



PROGRAMME HANDBOOK

MATHEMATICS, SCIENCE & COMPUTER DEPARTMENT



First Edition

© 2023 by Politeknik Merlimau, Melaka.

All rights reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior return permission from Politeknik Merlimau, Melaka.

Table of Contents

No	Content	Page
1.	Preface	01
2.	Introduction	03
3.	Vision and Mission	04
4.	Management Organisational Chart	05
5.	Outcome Based Education (OBE)	06
4.	Programme Information	10
5.	Mathematics, Science and Computer Department	11
8.	Mechanical Engineering Department	15
9.	Electrical Engineering Department	22
10.	Ciivil Engineering Department	30
11.	General Studies Department	38
12.	Higher Academic Pathway	44
13.	Programme Educational Outcome (PEO) & Programme Learning Outcome (PLO)	42
14.	Programme Structure	43
15.	Synopsis and Course Leaning Outcome (CLO)	44
16.	E-Learning Unit	53
17.	Sports, Co-Curriculum and Cultural Unit	57
18.	Student Affair and Development Department	61
19.	Examination Unit	65
20.	Training and Continuing Education Unit	68
21.	Library Unit	72
22.	Psychology Management Unit	76
23.	Research and Innovation Unit	80
24.	Quality Assurance Unit	82
25.	Corporate, Industrial Service & Employability Center Unit	85
26.	Entrepreneurial Unit	91
27.	Editorial Board	93

Preface

Bismillahirrahmanirrahim

Assalamulaikum w.b.t and Salam Sejahtera.

Dear Students,



Welcome to Politeknik Merlimau (PMM), a place where the fusion of a conducive atmosphere and vibrant ambience creates an ideal environment for learning and personal growth.

In today's dynamic world, the industry seeks graduates who are not only knowledgeable but also demonstrate exceptional self-discipline and a commendable track record. At PMM, we are committed to nurturing these qualities in each of you, ensuring that you meet and exceed these expectations.

Moreover, we place a strong emphasis on holistic development. Participation in co-curricular activities, particularly within uniformed bodies, is highly encouraged. These experiences are invaluable, as they contribute significantly to shaping well-rounded individuals equipped with leadership skills and a sense of responsibility.

I am confident that the Foundation in TVET Programme, offered by the Department of Mathematics, Science, and Computer, will be instrumental in molding graduates of high caliber. Graduates who not only excel academically but also possess the qualities of towering personalities, ready to contribute significantly to the development of our nation.

I eagerly look forward to meeting each of you. I encourage you to fully utilize the facilities and opportunities available at PMM, to gain the utmost knowledge and skills. Together, let's work towards becoming contributing citizens who will make Malaysia proud.

Thank you.

Sincerely,

Norizam bin Sekak

Director

Politeknik Merlimau

Preface

Assalamualaikum w.b.t and Salam Sejahtera.

I am delighted to present this Programme Handbook, a key resource for students embarking on the Foundation in TVET Programme at Politeknik Merlimau. This programme, a hallmark of our commitment to vocational and technical education, has been thoughtfully developed and is managed by the Mathematic, Science and



Computer Department. Officially inaugurated by the Malaysian Minister of Higher Education, the Foundation in TVET Programme aligns with our national goals to cultivate a highly skilled workforce, adept in meeting the evolving demands of the industry.

At Politeknik Merlimau, we pride ourselves on offering a dynamic and progressive curriculum that seamlessly integrates theoretical knowledge with practical skills. This balanced approach ensures that our graduates are not only academically sound but also industry-ready, equipped to thrive in diverse professional settings. Our innovative teaching methodologies, coupled with the latest technological advancements, set a high standard for technical and vocational education excellence.

The Foundation in TVET Programme is uniquely structured, encompassing a blend of core technical subjects, electives, compulsory courses, and common modules. This comprehensive curriculum is designed to ensure that our graduates are versatile, skilled, and fully prepared for their future careers.

A key feature of the Foundation in TVET Programme is the emphasis on practical, handson learning. Students have access to state-of-the-art facilities, including a well-equipped computer lab, the TECC room, advanced science labs, and specialized electrical and mechanical labs. These facilities are instrumental in providing an immersive learning experience, closely mirroring real-world industrial scenarios.

In addition to academic pursuits, the programme encourages participation in a variety of enriching activities. These range from practical workshops and industry attachments to innovation challenges and community service projects. Such initiatives are vital in nurturing not only technical expertise but also leadership qualities and a sense of social responsibility among our students.

In closing, I extend my deepest appreciation to everyone involved in the development and implementation of this Programme Handbook for the Foundation in TVET programme. It is a testament to our dedication to delivering top-tier vocational and technical education. I am confident that this handbook will serve as an invaluable guide for our students, aiding them in their educational journey and beyond. Thank you.

Hajjah Intanku Salwa binti Shamsuddin

The Head of Mathematic, Science and Computer Department Politeknik Merlimau

Introduction

Politeknik Merlimau (PMM) is the 14th polytechnic of the Department of Polytechnic Education Ministry of Higher Education. PMM is located in Merlimau, 26 kilometers south of the state capital city, the Historical City of Melaka.

Established in 2002, PMM started in Politeknik Melaka (formerly known as Politeknik Kota Melaka). Moving to its own Merlimau campus in the end of 2002, Politeknik Merlimau since then has risen to the forefront of achievements in various fields, emerging as the catalyst polytechnic in academic, innovation as well as social responsibilities activities.

The PMM campus is spread across an area of 100 acres, which houses seven academic departments, two non-academic departments and twelve supporting service units. Those academic departments consist of five main departments and two ancillary departments. The main departments are the Department of Civil Engineering, Department of Electrical Engineering, Department of Mechanical Engineering, Department of Commerce and Department of Hospitality and Tourism. The ancillary departments, on the other hand, are the Department of Mathematics, Science & Computer and Department of General Studies.

PMM believes that learning environments play a critical role in the development of strong learning communities, which is one of the key aims of curriculum evolution at PMM. These communities are supported by the institution, technology and cohort-targeted diploma graduate students. Thus, PMM provides a wide range of facilities and spaces that can be utilized by both the staffs and students, such as the CIDOS elearning tools that serves as the Learning Management System. It is developed for the purpose of continuous improvement of the teaching and learning processes .

PMM provides a broad-based curriculum that is underscored by the multi-disciplinary courses that are coupled together with the ancillary department's courses that are aligned with the transformative pillars of the Department of Polytechnic Education, Ministry of Higher Education. The classroom lessons and activities are based on sound principles of pedagogy and practice, where lectures are given in English. These measures are in place for the nurturing of well-rounded graduates that are characterized by innovative thinking and relevant skills to thrive in a knowledge economy.

All in all, PMM provides students with an ideal, supportive and innovative environment in which students can find their future direction while making full use of their valuable time. This is further enhanced with the practicality, entrepreneurship, and the pursuit of academic and management excellence aspects in PMM. It is hoped that the well-rounded graduates enveloped with outstanding leadership qualities will enable them to make valuable contributions for the betterment of the society and country as a whole.

