



UTHM

Universiti Tun Hussein Onn Malaysia

Technically
Above The Rest

undergraduate

fptp.uthm.edu.my

"Exploring Knowledge, Managing Technology"

FPTP

Harmony

FAKULTI
PENKURUSAN
TEKNOLOGI DAN
PERNIAGAAN

FPTP



GO GREEN

Welcome to



Faculty of Technology Management & Business (FFTP) was established on 20th June 2001 and fully operationalized on the 1st January 2002. FFTP is committed to become an excellent faculty in leading technology management initiatives, with an aim to produce technology managers that are creative, innovative and competent as well as able to apply, explore and lead technology management initiatives.

The faculty is led by a Dean, three Deputy Deans and assisted by five Head of Department with academic and non-academic staff who are experienced, progressive, full of vision and enthusiasm. FFTP consists of five departments, namely, the Department of Management and Technology, Department of Production & Operation Management, Department of Construction Management, Department of Real Estate Management and Department of Business Management.

The following table summarize academic programmes offered by faculty. Each programme involves a duration of 4 years to complete.

Bachelor Degree	Bachelor of Technology Management with Honours		4 Years
	Bachelor of Technology Management (Production and Operation) with Honours		4 Years
	Bachelor of Technology Management (Furniture Design and Manufacturing) with Honours		4 Years
	Bachelor of Technology Management (Construction) with Honours		4 Years
	Bachelor of Real Estate Management with Honours		4 Years

Bachelor of Technology Management with Honours

ABOUT THE PROGRAMME

This programme is designed to produce managers who are able to:
Integrate applications of management and technology in the working environment.
Demonstrate critical and innovative thinking together with problem solving competencies to achieve organizational objectives.
Exhibit exemplary leadership qualities communication and team work to achieve organizational objectives.
Exemplify professional and ethical conduct and accountability aligned with the national aspiration.

PROGRAMME STRUCTURE AND ASSESSMENT

This programme consists of 122 credits to be completed within eight (8) semesters. Assessment of students performance is based on formative and summative evaluation conducted throughout each semester. The eighth (8th) semester is occupied for industrial training.

DURATION AND AWARDS

Duration : Full time – Four (4) years. Intake in September.
Award : Bachelor of Technology Management with Honours.

COURSE OUTLINE

This programme consists of the following courses:

YEAR 1 (SEMESTER 1 & 2)

Principles of Management, Principles of Marketing, Mathematics for Management, Entrepreneurship, Principles of Economics, Management Science 1, Technology Management, Computer Application in Business, Occupational Safety and Health.

YEAR 2 (SEMESTER 3 & 4)

Statistics for Management, Organizational Behaviour, Principles of Accounting, Total Quality Management, Human Resource Management, Management Science II, Manufacturing Technology, Management Information Systems.

YEAR 3 (SEMESTER 5 & 6)

Production and Operation Management, Finance and Investment Management, Research Methodology, Service Management, Operations Strategy for Technology Management, Project Management, Supply Chain Management, Business Law, Bachelor Degree Project 1, Innovation and Commercialization Management, Strategic Management.

YEAR 4 (SEMESTER 7)

Bachelor Degree Project II, Technology Transfer, and two (2) elective courses from the following courses : International Business, Technopreneurship, Managerial Economics, Industrial Supervision and Leadership, Logistic Management.

YEAR 4 (SEMESTER 8)

Industrial Training.

PROFESSIONAL ACCREDITATION

This programme is recognized by the Public Service Department of Malaysia and accredited the Malaysian Qualification Agencies (MQA)

CAREER OPPORTUNITIES

Graduates from this programme may seek employment as Technology Executives/Managers, Quality Assurance Executives/Managers, Project Managers, Technology Transfer Officers, Human Resource Executives, technology Planners Researchers, Material Executives, Planning Executives and etc.

COMMENCEMENT OF STUDY

Once a year in September

Bachelor of Technology Management (Production and Operation) with Honours

ABOUT THE PROGRAMME

This programme is designed to produce executives and managers who are able to:
Integrated applications of management and technology in planning and managing the organization.
Demonstrate critical and innovative thinking together with production and operation problem solving competencies to achieve organizational objectives.
Exhibit exemplary leadership qualities communication and team work to achieve organizational objectives
Exemplify professional and ethical conduct and accountability aligned with the national aspiration.

