures, relational databases, spatial queries and analysis. The focus then moves on to sources of spatial data including Global Positioning System (GPS), operational systems such as smartcard ticketing and transaction data along with web-based sources highlighting both the potential and challenges associated with integrating each data source within a GIS environment.

The unit is hands-on involving learning how to use the latest GIS software to analyse several problems of interest using real 'big data' sources and to communicate the results in a powerful and effective way. These include identifying potential demand for new services or infrastructure, creating a delivery and scheduling plan for a delivery firm or examining the behaviour of travellers or consumers over time and locations.

Master of Law

The course will equip you with fundamental disciplinary knowledge on important areas of the international legal system in various disciplines and recent professional practice developments.

LLM degrees allow legal professionals to specialize in either a broad area of study, such as international law, or in an area of study with a much more narrow scope, such as arbitration or **tax** law. Still other LLM degrees allow students to design their own program of study, focused on their specific career interests.

Through our Master of Laws (Coursework), the student will develop independent critical thinking and legal analysis skills. They will gain specialised knowledge and skills for professional practice, scholarship, research and/or further learning. The focus of this Masters is the Myanmar and International legal system. The student will also be encouraged to take a global and international perspective in evaluating the law and examine academic literature and scholastic articles dealing with other jurisdictions and be challenged to make comparative analyses and will be encouraged to develop a high standard of professional writing and research relevant to current issues in law and practice.

Students will have the opportunity to choose units of interest or specialise by undertaking units that form a major:

- Commercial Law
- Crime and Criminal Justice
- Health and Science
- International Law

Bachelor of Laws (4 Year)

Bachelor of Laws (4 Year) is designed for people who are new to university study or to the study of law, including people who want to change careers or get a qualification. For the first year of this degree the student will undertake elective units from any other areas within the university,. This first year will prepare the student for the

study of law, as well as give them the opportunity to expand your academic horizons.

Diploma in Legal Studies and Administration (2133456)

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.

Medico Legal Studies LLM in Medico Legal Studies

This course trains the medical professionals and medical administrative persons to become Medico Legal Specialists.

Features of this course

Medical professionals must always make choices for the common good of the patients. However, healthcare scenarios and settings are complex, and taking the right decision while facing a situation may be difficult. It is essential for medical professionals to understand the legal implication of their actions and decisions for them and their patients, more so when the number of medico-legal cases is increasing rapidly. Likewise, legal professionals who aspire to handle cases involving medical laws find it difficult to understand the complex healthcare situations in view of their personal beliefs. Thus, it is

important for both medical and legal professionals to understand medical laws objectively in order to practice successfully.

This course gives both the conceptual and practical application of medico-legal guidelines, medical ethics, landmark judgments and effective strategies to prevent and defend medical negligence litigation. The primary goal of this course is to help the learner think independently and become sensitive to the risks and issues that encompass the healthcare field.

Master of Engineering Legal Practice/ Master Diploma in Engineering Legal Practice (7766554)

Master of Engineering Legal Practice course with 240 credits is designed for Engineers to apply the knowledge and skills of Law in their engineering project, commercial business matters and dispute resolutions. It also develops the skills of Third Party Verifiers.

It contains of 4 parts

Part 1-Engineering Practice in Legal Context (30 credits)

Part 2-Non Destructive Testing and Third Party Verifying (90 Credits)

Part 3- Business and Commercial Law Studies (60 Credits)

Part 4-Industrial Laws (60 Credits)

IQY Technical College/ St Clements University Humanities Study Programs

www.highlightcomputer.com/HumanitiesCoursesOutline.pdf

The objective of Humanities Studies program is to provide formal academic study and recognition for community workers, social service workers and volunteers who are performing the humanitarian works.

Diploma in Humanities Studies (Dip HS) (30 Credit Points)

Outcome

On completion of this course, the candidates will be able to effectively provide humanities services needed by the community.

Advanced Diploma in Humanities Studies (Dip HS) (60 Credit Points)

Outcome

On completion of this course, the candidates will be able to effectively organize and manage the humanities services needed by the community.

Professional Diploma in Humanities Studies (Dip HS) (120 Credit Points)

Outcome

On completion of this course, the candidates will be able to effectively set up the strategic tasks and judge the nature of humanities services needed by the community