Vision & Mission



VISION



Management Organisational Chart



Ministry of Higher Education, Malaysian Qualification Agency (MQA) and related professional bodies require all programs offered by Institution of Higher Learnings to adopt the Outcome Based Educatio (OBE) approach in their teaching and learning activities. This is in line with the paradigm shift mooted by the Ministry of Higher Education to enhance the quality of education in Malaysia.

Outcome-based education (OBE) is an educational approach that focuses on what students are able to do upon completion of a course. All curriculum and teaching decisions are made based on how best to facilitate the desired outcome. The term outcomes in this matter would be a set of values or 'wish list' on what students should acquire upon their educational program completion. Outcome-based education is designed so that "all students are equipped with the knowledge, skills and qualities needed to be successful after they exit the educational system" (Spady, 1994, p. 9). In brief, OBE answers the following questions:

- What must the student learn?
- What do the teachers or lecturers want the student to learn?
- How does what student learn affect the overall educational outcome?
- How do the teachers or lecturers make sure that the students learn what they are intended to learn?

Thus, OBE outlines the guidance for planning, delivering and evaluating teaching and learning activities to achieve the results expressed in terms of individual student learning outcomes as shown in Figure 5.1 below.

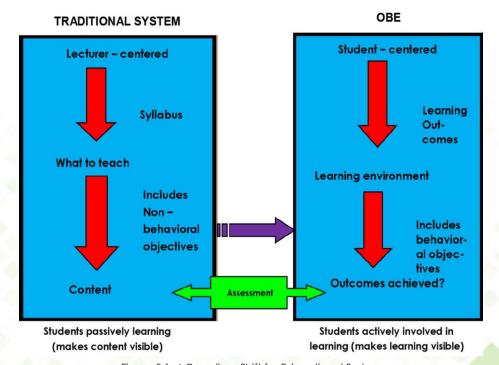
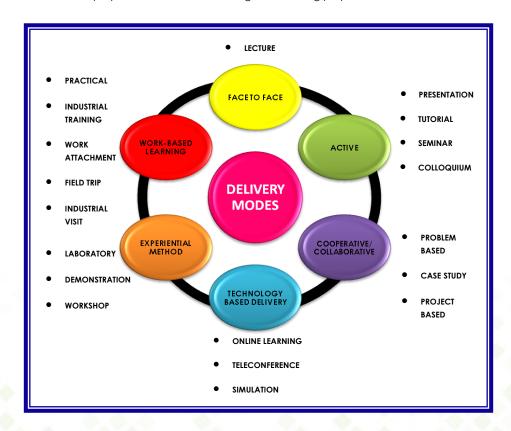


Figure 5.1: A Paradigm Shift for Educational System

DELIVERY MODES

The diversity of teaching and learning methodologies can be adapted by lecturers in order to cater to the heterogeneous or different students' potentials. This is important to ensure that different students are at the maximum level while the less potential ones are not left behind. Figure 5.2 shows that there are many modes of delivery that can be employed to suit various teaching and learning purposes.



OBE EDUCATIONAL FRAMEWORK

Programme Educational Objectives (PEO):

The broad statements that describe the career and professional accomplishments which the program is preparing the graduates to achieve.

Programme Learning Outcomes (PLO):

The statements that describe what the students are expected to know and able to perform or attain in terms of skills, knowledge and behaviour or attitude by the time of graduation.

Course Learning Outcomes (CLO):

The statements that describe the specification of what a student should learn upon completing a course .

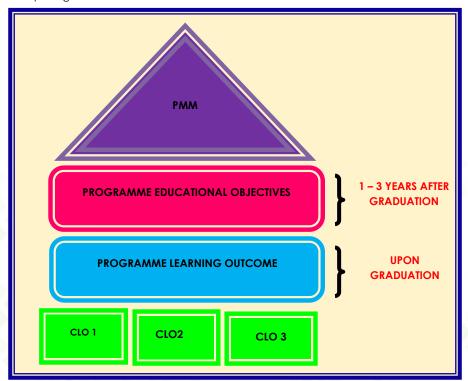


Figure 5.3: OBE Educational Framework

THREE MAIN STAGES IN TEACHING AND LEARNING PROCESS

In general, the OBE concept divides teaching and learning activities into three parts, namely:

- i. Planning,
- ii. Implementation and
- iii. Assessment

At the planning stage, learning outcomes should be determined in advance by taking into account what the students can do after attending a teaching process.

At the implementation stage, the teaching and learning activities should be designed to achieve the specified learning outcomes.

Finally, the assessment measures how far the students have achieved the specified learning outcomes. In addition also provides for continuously improving the teaching and learning process.

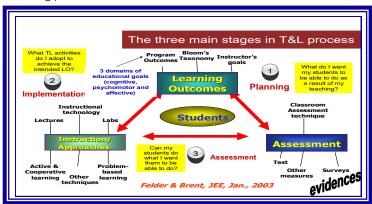


Figure 5.5: Three Main Stages in Learning and Teaching Process

Towards the future of OBE:

- Courses will help the students to want, passionately, to do things, rather than just 'be able to' do things.
- Assessment will assess whether the students are able to actually and spontaneously achieve the outcomes, rather than just 'being able to'
- 3. Outcomes will include values and principles and purposes as well as abilities.

In conclusion, the call for accountability is inevitably one of the reasons that lead to the introduction of OBE in Politeknik Merlimau. All parties need to make the necessary changes modifications, and improvements in the light of the changes aimed. The roles of curriculum, lecturers or instructors and assessment must gear the students towards the intended outcomes.

Programme Information

INTRODUCTION

Foundation in TVET is a full-time programme that is carried out over a period of one year and consist of two semesters. This Foundation Programme is a preparatory programme for engineering technology students before pursuing undergraduate studies. The curriculum programme is designed to provide knowledge, attitude and emphasis on practical elements.

The programme offers courses that is based on science, technology, engineering and mathematic and equip students with skills in the field of engineering technology. Students of this programme are also expose to skills in collaborative, thinking, communication (written and verbal) and lifelong learning. With these additional skills, the students will be prepared for pursuing their studies.

SYPNOSIS

This programme is designed to equip students with knowledge, skills, attitude and understanding of the science, technology, engineering and mathematics. The knowledge and skills acquired will be useful for success in pursuing undergraduate studies. Students of this programme also are exposed to practical work, presentations, project implementation, as well as soft skills activities that help develop collaborative, communication and thinking skills.

EDUCATION PATHWAY

This programme is preparatory for students to pursue undergraduate study at Malaysian Technical University Network (MTUN) as well as polytechnic institutions.

PROGRAMME AIM

This programme aims to equip students with preliminary competency in science, engineering, technology and mathematic for proceeding to TVET degree in engineering technology programme.

