



اوتيمر سيتى تيكنيكل ماليسيا ملاك
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

UTeM

**FACULTY OF TECHNOLOGY MANAGEMENT
AND TECHNOPRENEURSHIP**

BACHELOR OF TECHNOLOGY MANAGEMENT (SUPPLY CHAIN MANAGEMENT AND LOGISTIC) WITH HONOURS (BTMS)



Prof. Dr. Mohd Syaiful Rizal
Bin Abdul Hamid

Dean

**Faculty of Technology Management
and Technopreneurship**

The Faculty of Technology Management and Technopreneurship (FPTT), UTeM aims for student success. We strive to provide our students with the education they need, not only to find a job upon graduation but also to have a successful in their long term career. Our faculty's formula for success is to offer students with the current highest level of development in business knowledge combined with the specific skills needed for their respective majors which are Technology Management and Technopreneurship. We are very fortunate to have a dedicated and talented faculty members and staff who are accessible to students and committed to their success. In addition, our courses taught by the faculty

Foreword

BY THE DEAN

members are designed to meet the needs of employers. The students are also equipped with knowledge and skills which will prepare them for their future career.

With the aim of contributing greatly to humanity's prosperity in the next years, our faculty educates future Technopreneurs who are ready and potential to make a difference in the world. Now, more than ever the world needs business leaders who can build great companies, generate new jobs, produce valued goods & services, stimulate innovation and tackle common social challenges. Realizing that the powerful role of business and business leaders can play in contributing to the prosperity of society, we have deliberately emphasized both rivals. On the matter of competence, we are equipping our graduates with a broader value creation for society as competencies.

We value a strong lecturer-student relationship and faculty members work very closely with students to facilitate their learning needs. To our students and graduates, the faculty is the place where their vision and commitment to the field of Technology Management and Technopreneurship education are inspired and cultivated. We are proud with the accomplishments of our faculty, staff and students who are very enthusiastic about the faculty's vision.

Thanks you.



Vision & Mission

VISION

To be one of the world's leading innovative and creative technical universities.

MISSION

UTeM determined to lead and contribute to the wellbeing of the country and the world by:

- Promoting knowledge through innovative teaching and learning, research and technical scholarship;
- Developing professional leaders with impeccable moral values;
- Generating sustainable development through smart partnership with the community and



Introduction to

FACULTY OF TECHNOLOGY MANAGEMENT AND TECHNOPRENEURSHIP

Universiti Teknikal Malaysia Melaka (UTeM), which was incorporated in December 2000, is the 14th Institution of Higher Learning (IHL) in Malaysia. The Faculty of Technology Management & Technopreneurship (FPTT) was established on 19th March 2009 and has since started its operations at the City Campus, in the heart of the World Heritage City of Historic Melaka.

FPTT has indeed created history for being the sixth faculty to offer programmes at Bachelor Degree level in UTeM. With its establishment, the faculty integrates a technology and business approach in enhancing the knowledge and skills of human capital. The FPTT curriculum was developed to address issues and challenges in managing the force of globalization, rapid pace of technological changes, market and competition, product complexity, pressure of production cost, highcost and risk of research and development, government regulations and market diversity.

Thus, FPTT plays a vital role in creating professionals at technology-oriented companies, employees at large firms, founders of start-ups with knowledge in the areas of technology management and technopreneurship. By diversifying the courses into both functional and practice-based, graduates will be competent with the skills in technical marketing, managing technical human resources, managing innovation, leadership and communication.

GRADING SYSTEM

Table 1 shows the grading system adopted by the university.

MARKS	GRADE	GRADE POINT	STATUS
80 - 100	A	4.0	Excellent
75 - 79	A-	3.7	Excellent
70 - 74	B+	3.3	Honors
65 - 69	B	3.0	Honors
60 - 64	B-	2.7	Honors
55 - 59	C+	2.3	Pass
50 - 54	C	2.0	Pass
47 - 49	C-	1.7	Conditional Pass
44 - 46	D+	1.3	Conditional Pass
40 - 43	D	1.0	Conditional Pass
00 - 39	E	0.0	Fail

