



BACHELOR OF TECHNOPRENEURSHIP WITH HONOURS (BTEC)



2022/2023

**FAKULTI PENGURUSAN TEKNOLOGI
DAN
TEKNOUSAHAWANAN**



Foreword

BY THE DEAN

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 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.

Assoc. Prof. Dr. Mohd Syaiful Rizal Bin Abdul Hamid
Dean
Faculty of Technology Management and Technopreneurship



Vision & Mission **UTeM**

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 industry.

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

The course discusses issues and concepts such as framing of ventures in terms of people, opportunities, contexts and deals. Students will be equipped with management, technology and technopreneurship knowledge. The uniqueness of this program lies within the 24 courses offered which totally focus on developing the students to be real technopreneurs.

Beside the knowledge courses, BTEC students will also participate in two business plan courses; one which is related to general business venture and another specializing in the technology-based business venture. This will help students to start up business while still pursuing their degree or upon graduation. The BTEC students will also be provided assistance in seeking business partners and venture capital to turn their business ideas into reality. Occasionally business matching events will be organized to support the above intentions.

CAREER PROSPECT

Technopreneurs combines the attributes and responsibilities of a traditional entrepreneur (sales, marketing, business development, managerial) with the technical savviness of technological developer. The career prospect for these graduates may be categorized into two areas. They could be successful persons who start a business especially in technology-based entity. They could also be an intelligent worker in any entrepreneurship supporting industries such as financial institutions, consultancy and advisory bodies, education, training providers, etc..

CURRICULUM STRUCTURE **BTEC**

SEMESTER 1				
CODE	SUBJECT	CREDIT	CATEGORY	RESULT
BLHW 1762	Philosophy and Current Issues	2	W	
BLHW 1442	English for Academic Purposes	2	W	
BTMW 4012	Technology Entrepreneurship	2	W	
BTMU 1013	Business and Organizational Management	3	P	
BTMU 1023	Management of Technology	3	P	
BTMT 1203	Technopreneurship Mathematics	3	P	
BTMT 1023	Fundamentals of Managerial Economics	3	P	
TOTAL		18		
GPA				
CGPA				

SEMESTER 2				
CODE	SUBJECT	CREDIT	CATEGORY	RESULT
BLHW ****	Third Language Elective	2	E	
BTMT 1253	Technopreneurship	3	K	
BTMT 1243	Business Accounting	3	P	
BTMU 1093	Business Statistics	3	P	
BTMT 1043	Technopreneurial Marketing	3	P	
BTMT 1063	Human Resource Management	3	P	
TOTAL		17		
GPA				
CGPA				

SEMESTER 3				
CODE	SUBJECT	CREDIT	CATEGORY	RESULT
BLHW 2452	Academic Writing	2	W	
BKK **	Co-Curriculum I	1	W	
BMFG 2113	Manufacturing Systems	3	P	
BITG 2113	E-Commerce and Web Design	3	P	
BTMT 2073	Legal Aspects of Technopreneurship	3	P	
BTMT 2083	Franchise and Retail Management	3	K	
TOTAL		15		
GPA				
CGPA				

SEMESTER 4				
CODE	SUBJECT	CREDIT	CATEGORY	RESULT
BLHW 2752	Malaysian Culture (For International Student only)	2	W	
BLHW 2772	Appreciation of Ethics and Civilizations(For Malaysian Student only)	2	W	
BKK XXXX	Co-Curriculum II	1	W	
BMFG 2133	Industrial Design	3	P	
BTMT 2103	International Business Management	3	P	
BTMT 2093	Network Management and Business Growth	3	K	
BTMT 2113	Brand Management	3	K	
TOTAL		15		
GPA				
CGPA				

SEMESTER 5				
CODE	SUBJECT	CREDIT	CATEGORY	RESULT
BLHW 3462	English For Professional Interaction	2	W	
BTMT 3263	Business Finance	3	P	
BTMT 3183	Technopreneurial Business Plan	3	K	
BTMT 3273	Digital Entrepreneurship	3	K	
BTMT 3163	Technopreneurship Consultant and Coaching	3	K	
BTMT 3153	New Product Development and Commercialization	3	K	
TOTAL		17		
GPA				
CGPA				

SEMESTER 6				
CODE	SUBJECT	CREDIT	CATEGORY	RESULT
BTMT 3123	Business Research Methodology	3	P	
BTMU 4072	Final Year Project I	2	P	
BTMT 3283	Business Analytics	3	P	
	Specialization Elective 1	3	E	
	Specialization Elective 2	3	E	
	Specialization Elective 3	3	E	
TOTAL		17		
GPA				
CGPA				

SEMESTER 7				
CODE	SUBJECT	CREDIT	CATEGORY	RESULT
BTMU 4084	Final Year Project II	4	P	
BTMT 4133	Technology Transfer in Business	3	K	
BTMU 2103	Operations Management	3	K	
BTMT 4293	Risks Management	3	K	
	General Elective	2	E	
TOTAL		15		
GPA				
CGPA				

SEMESTER 8				
CODE	SUBJECT	CREDIT	CATEGORY	RESULT
BTMU 4056	Industrial Training	6	P	
BTMU 4066	Industrial Training Report	6	P	
	TOTAL	12		
TOTAL CREDITS		126		
GPA				
CGPA				

Category:

W : University Compulsory Courses

P : Core Courses

K : Specialization Courses

E : Elective Courses

E: ELECTIVE COURSES

Specialization Elective Courses (Choose any 3 courses)

BTMT 3303	Seminar In Global Issues And New Business Trends
BTMT 3323	Contemporary Business Management
BTMT 3343	Technopreneurship Growth Strategy
BTMT 3383	Social Entrepreneurship
BTMP 2243	Strategic Innovation Management
BTMP 3293	Change Management
BTMP 3383	High Technology Marketing Strategy
BTMP 3513	Professional Ethics
BTMP 3523	Industrial Leadership

Third Language Elective Courses (Choose any 1 course)

BLHL 1212	Arabic
BLHL 1222	Mandarin
BLHL 1232	Japanese
BLHL 1242	Korean
BLHL 1252	German

General Elective Courses (Choose any 1 course)

BLHC 4032	Critical and Creative Thinking
BLHC 4022	Negotiation Skills
BLH 4032	Industrial and Organisational
BLHC 4012	Psychology Organisational Communication

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

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