Mathematics, Science & Computer Department

Introduction

The Mathematics, Science & Computer Department, which is also known as JMSK is an ancillary academic department. JMSK responsible for the Foundation in TVET Programme and the B code courses in three different fields, namely Mathematics, Science and Computer. Besides, it also performs the academic supporting tasks (administration) in PMM.

This department was set up in November 2002 and is currently running with 31 lecturers, one laboratory assistant, one computer technician and one operational assistant.

JMSK is managed by the head of department and supported by three (3) heads of course of Mathematics, Science and Computer. These heads of course are responsible in monitoring staffs under their supervisions in order to ensure the learning and teaching implementations are run effectively. Besides, JMSK also has Head of Programme who is in charged the Foundation in TVET programme.

This department is equipped with computer laboratories, science laboratories, Technology Enabled Collaborative Classroom (TECC), meeting room, discussion room, prayer room and R & R corner.



Mathematics, Science & Computer Department

LIST OF STAFF



Name: Hajjah Intanku Salwa binti Shamsuddin

Position: Head of Department Majoring: Mathematics Education

Ext: 7000

Email: intankusalwa@pmm.edu.my



Name: Dzaidah Hanin Binti Nor Azlim

Position: Head of Programme (Foundation in TVET)

Majoring: Mathematics

Ext: 7004

Email: dzaidah@pmm.edu.my



Name: Noor Hidayah binti Awang Position: Head of Course (Mathematics)

Majoring: Science Mathematics

Ext: 7002

Email: noorhidayah@pmm.edu.my



Name: Ngatinah binti Jaswadi Position: Head of Course (Science)

Majoring: Civil Engineering

Ext: 7001

Email: ngatinah@pmm.edu.my



Name: Suziyana binti Ahmad Aman Position: Head of Course (Computer)

Majoring: Science Computer

Ext: 7003

Email: suziyana@pmm.edu.my

Mathematics, Science & Computer Department

LIST OF STAFF



Name: Zareena Binti Rosli Position: Senior Lecturer Majoring: Computer Science Ext: 7006 Email: zareenarosli@pmm.edu.my



Name: Norhayati Binti Ahmad Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 7008 Email: norhayati@pmm.edu.my



Name: Latifah Binti Abdullah Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 7006

Name: Mohammad Rasyidi Bin Yusof Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 7006 Email: mohammadrasyidi@pmm.edu.my



Name: Hanem Binti Mohd Halid Position: Senior Lecturer Majoring: Electronic (Computer) Ext: 7008 Email: hanem@pmm.edu.my



Name: Siti Farizah Binti Yaakub Position: Senior Lecturer Majoring: Mathematics Ext: 7008 Email: sitifarizah@pmm.edu.my

Email: latifah@pmm.edu.my



Name: Azira Binti Mohd Puteh Position: Senior Lecturer Majoring: Physics Ext: 7006 Email: azira@pmm.edu.my



Name: Intan Shafinaz Binti Mohammad Position: Senior Lecturer Majoring: Computer Engineering Ext: 7004 Email: intan_shafinaz@pmm.edu.my



Name: Zinatul 'Ashiqin Binti Mohd Noor Position: Senior Lecturer Majoring: Civil Engineering Ext: 7006 Email: zinatulashiqin@pmm.edu.my



Name: Emey Dyana Binti Abd Jalil Position: Lecturer Majoring: Civil Engineering Ext: 7008 Email: emeydyana @pmm.edu.my



Name: Faridah Binti Othman Position: Lecturer Majoring: Electrical Engineering Ext: 7008 Email: faridahothman@pmm.edu.my



Name: Siti Noor Sarah Binti Daud Position: Lecturer Majoring: Mathematics Ext: 7008 Email: sitinoorsarah@pmm.edu.my



Name: Siti Aisyah Binti Azahar Position: Lecturer Majoring: Mathematics Ext: 7008 Email: sitiaisyah@pmm.edu.my



Name: Fairuzza Binti Hairi Position: Lecturer Majoring: Computer Science Ext: 7008 Email: fairuzza@pmm.edu.my



Name: Noor Faridah Binti Abd Kadir Position: Lecturer Majoring: Mechanical Engineering Ext: 7008 Email: noorfaridah@pmm.edu.my



Name: Mohd Zairil Bin Yusof Position: Lecturer
Majoring: Electriical Engineering
Ext: 7006 Email: zairil@pmm.edu.my



Position: Lab Assistant Ext: 7009 Email: manisah@pmm.edu.my



Name: Norida Binti Tahu Position: Operation Assistant Ext: 7009 Email: norida@pmm.edu.my

Mathematics, Science & Computer Department



TECC



Classroom



Discussion Room



Prayer Room



Computer Laboratory



Science Laboratory



Lecturer Meeting Room



Gazebo

Introduction

The Mechanical Engineering Department, which is also known as JKM is an ancillary academic department that support the Foundation in TVET Programme. Besides, it also performs the academic supporting tasks (administration) in PMM.

JKM is managed by the head of department and supported by three (3) heads of programmes. The programmes offered are Diploma in Mechanical Engineering (DKM), Diploma in Mechanical Engineering (Manufacturing) (DTP), and finally Diploma in Mechatronics Engineering (DEM).



Name: Mohamad Najib Bin Mohamad Zain

Position: Head of Department Majoring: Mechanical Engineering

Ext: 4000

Email: mohamednajib@pmm.edu.my



Name: Khadijah binti Mohd Zainuddin Position: Head of Programme (Mechanical)

Majoring: Mechanical Engineering

Ext: 4002

Email: khadijah@pmm.edu.my



Name: Hazreen bin Othman

Position: Head of Programme (Manufacturing)

Majoring: Manufacturing Engineering

Ext: 4001

Email: hazreen@pmm.edu.my



Name: Gadaffi bin Omar

Position: Head of Programme (Mechatronic)

Majoring: Electrical Engineering

Ext: 4028

Email: gadaffi@pmm.edu.my

LIST OF STAFF



Name : Mohd As'ri bin Chik Position: Senior Lecturer Majoring: Mechanical Engineering

Ext: 1610

Email: mohdasri@pmm.edu.my



Name : Raman bin Ibrahim Position: Senior Lecturer Majoring: Manufacturing Engineering Fxt · 4090

Email: raman@pmm.edu.my



Name: Mohd Azamri bin Kandari Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4080

Email: mohd_azamri@pmm.edu.my



Name: Noor Mayafaraniza binti Kosnan Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4006 Email: noormaya@pmm.edu.my



Name: Hafizan bin Kosnin Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4080 Email: hafizan@pmm.edu.my



Name: Mohamad Hazizan bin Atan Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4100 Email: hazizan@pmm.edu.my



Name: Nazaruddin bin Mohtaram Position: Senior Lecturer Majoring: Manufacturing Engineering Ext: 4110

Email: nazaruddin@pmm.edu.my



Name: Muhammad Zahrin bin Tokijan Position: Senior Lecturer Majoring: Mechanical Engineering Email: muhammadzahrin@pmm.edu.my