PROGRAMME STRUCTURE AND ASSESSMENT

This programme consists of 120 credits to be completed within eight (8) semesters. The courses focuses on fundamental business and management, Technology Management, Operational Management and Production Manufacturing management. All courses are assessed through assignment, quizzes, tests, laboratory works, presentations, projects and final examinations. The students were also required to submit the Final Year Project as a condition to be graduated besides undergo industrial training for working environment exposure.

DURATION AND AWARDS

Duration : Full time – Four (4) years. Intakes in September.
Award : Bachelor of Technology Management (Production and Operation) with Honours.

COURSE OUTLINE

This programme consists of the following courses:

YEAR 1 (SEMESTER 1 & 2)

Principles of Management, Business Financial Management, Computer Application In Business, Principles of Marketing, Economics and Human Resource Management and Entrepreneurship.

YEAR 2 (SEMESTER 3 & 4)

Manufacturing Technology, Quality Management, Industrial Management, Technology Management, Project Management, Quality Control, Production Planning and Control, Industrial Engineering.

YEAR 3 (SEMESTER 5 & 6)

Occupational Safety and Health Management, Production Forecasting, Research Methodology, Operational Research, Product Development, Creativity and Innovation, Management Information System, Industrial Automation, Business Law, Supply Chain Management, Final years Project I.

YEAR 4 (SEMESTER 7)

Industrial Relations, Material Technology and Selection, Industrial Psychology, Final year Project II.

YEAR 4 (SEMESTER 8)

Industrial Training.

PROFESSIONAL ACCREDITATION

This programme is recognized by the Public Service Department of Malaysia and accredited the Malaysian Qualification Agencies (MQA)

CAREER OPPORTUNITIES

Graduates from this programme can build their career in the industrial and public sectors as Production Executives, Purchasing Executives, Logistic Executives, Production Planners/ Schedulers, Production Analysis, Quality Managers, Industrial Engineer Assistant, Process Engineer Assistant, Administrative Officer and Academician.

TRANSFER PROGRAMME

Student will have an option to get involved in an exchange program during their Second Year Semester of their degree, studying at the participating university. This offers an opportunity to study a number of course from a new perspective at different environment. This will provide advantages to students in engaging with diverse educational learning experiences and broaden their network interaction. At present we are collaborated with Universiti Malaysia Pahang (UMP).

Bachelor of Technology Management (Furniture Design and Manufacturing) with Honours

ABOUT THE PROGRAMME

This programme is designed and develop the Furniture Managers that will able to:
Integrate technology management, furniture design and manufacturing application in furniture industrial working environment.
Show creative, Innovative and competent in thinking to solve issues toward accomplish organizational goal.
Practice leadership skills, communication and excellent teamwork achieving organizational goal.
Display personality, responsibility and professional ethic that is excellent in accordance with needs of the nation.

PROGRAMME STRUCTURE AND ASSESSMENT

This programme consists of 124 credits to be completed within eight (8) semesters. The courses focus on fundamental business, technology management, furniture design and manufacturing. All courses are assessed through assignments, quizzes, tests, laboratory works, presentations, projects and final examinations.

DURATION AND AWARDS

Duration : Full time – Four (4) years. Intakes in September.
Award : Bachelor of Technology Management (Furniture Design and Manufacturing) with Honours.

COURSE OUTLINE

This programme consists of the following courses:

YEAR 1 (SEMESTER 1 & 2)

Principles of Management, Technology Management, Principles of Marketing, Economics, History of Furniture Design and Ergonomic and Anthropometric.

YEAR 2 (SEMESTER 3 & 4)

Business Law, 2D Computer Aided Design, Human Resources Management, 3D Computer Aided Design, Wood and Non Wood, Occupational Safety and Health Management, Entrepreneurship, Furniture Design I.

YEAR 3 (SEMESTER 5 & 6)

Production and Operation Management, Research Methodology, Operational Research, Alternative Material Technology, Furniture Manufacturing and Process, Furniture Design II, Furniture Testing, Final year Project I, Industrial Engineering, Industrial Production Costing, Furniture Packaging and Finishing and Production Planning and Control.

YEAR 4 (SEMESTER 7)

Industrial Psychology, Final year Project II, Project Management, Supply Chain Management, Commercialization and Innovation Management.

YEAR 4 (SEMESTER 8)

Industrial Training.

PROFESSIONAL ACCREDITATION

This programme is recognized by the Public Service Department of Malaysia and accredited the Malaysian Qualification Agencies (MQA).