Table 1: Grading System Schedule

ACADEMIC ACHIEVEMENT

Grade Point Average Calculation

Grade Point Average (GPA) is a grade point average earned by a student in a semester. It is calculated as below:

$$\text{Total Grade Point (TGP)} = k_1m_1 + k_2m_2 + \dots + k_nm_n$$

$$\text{Total Calculated Credit (TCC)} = k_1 + k_2 + \dots + k_n$$

$$\text{Grade Point Average (GPA)} = \frac{\text{Total Grade Point}}{\text{Total Calculated Credit}}$$

where

k = Credit hours for subject

m = Grade points earned for subject

n = Number of subjects registered in the semester

Cumulative Grade Point Average Calculation

Cumulative Grade Point Average (CGPA) is a grade point average earned by a student inclusive all semesters he/she registers. It is calculated as below:

$$\text{CGPA} = \frac{(TGP)_1 + (TGP)_2 + \dots + (TGP)_n}{(TCC)_1 + (TCC)_2 + \dots + (TCC)_n}$$

where

TGP = Total grade point earned in semester

TCC = Total calculated credit in semester

n = Total semester registered

ACADEMIC STATUS

The academic status for each student is determined by the examination results obtained at the end of every semester. The status is categorized as:

ACADEMIC STATUS	CGPA
Good Standing/Kedudukan Baik (KB)	$\text{CGPA} \geq 2.00$
Conditional Status/Kedudukan Bersyarat (KS)	$1.70 \leq \text{CGPA} < 2.00$
Fail/Kedudukan Gagal (KG)	$\text{CGPA} < 1.70$

PROGRAM OVERVIEW

Supply chain management and logistics are the basis of the operation of an organization that crosses various industries. Therefore, this program aims to produce graduates equipped with the knowledge and core competencies required for effective supply chain management and logistics in the local business environment and international trade. The program applied is relevant to the National Key Result Areas (NKEA) which is the content of communication and infrastructure. This is based on course content that provides a solid platform for graduates in terms of knowledge and basic skills in technology management.

CAREER PROSPECT

Graduates may find positions in a wide range of supply chain and logistics area such as transportation management. Graduates can be hired as shipping manager, fleet manager and transport manager. Moreover, BTMS graduates have high potential to be appointed as supply chain analyst, supply chain consultant, incoming and outgoing inspector, vendor development executive and distribution executive

CURRICULUM STRUCTURE BTMS

YEAR 1 SEMESTER I				
CODE	SUBJECT		CATEGORY	CREDIT
BLLW 1762	Philosophy and Current Issues	Falsafah dan Isu Semasa	W (Compulsory)	2
BLHW 1142	English for Academic Purposes	Bahasa Inggeris untuk Akademik	W (Compulsory)	2
BTMU 1013	Business and Organizational Management	Pengurusan Perniagaan dan Organisasi	P (Common Core)	3
BTMU 1023	Management of Technology	Pengurusan Teknologi	P (Common Core)	3
BTMP 1013	Business Mathematics	Matematik Perniagaan	P (Common Core)	3
BTMP 1533	Principles of Accounting	Prinsip Perakaunan	P (Common Core)	3
TOTAL				16

YEAR 1 SEMESTER II				
CODE	SUBJECT		CATEGORY	CREDIT
BKK ****	Co-Curriculum I	Ko-Kurikulum I	W (Compulsory)	1
BTMP 2543	Principles of Finance	Prinsip Kewangan	P (Common Core)	3
BTMP 1023	Principles of Economics	Prinsip Ekonomi	P (Common Core)	3
BTMU 1043	Principles of Marketing	Prinsip Pemasaran	P (Common Core)	3
BTMU 1093	Business Statistics	Statistik Perniagaan	P (Common Core)	3
BTMS 1013	Supply Chain Principles	Prinsip Rantaian Bekalan	K (Specialization)	3
BLLW 2152	Academic Writing	Penulisan Ilmiah	W (Compulsory)	2
TOTAL				18