Name: Leilawati binti Zakaria Position: Senior Lecturer Majoring: Mechanical Engineering Fxt: 4006 Email: leilawati@pmm.edu.my



Name: Normah binti Cheman Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4012 Email: normah.cheman@pmm.edu.my



Name: Muhamad Jais bin Gimin Position: Senior Lecturer Majoring: Manufacturing Engineering Email: jais@pmm.edu.my



Name: Lim Chee Hai Position: Senior Lecture Majoring: Mechanical Engineering Email: limcheehai@pmm.edu.my



Name: M. Hamdi bin Khosran Position: Senior Lecturer Majoring: Mechanical Engineering Email: hamdi@pmm.edu.my



Name: Ainul Azniza binti Ahmad Zaini Position: Senior Lecturer Majoring: Electrical Engineering Ext: 4013 Email: ainul@pmm.edu.my



Name: Mohamad Halim bin Ibrahim Position: Senior Lecturer Majoring: Mechanical Engineering Fxt: 4110 Email: halimpoli@gmail.com



Name: Syahrain bin Mat Yamin Position: Senior Lecturer Majoring: Manufacturing Engineering Ext: 4100 Email: syahrain@pmm.edu.my



Position: Senior Lecturer Majoring: Manufacturing Engineering Ext: 4090

Name: Zainol bin Othman



Name: Noor Azlan bin Ngasman Position: Senior Lecturer Majoring: Mechanical Engineering Fxt: 4006 Email: noorazlan@pmm.edu.my

LIST OF STAFF



Name: Simmathiri a/l Applanaidu Position: Senior Lecturer Majoring: Manufacturing Engineering Ext: 4006



Name: Wan Hasbulalfi bin Wan Harun Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4012 Email: w_hasbulalfi@pmm.edu.my



Name: Juliyanna Binti Aliman Position: Senior Lecturer Majoring: Mechatronic Engineering Ext: 4012

Email: juliyanna@pmm.edu.my

Position: Senior Lecturer Majoring: Mechanical Engineering

Name: Mohamad

Shahril bin Ibrahim

Ext: 4006



Name: Norakmar binti Jamal Position: Senior Lecturer Majoring: Mechnical Engineering Ext: 4006 Email: norakmar@pmm.edu.my



Name: Nasrah binti Mahmud Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4012 Email: nasrah@pmm.edu.my



Name: Kamisah binti Kamis Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4006 Email: kamisah@pmm.edu.my



Name: Aizura binti Abu Bakar Position: Senior Lecturer Majoring: Mechatronic Engineering Ext: 4013 Email: aizura@pmm.edu.my



Name: Myia Yuzrina Zalkis binti Ayol Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4012 Email: myia@pmm.edu.my



Name: Nor Hamidah Binti Yatim Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4013 Email: norhamidah.yatim@pmm.edu.my



Name: Gwee Chiou Chin Position: Senior Lecturer Majoring: Automation & Robotic Ext: 4012 Email: gwee@pmm.edu.my



Name: Jannatunnaim Binti Harun Position: Senior Lecturer Majoring: Automation & Robotic Ext: 4012 Email: jannatunnaim@pmm.edu.my



Name: Muhd Alif Al Bakri bin Abdullah Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4080 Email: muhammadalif @pmm.edu.my

Name: Suhaila binti Miskam Position: Senior Lecturer Majoring: Mechatronic Engineering Ext: 4006 Email: suhaila@pmm.edu.my



Name: Nor Azrin binti Nozmi Position: Senior Lecturer Majoring: Manufacturing Engineering Ext: 4012 Email: norazrin@pmm.edu.my



Name: Ishak Bin Mohamed Basir Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4006 Email: ishak@pmm.edu.my



Name: Norwadiah Binti Mohd Andai Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4013 Email: norwadiah@pmm.edu.my



Name: Noraini Binti Mohd Baidui Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4013 Email: noraini.mohdbaidui@pmm.edu.my

LIST OF STAFF



Name: Mohd As'ri bin Chik Position: Senior Lecturer

Majoring: Mechanical Engineering Ext: 1610

Email: mohdasri@pmm.edu.my



Name : Raman bin Ibrahim Position: Senior Lecturer Majoring: Manufacturing Engineering

Fxt · 4090

Email: raman@pmm.edu.my



Name: Mohd Azamri bin Kandari Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4080 Email: mohd_azamri@pmm.edu.my



Name: Noor Mayafaraniza binti Kosnan Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4006 Email: noormaya@pmm.edu.my



Name: Hafizan bin Kosnin Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4080 Email: hafizan@pmm.edu.my



Name: Mohamad Hazizan bin Atan Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4100 Email: hazizan@pmm.edu.my



Name: Nazaruddin bin Mohtaram Position: Senior Lecturer Majoring: Manufacturing Engineering Ext: 4110

Email: nazaruddin@pmm.edu.my



Name: Muhammad Zahrin bin Tokijan Position: Senior Lecturer Majoring: Mechanical Engineering Email: muhammadzahrin@pmm.edu.my



Name: Leilawati binti Zakaria Position: Senior Lecturer Majoring: Mechanical Engineering Fxt: 4006 Email: leilawati@pmm.edu.my



Name: Normah binti Cheman Position: Senior Lecturer Majoring: Mechanical Engineering Ext: 4012 Email: normah.cheman@pmm.edu.my



Name: Muhamad Jais bin Gimin Position: Senior Lecturer Majoring: Manufacturing Engineering Email: jais@pmm.edu.my



Name: Lim Chee Hai Position: Senior Lecture Majoring: Mechanical Engineering Email: limcheehai@pmm.edu.my



Name: M. Hamdi bin Khosran Position: Senior Lecturer Majoring: Mechanical Engineering Email: hamdi@pmm.edu.my



Name: Ainul Azniza binti Ahmad Zaini Position: Senior Lecturer Majoring: Electrical Engineering Ext: 4013 Email: ainul@pmm.edu.my



Name: Mohamad Halim bin Ibrahim Position: Senior Lecturer Majoring: Mechanical Engineering Fxt: 4110 Email: halimpoli@gmail.com



Name: Syahrain bin Mat Yamin Position: Senior Lecturer Majoring: Manufacturing Engineering Ext: 4100 Email: syahrain@pmm.edu.my



Name: 7ainol bin Othman Position : Senior Lecturer Majoring: Manufacturing Engineering Ext: 4090

Email: zainol@pmm.edu.my



Name: Noor Azlan bin Ngasman Position: Senior Lecturer Majoring: Mechanical Engineering Fxt: 4006 Email: noorazlan@pmm.edu.my



Metrology Lab.



Instrumentation & Control Lab



M-CAD Lab. 1



Plastic Workshop



Metallurgy Lab.



Robotic Lab.



Fluid Lab.



Lecture Room



Lecture Hall



Technical Drawing Room



Discussion Area



Seminar Room



Machine Workshop



Welding Workshop



Plant Lab.



Thermodynamic Lab.



Fitting Workshop



Foundry Workshop



Pneumatic & Hydraulic Lab.