CAREER OPPORTUNITIES

Graduates from this programme can build their career in the furniture industrial sectors as Furniture Designer, Furniture Production Executives, Furniture Production Planners/Schedulers, Furniture Quality Managers, Furniture Entrepreneur and Academician.

Bachelor of Technology Management (Construction) with Honours

ABOUT THE PROGRAMME

This programme is designed to enable student in acquiring relevant technical and technology management knowledge related to construction management field to pursue a career in the construction industry. The programme aims to produce graduate who are able to:

- Manage and coordinate construction projects professionally and effectively.
- Practice construction project manager professionally, ethically and fulfill social responsibility.
- Develop interpersonal skills including communication, leadership, decision making and entrepreneurship.

PROGRAMME STRUCTURE AND ASSESSMENT

This programme consists of 124 credits to be completed within the total of eight (8) semesters. The programme focusses on fundamental management, technology management, construction technology, and construction project management. All courses are assessed through assignments, quizzes, tests, laboratory works, presentation, projects, and final examinations.

DURATION AND AWARDS

Duration : Full time – Four (4) years. Intakes in September.

Award : Bachelor of Technology Management (Constructions) with Honours. This programme was accredited by the Chartered Institute of Building (CIOB), United Kingdom since 2014.

COURSE OUTLINE

This programme consists of the following courses:

YEAR 1 (SEMESTER 1 & 2)

Principles of Economics, Principles of Management, Construction Drawing, Human Resources Management, Principles of Marketing, Construction Technology I & II, Soil Mechanics, Entrepreneurship, and Co-curriculum I & II.

YEAR 2 (SEMESTER 3 & 4)

Management Information System, Land Survey for Construction, Construction Technology III, Construction Law, Structural Analysis, Soil Mechanics, Construction Procurement, Taking Off Quantities and Technology Management.

YEAR 3 (SEMESTER 5 & 6)

Leadership and Supervisory, Sustainable Construction, Structural Design, Construction Project Management, Construction Facility Management, Construction Safety and Health Management, Construction Cost Estimation, Planning and Scheduling, Construction Financial Management, Environmental Management, Bachelor Degree Project I, and (elective courses I : Management of Landscape Construction, Land Economics for Construction, Traffic and Transportation Management).

YEAR 4 (SEMESTER 7)

ICT for Construction, Construction Economics, Construction Strategic Management, Construction Project Development, Bachelor Degree Project II and (elective courses II : Water Resources and Treatment, Environmental Technology, Real Estate Development).

YEAR 4 (SEMESTER 8)

Industrial Training

PROFESSIONAL ACCREDITATION

This programme is recognised by the Public Service Department of Malaysia and accredited the Malaysian Qualification Agencies (MQA). This programme is officially obtained accreditation from professional institution the Chartered Institute of Building (CIOB).

CAREER OPPORTUNITIES

Construction management graduates have career opportunities in the construction industry either locally or internationally. Construction managers are involved with the development and construction of a huge range of projects in the built and natural environment. Upon their graduation, these graduates have good potential to become an Assistant Project Manager, Assistant Construction Manager, Site Engineer, Project Coordinator, Site Agent, Site Supervisor, Clerk Site, Project and Planning Executive Officer Material procurement. Construction managers liaise with clients to plan, manage, design and supervise the construction projects. They work in a number of different settings and, with experience. Graduates, who are interested in research, can work as a researcher assistant in any research institution in the field of Construction Project Management. In addition, graduates are eligible to continue their studies at post-graduate level in any university either in or out of Malaysia, provided they have excellent academic results.

Bachelor of Real Estate Management with Honours

ABOUT THE PROGRAMME

This programme is designed to enable student to acquire relevant combination of technical and management knowledge to pursue a career in the real estate industry. The programme aims to:

- Equip students with thorough knowledge and in depth understanding of real estate working environment
- Enable students to utilize advance computing skills by exploiting the potential of IT in real estate business
- Enhance student's appreciation of legal economic, planning, technical and facilities management aspects in real estate management decision making
- Develop interpersonal skills including communication, leadership and teambuilding effectively and professionally.

PROGRAMME STRUCTURE AND ASSESSMENT

This programme consists of 121 credits to be completed within eight (8) semesters. All courses are assessed through field work assessments, quizzes, tests, laboratory works, project presentations, final projects and final examinations

DURATION AND AWARDS

Duration: Full time – Four (4) years. Intakes in September

Award: Bachelor of Real Estate Management with Honours

COURSE OUTLINE

This programme consists of the following courses:

YEAR 1

Economics, Principles of Management, Real Estate Valuation, Introduction to Law, Principles of Accounting, Advanced Real Estate Valuation, Real Estate Law I and Building Technology.