YEAR 2 SEMESTER I				
CODE	SUBJECT		CATEGORY	CREDIT
BLHW ****	Third Language	Bahasa Ketiga	W (Compulsory)	2
BTMP 2073	Business Law	Undang-Undang Perniagaan	P (Common Core)	3
BTMP 1083	Information System Management	Pengurusan Sistem Maklumat	P (Common Core)	3
BTMU 2103	Operation Management	Pengurusan Operasi	P (Common Core)	3
BTMS 2013	Freight Transport Management	Pengurusan Pengangkutan Barangan	K (Specialization)	3
BTMS 2033	Global Logistics Management	Pengurusan Logistik Antarabangsa	K (Specialization)	3
TOTAL				17

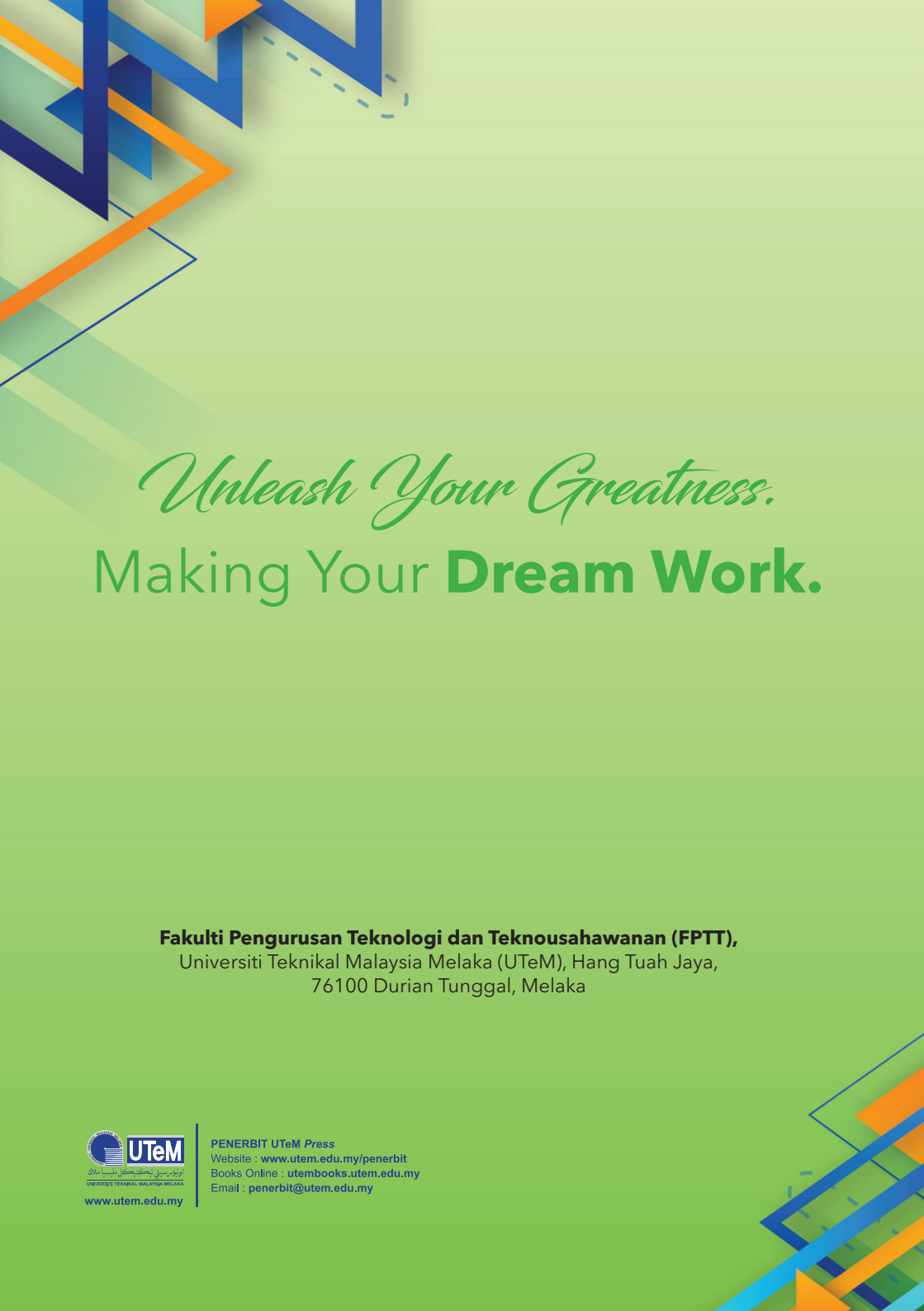
YEAR 2 SEMESTER II				
CODE	SUBJECT		CATEGORY	CREDIT
BLHW 2772 / BLLHW 2752	Appeciation of Ethics and Civilizations/ Malaysian Culture	Penghayatan Etika Dan Tamadun/ Budaya Malaysia	W (Compulsory)	2
BKK ****	Co-Curriculum II	Ko-kurikulum II	W (Compulsory)	1
BMKU 2463	Manufacturing Process	Proses Pembuatan	P (Discipline Core)	3
BITG 2323	Database	Pangkalan Data	P (Discipline Core)	3
BTMS 2053	Management of Services	Pengurusan Perkhidmatan	P (Discipline Core)	3
BTMS 2043	Iventory Management	Pengurusan Inventori	K (Specialization)	3
BTMS 2063	Supply Chain Strategic Sourcing	Sumber Strategik Rantian Bekalan	K (Specialization)	3
BLLW 3162	English for Professional Interactions	Bahasa Inggeris untuk Interaksi Profesional	W (Compulsory)	2
TOTAL				20