CADCAM Lab.

Electrical Engineering Department

The Electrical Engineering department (JKE) is headed by Mr Adib Ridhwan Bin Adenan as the Head of Department, and he is assisted by Mr Mohd Asmadi Bin Idris, Head of DET Program, Mrs Nur Diyana binti Ismail, Head of DEP program, and lastly Mrs Siti Zulia binti Pirin, Head of DTK program.

The department has a staff complement of 52, from which 48 are academic staffs with grades ranging from DH34 up to DH54, and also 4 operational support staffs. The department's 3 programs averages around 800 students at any given academic session. The JKE Department, is an ancillary academic department that support the Foundation in TVET Programme.

Electrical Engineering Department Staffs



Name: Adib Ridhwan bin Adenan Position: Head of Department Majoring: Electrical Engineering

Ext: 3103

Email: adib_ridhwan@pmm.edu.my



Name: Nur Diyana binti Ismail

Position: Head of Programme (Electronic Engineering

Communication)

Majoring: Communication Engineering

Ext: 3001

Email: nurdiyana@pmm.edu.my



Name: Mohd Asmadi bin Idris

Position: Head of Programme (Electrical Engineering)

Majoring: Electrical Engineering

Ext: 3003

Email: asmadi@pmm.edu.my



Name: Siti Zulia binti Pirin

Position: Head of Programme (Electronic Engineering

Computer)

Majoring: Computer Engineering

Ext: 3040

Email: sitizulia@pmm.edu.my

Electrical Engineering Department

LIST OF STAFF



Name: Normah binti Jantan Position: Senior Lecturer Majoring: Computer Engineering Ext: 3026

Email: normah@pmm.edu.my



Name: Dr. Fizatul Aini binti Patakor Position: Senior Lecturer Majoring: Electrical Engineering Ext: 3046 Email: fizatul@pmm.edu.my



Name: Rodzah binti Hj. Yahya Position: Senior Lecturer Majoring: Communication Engineering Fxt: 3046

Email: rodzah@pmm.edu.mv



Name: Ts. Hj. Zahidi bin Zamzuri Position: Senior Lecturer Majoring: Electrical Engineering Ext: 3050 Email: zahidizamzuri@pmm.edu.my



Name: Aziliawati binti Abu Bakar Position: Senior Lecturer Majoring: Communication Engineering Ext: 3022 Email: aziliawati@pmm.edu.my



Name: Norhasikin binti Pathoraagi Position: Senior Lecturer Majoring: Electrical Engineering Ext: 3046 Email: norhasikin@pmm.edu.my



Name: Siti Hasmah binti Jamali Position: Senior Lecturer Majoring: Communication Engineering Ext: 3022



Position: Senior Lecturer Majoring: Electronic Engineering Ext: 3046 Email: fauziah_aliman@pmm.edu.my

Name: Fauziah binti Aliman

maii: fauzian_aiiman@pmm.eau.m



Name: Mohamad Shukor bin Amin Position: Senior Lecturer Majoring: Computer Engineering Ext: 3021 Email: mohamadshukor@pmm.edu.my



Name: Dr. Aspalilla binti Main Position: Senior Lecturer Majoring: Computer Engineering Ext: 3028 Email: ospalilla@pmm.edu.my



Name: Ariffuddin bin Ibrahim Position: Senior Lecturer Majoring: Communication Engineering Ext: 3021 Email: ariffuddin@pmm.edu.my



Name: Syamsul Bahri bin Mohamad Position: Senior Lecturer Majoring: Communication Engineering Ext: 3080 Email: syamsulbahri@pmm.edu.my



Name: Shahidzwan bin A. Rahim Position: Senior Lecturer Majoring: Communication Engineering Ext: 3024 Email: shahidzwan@pmm.edu.my



Name: Norzilah binti Hussin Position: Senior Lecturer Majoring: Computer Engineering Ext: 3006 Email: norzilah@pmm.edu.my



Name: Nor Asilah binti Surip Position: Senior Lecturer Majoring: Communication Engineering Ext: 3046 Email: asilah@pmm.edu.my



Name: Haryani binti Hassan Position: Senior Lecturer Majoring: Electrical Engineering Ext: 3006 Email: haryani@pmm.edu.my



Name: Maizun binti Jamil Position: Senior Lecturer Majoring: Computer Engineering Ext: 3006 Email: maizun@pmm.edu.my



Name: Md. Nazri bin Darlu Position: Senior Lecturer Majoring: Electrical Engineering Ext: 3080 Email: mdnazri@pmm.edu.my

Electrical Engineering Department

LIST OF STAFF



Name: Mohd Faris bin Hishamuddin Position: Senior Lecturer Majoring: Computer Engineering Ext: 3046



Name: Athirah binti A. Rahim Position: Senior Lecturer Majoring: Electrical Engineering Ext: 3020 Email: athirah@pmm.edu.my



Name: Subashnee a/p Marimuthu Position: Senior Lecturer Majoring: Electrical Engineering Ext: 3022 Email: subashnee@pmm.edu.my



Name: Dr. Normazlina binti Mat Isa Position: Senior Lecturer Majoring: Electrical Engineering Ext: 3040 Email: normazlina@pmm.edu.my



Name: Amir bin Awang @ Muda Position: Senior Lecturer Majoring: Communication Engineering Ext: 3050 Email: amir_awang@pmm.edu.my



Name: Muhammad Hafizullah bin Zakaria Position: Senior Lecturer Majoring: Computer Engineering Ext: 3040 Email: muhdhafizullah@pmm.edu.my



Name: Siti Aishah binti Hanis Position: Senior Lecturer Majoring: Computer Engineering Ext: 3040 Email: s_aishah@pmm.edu.my



Name: Fadilah binti Mohamad Najuri Position: Senior Lecturer Majoring: Communication Engineering Ext: 3040 Email: fadilah@pmm.edu.my



Name: Rosfazliszah binti Zahir Position: Senior Lecturer Majoring: Computer Engineering Ext: 3046 Email: rosfazliszah@pmm.edu.my



Name: Zahrim bin Abd Rahman Position: Lecturer Majoring: Computer Engineering Ext: 3027 Email: zahrim@pmm.edu.my



Name: Isma Shamsuria binti Ismail Position: Senior Lecturer Majoring: Computer Engineering Ext: 3022 Email: ismashamsuria@pmm.edu.my



Name: Nor Maizatul Mona binti Husin Position: Lecturer Majoring: Computer Engineering Ext: 3046 Email: normaizatul@pmm.edu.my



Name: Zoraimi bin Ali Position: Lecturer Majoring: Electrical Engineering Ext: 3102 Email: zoraimi@pmm.edu.my



Name: Sahrudin bin Saad Position: Lecturer Majoring: Electrical Engineering Ext: 3101 Email: sahrudin@pmm.edu.my



Name: Noranizah binti Solihin Position: Lecturer Majoring: Electrical Engineering Ext: 3040 Email: noranizah@pmm.edu.my