YEAR 2

Statutory Valuation, Principles of Finance For Real Estate Management, Urban Planning, Land Surveying, Land Acquisition Valuation, Real Estate Marketing and Agency, Real Estate Law II, Entrepreneurship, Land Economic, Profesional Practice.

YEAR 3

Special Real Estate Valuation, Property Management, Real Estate Computer Application, Building Maintenance and Services, Real Estate Economics, Real Estate Development, Real Estate Investment and Appraisal, Real Estate Market Analysis, Final Year Project I, Corporat Real Estate Management, Real Estate Marketing And Agency and selected elective courses.

YEAR 4 (SEMESTER 7)

Facilities Management, Real Estate Quantitative Techniques, Construction Project Management, Business Valuation, Final Year Project II and selected elective courses.

YEAR 4 (SEMESTER 8)

Industrial Training.

PROFESSIONAL ACCREDITATION

This programme is recognised by the Public Services Department, (JPA) Malaysia and accredited by the Malaysian Qualification Agencies (MQA). This program is certified as professional course hence accredited by the Malaysian Board of Valuers, Appraisers and Estate Agent(BOVAEA) and Royal Institution of Chartered Surveyors (RICS), United Kingdom.

CAREER OPPORTUNITIES

Graduates in real estate management program have a huge opportunity in real estate industry from public and private sectors such as Department of Valuation and Property Services (JPPH), National Valuation Institute (INSPEN) and Local Authority, as well as private firms at local and international level. Graduates are able to explore property valuation, property management, real estate agency, property development, and property consultancy services. As in real estate research,, the government through the National Property Information Centre (NAPIC) has provided several opportunities. Market analysis and feasibility studies are mostly conducted by private firms and property development companies. In addition, graduates also encouraged to be involved in entrepreneurship and to create other job opportunities in real estate. Last but not least, academic careers to those interested by pursuing their postgraduate studies at UTHM or any other universities, local and overseas in related area.

GENERAL REQUIREMENTS OF THE UNIVERSITY

Passed the Sijil Pelajaran Malaysia (SPM) / equivalent with credit in Bahasa Melayu / Bahasa Malaysia or credit in Malay / Bahasa Malaysia paper in July and passed in the subjects of history (SPM 2013 and onward)

Graduate of Matriculation Programme

Fulfill the general requirements of the university

Passed KPM Matriculation / Foundation Science UM / Foundation UiTM with a minimum CGPA of 2.00;

Obtained at least Grade C (2.00) at the Matriculation level in any two (2) of the following subjects: Mathematics / Economics / Business Administration / Accounting

Obtained at least a pass (Grade E) at SPM level in the subjects of English

Obtained at least Level 2 (band 2) in the Malaysian University Bahasa English Test (MUET)

The candidate is not myopic and not physically handicapped (blind / deaf / paraplegic / mute) the practical assignments.

STPM Holders

Fulfill the general requirements of the university

Passed Sijil Tinggi Pelajaran Malaysia (STPM) with at least a CGPA of 2.00 At least Grade C (CGPA 2.00) in General Studies

Grade C (CGPA 2.00) in two (2) other subjects: Mathematics M / Mathematics T / Further Mathematics / Economics / Business Studies / Accounting / Geography

Obtained at least a pass (Grade E) at SPM level in the subjects of English

Obtained at least Level 2 (band 2) in the Malaysian University Bahasa English Test (MUET)

The candidate is not myopic and not physically handicapped (blind / deaf / paraplegic / mute) the practical assignments.

Diploma Holders

Fulfill the general requirements of the university

Have qualifications relevant Diploma or other qualification with at least CPA / CGPA of 2.50 from any Higher Education Institutions (IPTA) or Polytechnic or equivalent qualification recognized by the Malaysian Government and approved by the University Senate.

Candidates who do not qualify the CPA / CGPA of 2.50 but have working experience of at least 2 years in related field can be considered.

Obtained at least a pass (Grade E) at SPM level in the subjects of English

Obtained at least Level 2 (Band 2) in the Malaysian University English Test (MUET)

The candidate is not myopic and not physically handicapped (blind / deaf / paraplegic / mute) the practical assignments.



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