YEAR 3 SEMESTER I				
CODE	SUBJECT		CATEGORY	CREDIT
BTMP 3103	Research Methodology	Kaedah Penyelidikan	P (Common Core)	3
BTMP 2233	Quality Management	Pengurusan Kualiti	P (Discipline Core)	3
BTMW 4012	Technology Entrepreneurship	Keusahawanan Teknologi	P (Discipline Core)	2
BTMS 3073	Supply Chain Systems Optimization	Sistem Optimisasi Rantaian Bekalan	K (Specialization)	3
BTMS 3083	Supply Chain Risk Management	Pengurusan Risiko Rantaian Bekalan	K (Specialization)	3
BTMS 3093	Warehouse Management and Design	Pengurusan dan Reka Bentuk Gudang	K (Specialization)	3
TOTAL				17

YEAR 3 SEMESTER II				
CODE	SUBJECT		CATEGORY	CREDIT
BLHW 2792	Integrity and Anti-Corruption	Integriti dan Anti Rasuah	W (Compulsory)	2
BTMP 1063	Human Resource Management and Technology	Pengurusan Manusia dan Teknologi	P (Common Core)	3
BTMT 3283	Business Analytics	Analitik Perniagaan	P (Common Core)	3
BTMU 3072	Final Year Project I	Projek Sarjana Muda I	P (Discipline Core)	2
BITG 2113	Electronics Commerce and Web Design	Elektronik Perdagangan dan Reka Bentuk	P (Discipline Core)	3
BTMS 3103	International Trade Policy, Regulation and Ethics	Polisi, Peraturan dan Etika Perdagangan Antarabangsa	K (Specialization)	3
BTMS 3113	Sustainable Supply Chain and Logistics Management	Logistik dan Kelestarian Rantaian Bekalan	K (Specialization)	3
TOTAL				19

YEAR 4 SEMESTER I				
CODE	SUBJECT		CATEGORY	CREDIT
BTMU 4084	Final Year Project II	Projek Sarjana Muda II	P (Discipline Core)	4
BTMT 3323	Business Management Contemporary	Pengurusan Perniagaan Kontemporari	P (Discipline Core)	3
BTMS 4143	Supply Chain and Logistics Performance	Prestasi Rantaian Bekalan dan Logistik	P (Discipline Core)	3
BTMS 4133	Supply Chain Project Management	Pengurusan Projek Rantaian Bekalan	P (Discipline Core)	3
BTMU 4044	Business Plan	Rancangan Perniagaan	P (Discipline Core)	4
TOTAL				17

YEAR 4 SEMESTER II				
CODE	SUBJECT		CATEGORY	CREDIT
BTMU 4106	Industrial Training	Latihan Industri	P (Internship)	6
TOTAL				6
TOTAL CREDIT				130



Unleash Your Greatness. Making Your **Dream Work.**

Fakulti Pengurusan Teknologi dan Teknousahawanan (FPTT),
Universiti Teknikal Malaysia Melaka (UTeM), Hang Tuah Jaya,
76100 Durian Tunggal, Melaka