Name: Nurhazwani binti Saleh Position: Lecturer Majoring: Electrical Engineering Ext: 3050 Email: nurhazwani@pmm.edu.my



Name: Afrezayu binti Johari Position: Lecturer Majoring: Electrical Engineering Ext: 3020 Email: afrezayu@pmm.edu.my



Name: Maizatul Akhmar binti Mohamad Nor Position: Lecturer Majoring: Electrical Engineering Ext: 3040

Electrical Engineering Department

LIST OF STAFF



Name: Nurul Asyikin binti Mad Yusuf Position: Senior Lecturer Majoring: Communication Engineering Ext: 3040 Email: norhafiza_shahrom@pmm.edu.my



Name: Dr. Hasmaini binti Hashim Position: Senior Lecturer Majoring: Communication Engineering Ext: 3046 Email: hasmaini@pmm.edu.my



Name: Norhafiza binti Sharom Position: Lecturer Majoring: Communication Engineering Ext: 3040 Email: norhafiza_shahrom@pmm.edu.my



Name: Shafura binti Shariff Position: Lecturer Majoring: Electrical Engineering Ext: 3006 Email: shafura@pmm.edu.my



Name: Hanisah binti Salam Position: Lecturer Majoring: Electrical Engineering Ext: 3046 Email: hanisah@pmm.edu.my



Name: Suzeyhareda binti Abd Hamid Position: Lecturer Majoring: Communication Engineering Ext: 3040 Email: suzeyhareda_h@pmm.edu.my



Name: Norharpah binti Ramly Position: Operational Assistant Ext: 3009

Email: norharpah@pmm.edu.my



Name: Yusof bin Ismail Position: Lecturer Majoring: Electrical Engineering Ext: 3101 Email: yusof@pmm.edu.my



Name: Muhamad Redzuan bin Nazar

Position: Assistant Engineer
Email: mredzuan@pmm.edu.my



Name: Shahanaz Razeme bin Kamarud-

din

Position: Lab Assistant Email: mohd_hanafi@pmm.edu.my



Name: Mohd Hanafi bin Mahmud
Position: Assistant Engineer

Email: mohd_hanafi@pmm.edu.my

Electrical Engineering Department



Meeting Room



Server Room



Computer Aided Design Laboratary



TEC Room



Classroom



Student Corner

Electrical Engineering Department



Telecommunication Laboratary



Computer Repair Laboratary



Computer Hardware Laboratary



Computer Programming Laboratary



Electronic Repair Laboratary



Electrical Machine Laboratary

Electrical Engineering Department



Electrical Principle & Technolgy Laboratary



Instrumentation Laboratary



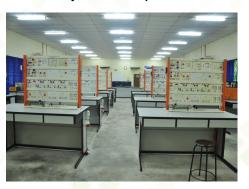
Wiring Laboratary



Project Laboratary



Advanced Telecommunication Laboratary



Power System Laboratary

Electrical Engineering Department



Lecture Hall



Entrepreneurship Incubator Room



Measurement Laboratary



Data Communication Laboratary



Advanced Telecommunication Laboratary



Electronic Laboratary

Introduction

The Department of Civil Engineering (JKA), Politeknik Merlimau consists of three (3) units, Civil Engineering Unit, Architecture Unit and Geomatics Unit. This department led by En Ab Razak bin Ahmat as Head Department and assisted by three (3) Head of Programme. They are Azah binti Abas, Head of Programme, Civil Engineering Unit, Noor Aini binti Mistar, Head of Programme, Architecture Unit and Azrina binti Zolkifli, Head of Programme, Geomatics Unit

With the strength of 51 lecturers consisting of DH54, DH52, DH48, DH44, DH42, DH41, DH34 and DH32 grade lecturers, the Department of Civil Engineering, Politeknik Merlimau offers 3 courses at the Diploma level. The JKA Department, is an ancillary academic department that support the Foundation in TVET Programme.

Civil Engineering Department Staffs



Name: Ab Razak bin Ahmat Position: Head of Department Majoring: Architecture

Ext: 2000

Email: ab.razak@pmm.edu.my



Name: Azah binti Abas Position: Head of Programme (Civil Engineering) Majoring: Civil Engineering

Ext: 2001

Email: azah@pmm.edu.my



Name: Azrina binti Zolkifli Position: Head of Programme (Geomatic) Majoring: Geomatic (GIS)

Ext: 2023

Email: azrina_zolkifli@pmm.edu.my



Name: Noor Aini binti Mistar Position: Head of Programme (Architecture) Majoring: Architecture

Ext: 2002

Email: noor_aini@pmm.edu.my

LIST OF STAFF



Name: Dr. Maria binti Mohammad Position: Senior Lecturer Majoring: Architecture Ext: -Email: maria_mohammad@pmm.edu.my



Name: Hj Zamali bin Omar Position: Senior Lecturer Majoring: Civil Engineering Ext: 2030 Email: zamali@pmm.edu.my



Name: Firhan bin Salian Position: Senior Lecturer Majoring: Land Survey Ext: 2023 Email: firhan@pmm.edu.my



Name: Dr. Noor Azah Binti Abdul Rahman Position: Senior Lecturer Majoring: Civil Engineering Ext: -Email: noorazah@pmm.edu.my



Name: Ts Dr. Erita Mazwin binti Mazlan Position: Senior Lecturer Majoring: Civil Engineering Ext: -Email: erita@pmm.edu.my



Name: Siti Marlinna Chu bt Mohd Rizal Chu Position: Senior Lecturer Majoring: Civil Engineering Ext: 2006 Emall: sitimarlina@pmm.edu.my



Name: Anafiah Bt Hamzah Position: Senior Lecturer Majoring: Civil Engineering Ext: 2125 Email: anafiah@pmm.edu.my



Name: Suhaila bt Safie Position: Senior Lecturer Majoring: Civil Engineering Ext: 2112 Email: suhaila@pmm.edu.my



Name: Hasniza bt. Harun Position: Senior Lecturer Majoring: Land Survey Ext: 2005 Email: hasniza@pmm.edu.my



Name: Ayu Wirdawati binti Po'a Position: Senior Lecturer Majoring: Civil Engineering Ext: 2006 Email: wirdawati @pmm.edu.my



Name: Noorhaslizah Bt Ahmad Rosli Position: Senior Lecturer Majoring: Civil Engineering Ext: 2005 Email: noorhaslizah_ar@pmm.edu.my



Name: Suriawati bt Jusoh Position: Senior Lecturer Majoring: Land Survey Ext: 2013 Email: suriawati@pmm.edu.my



Name: Noor Asmida bt. Abu Bakar Position: Senior Lecturer Majoring: Land Survey Ext: 2006 Email: noorasmida@pmm.edu.my



Name: Dr Hassan Bin Ismail Position: Senior Lecturer Majoring: Civil Ext: 2021 Email: hassan@pmm.edu.my



Name: Safhiful Rabbi Bin Mohammad Noor Position: Senior Lecturer Majoring: Civil Engineering Ext: -



Name: Noor Faizah binti Zohardin Position: Senior Lecturer Majoring: Geomatic Ext: 2008 Email: noorfaizah@pmm.edu.my

Email: safhifulrabbi@pmm.edu.my

LIST OF STAFF



Name: Ahmad Yusof bin Sahdan Position: Senior Lecturer Majoring: Geomatic Fxt: 7022

Email: ahmadyusof@pmm.edu.my



Name: Hazilah binti Mohamad Position: Senior Lecturer Majoring: Civil Engineering Ext: 2016 Email: hazilah@pmm.edu.my



Name: Juliawati binti Jama'on Position: Senior Lecturer Majoring: Civil Engineering Fxt: 2017 Email: juliawati@pmm.edu.my



Name: Fadhillah binti Mohd Nasir Position: Senior Lecturer Majoring: Architecture Email: fadhillah@pmm.edu.my



Name: Zariasya binti Jumaat Position: Senior Lecturer Majoring: Civil Engineering
Ext: 2007 Email: zariasya@pmm.edu.my



Name: Mohd. Nizamuddin bin Mohd. Dawang Position: Lecturer Majoring: Civil Engineering Ext: 2130 Email: mohdnizamuddin@pmm.edu.my



Name: Syahidah Bt Salleh Position: Lecturer Majoring: Civil Engineering Ext: 2004 Email: syahidah@pmm.edu.my



Name: Mohd Shafrizal Bin Md. Hasan Position: Lecturer Majoring: Architecture Ext: 2014 Email: mohdshafrizal@pmm.edu.my



Name: Jusmine Hanis binti Abdullah Position: Senior Lecturer Majoring: Civil Engineering Fxt. Email: jusminehanis@pmm.edu.my



Name: Yee Wui Chee Position: Senior Lecturer Majoring: Geomatic Email: yeewuichee@pmm.edu.my



Name: Nor Azilla Wati binti Zamri Position: Senior Lecturer Majoring: Architecture Ext: 2017 Email: norazilla@pmm.edu.my



Position: Senior Lecturer Majoring: Architecture Email: Amran@pmm.edu.my



Name: Hjh. Izalisa bt. Ahmad Position: Senior Lecturer Majoring: Architecture Fxt: 2012 Email: izalisa@pmm.edu.my



Name: Rohafiza binti Md Darus Position: Senior Lecturer Majoring: Land Survey Email: rohafiza@pmm.edu.my



Name: Nor Shazlyn binti Mohd Alwi Position: Lecturer Majoring: Civil Engineering Fxt: 2016 Email: norshazlyn@pmm.edu.my



Name: Hjh. Nor Wariza Bt Jufri Position: Lecturer Majoring: Civil Engineering Ext: 2023 Email: norwariza@pmm.edu.my

LIST OF STAFF



Name: Aizaliana Bt. Mohamad Adnan Position: Lecturer Majoring: Architecture Ext: 2017

Email: aizaliana@pmm.edu.my



Name: Saripah Bt Hj. Abdullah Position: Lecturer Majoring: Architecture Ext: 2012 Email: saripah@pmm.edu.my



Name: Siti Zawiyah Bt Hussain Position: Lecturer Majoring: Civil Engineering Ext: 2005 Email: sitizawiyah@pmm.edu.my



Name: Nurul Aqillah Bt Johar Position: Lecturer Majoring: Architecture Ext: 2007 Email: aqilah@pmm.edu.my



Name: Nurfazilah binti Mat Salleh Position: Lecturer Majoring: Civil Engineering Email: nurfazilahms@pmm.edu.my



Name: Norlydah binti Othman Latpi Position: Lecturer Majoring: Geomatic Email: norlydah_oc@pmm.edu.my



Name: Hj. Mubin b. Minhaj Position: Lecturer Majoring: Civil Engineering Fxt: 2138 Email: mubin@pmm.edu.my



Name: Siti Noor Asyikin bt Haji Alias Position: Lecturer Majoring: Civil Engineering Ext: 2013 Email: sitinoorasyikin@pmm.edu.my



Name: Rosilawati Binti Ahmad Khalil Position: Lecturer Majoring: Civil Engineering Ext: 2012 Email: rosilawati@pmm.edu.my



Name: Ahmad Faizal bin Aziz Position: Lecturer Majoring: Civil Engineering Ext: 1190 Email: ahmadfaizal@pmm.edu.my



Name: Intan Zuriana bt Bakri Position: Lecturer Majoring: Civil Engineering Email: intanzuraini@pmm.edu.my



Name: Hairy b. Omar Position: Lecturer Majoring: Civil Engineering Email: hairy@pmm.edu.my



Name: Nur Hidayah Bt Mohamad Position: Lecturer Majoring: Civil Engineering Ext: 2007 Email: nurhidayah@pmm.edu.my



Name: Siti Nurazrin binti Sheikh Ismail Position: Lecturer Majoring: Geomatic Email: abza@pmm.edu.my



Lecture Hall



Archaive Room



AVA Room



Lecturers' Room



Architecture Working Room



Exhibition Room



Architectural Studio



Highway Lab



Structure Lab



Plumbing Workshop



Concrete Lab



Carpentry Workshop



Geotechnic Lab





GIS, Remote Sensing & Carthography Lab



Photogrammetry Lab



CADD Lab 1



CADD Lab 2



Meeting Room



Hydraulic Lab



Eng. Survey, Cadastral and Hydrographic Survey Lab

General Studies Department

Introduction

The General Studies Department strives to produce excellent students in both cognitive and spiritual faculties. For that end, the department provides courses that complement the programmes offered by the main departments.

The English courses prepare the students with the essential knowledge and skills in communication to meet the challenges in their future workplace. Apart from that, students are also nurtured with the teachings of Islam, moral values and the knowledge of Islamic civilization.

This department comprises the Head of Department, together with two Heads of Course and also lecturers from the English Language Unit and the Islamic Education and Moral Studies Unit. The English Language Unit consists of 12 lecturers while the Islamic Education and Moral Studies unit has a total number of 12 lecturers. Furthermore, the department has two language laboratories and one technology enable classroom (TEC) that are equipped with the necessary peripherals to enhance the languages learning and teaching sessions.

Lastly, it is with high expectation that this Programme Handbook will enlighten the students regarding the courses offered by the General Studies, Department Politeknik Merlimau.



General Studies Department

General Studies Department Staffs



Name: Mohamad Faisal bin Ahmad Position: Head of Department Majoring: Pendidikan Islam & Moral

Ext: 8009

Email: mfaisal@pmm.edu.my



Name: Nor Fazila binti Shamsuddin Position: Head of Course (English)

Majoring: English

Ext: 8002

Email: norfazila@pmm.edu.my



Name: Abdul Rahman bin Abdul Gapar

Position: Head of Course (Pendidikan Islam & Moral)

Majoring: Pend.Islam & Moral

Ext: 8001

Email: abdrahman@pmm.edu.my



Name: Rozaina binti Abdul Latif Position: Senior Lecturer Majoring: English Ext: 8003 Email: rozaina@pmm.edu.my



Name: Md.Shukri bin Abd.Rahim Position: Senior Lecturer Majoring: Pendidikan Islam & Moral Ext: 8008 Email: mdshukri@pmm.edu.my



Name: Marina binti Abu Bakar Position: Senior Lecturer Majoring: English Ext: 8008 Email: marina@pmm.edu.my



Name: Gan Ek Hern Position: Lecturer Majoring: English Ext: 8004 Email: gan@pmm.edu.my



Name: Nurul Nadiha binti Kassim Position: Lecturer Majoring: English Ext: 8003 Email: nurulnadiha@pmm.edu.my



Name: Norafidah binti Hj Abdullah Position: Lecturer Majoring: English Ext: 8006 Email: norafidah@pmm.edu.my



Name: Noor Syahrina Azween binti Md Saru Position: Lecturer Majoring: English Ext: 8006 Email: noorsyahrinaazween@pmm.edu.my



Name: Yeo Li Min Position: Lecturer Majoring: English Ext: 8006

Email: yeolimin@pmm.edu.my

General Studies Department

LIST OF STAFF



Name: Nur Farhana binti Misno Position: Lecture Majoring: English Ext: 8008

Email: nurfarhana@pmm.edu.my



Name: Rosheela binti Muhammad Thangaveloo Position: Lecturer Majoring: English Ext: 8003



Name: Putra Shazly bin Rosman Position: Lecturer Majoring: English Fxt: 8004

Email: putra_shazly@pmm.edu.my



Name: Bobby Chew Han Yong Position: Lecturer

Majoring: English Fxt: 8009

Email: bobby_chew@pmm.edu.my



Name: Maisarah binti Abdul Latif Position: Lecturer

Majoring: English Ext: 8008

Email: maisarah_latif@pmm.edu.my



Name: Ibrahim bin Abdullah Position: Lecturer Majoring: Pendidikan Islam & Moral Ext: 8009

Email: ibrahim@pmm.edu.my



Name: Siti Noor binti Hussain Position: Lecturer Majoring: Pendidikan Islam & Moral Ext: 8003 Email: sitinoor@pmm.edu.my



Name: Munirah binti Mustaffa Position: Lecturer Majoring: Pend.Islam & Moral Ext: 8006 Email: munirah_m@pmm.edu.my



Name: Sharifah Nur binti Abu Position: Lecturer Majoring: Pendidikan Islam & Moral Ext: 8009 Email: sharifah_nur@pmm.edu.my



Name: Mohd Haikal Akashah bin Md Nor Position: Lecturer Majoring: Pend.Islam & Moral

Fxt: 8004

Email: mohdhaikal@pmm.edu.my



Name: Adnan bin Derahman Position: Lecturer Majoring: Pend.Islam & Moral Ext: 8009 Email: adnan@pmm.edu.my



Name: Mohd Lokman bin Ahmad Position: Lecturer Majoring: Eend.Islam & Moral

Email: mohdlokman@pmm.edu.my



Name: Farahaniza binti Jaafar Position: Lecturer Majoring: Pend.Islam & Moral Fxt: 8006

Email: farahaniza@pmm.edu.my



Name: Shahrizah binti Husin Position: Lecturer Majoring: Eend.Islam & Moral

Fyt: 8009

Email: shahrizah@pmm.edu.my



Name: Radhiyah binti Sagap Position: Office Assisstant Majoring: -Ext: 8004 Email: radhiyah@pmm.edu.my

Higher Academic Pathway

LIST OF UNIVERSITY	PROGRAMME	INFORMATION
THM eskelew the Chiversiti fun Hussein	Bachelor in Mechanical Engineering with Honours Bachelor in Mechanical Engineering Technology (Automotive) with Honours Bachelor in Mechanical Engineering Technology (Manufacturing) with Honours	Universiti Tun Hussein Onn Malaysia (UTHM) 86400 Parit Raja, Batu Pahat Johor, Malaysia Tel: +607 453 7690/375/689/685 Fax: +607 453 6085 Web: www.uthm.edu.my
WALAYSIA MILLIANSIA	Bachelor Of Industrial Engineering with Honours Bachelor in Mechanical Engineering with Honours Bachelor in Mechanical Engineering Technology with Honours Bachelor in Manufacturing Engineering with Honours	Universiti Teknikal Malaysia Melaka, Hang Tuah Jaya, 76100 Durian Tunggal, Melaka, Malaysia. Tel: +606 2702846/1967/1964 Fax: +606 2701067 Web: www.utem.edu.my
Ummap	Bachelor of Mechanical Engineering with Honours Bachelor of Mechanical Engineering Technology (Honours) (Machining) Bachelor of Mechanical Engineering Technology (Honours) (Agriculture System) Bachelor of Mechanical Engineering Technology (Honours) (Product Development)	Universiti Malaysia Perlis, Exit Lebuhraya Changlun - Kuala Perlis, 02600 Arau, Perlis , Malaysia. Tel.: +604 9798706/7941/7940 Fax: +604 9798703 Web: www.unimap.edu.my
Universiti Malaysia PAHANG Engange - Banday - Canada	Bachelor of Industry Technology Management with Honours Bachelor of Engineering Technology (Manufacturing) with Hons. B.Eng (Hons.) Mechanical Engineering B.Eng (Hons.) Manufacturing Engineering	Universiti Malaysia Pahang Lebuhraya Tun Razak 26300 Gambang Kuantan, Pahang , Malaysia. Tel: +609 4245268/5263/5269 Fax: +609 4245262 Web: www.ump.edu.my

Program Educational Objectives (PEO) & Program Learning Outcomes (PLO)

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

Upon programme completion, the graduates are able to:

- PEO1: apply fundamental knowledge and skills in engineering technology when pursuing higher education.
- PEO2: engage to collaborative conducts, communicating effectively, and displaying good values while pursuing further education
- PEO3: continue engagement and commitment to continuous learning in engineering and technology.

PROGRAMME LEARNING OUTCOMES (PLO)

Upon completion of the programme, students should be able to:

- PLO1: utilise facts to describe and discuss concepts, principles, and processes in a specific field of study;
- PLO2: apply fundamental principles in the field of study to identify and solve problems;
- PLO3: conduct academic activities such as collect, analyse, organise, and process data/information to make conclusions individually or in groups;
- PLO4: communicate effectively in oral and writing;
- PLO5: utilise basic digital technology applications to seek and process data related to a specific field of study; and
- PLO6: search, interpret, and use relevant information ethically to pursue lifelong learning independently.

Programme Structure

				onta	ct Ho	ur	
CLASSIFICATION	COURSE CODE	COURSE	L	Р	Т	0	Credi Value
	FU10012	Thinking Skills	2	0	0	0	2
	FB10013	Basic Information and Communication Technology	2	2	0	0	3
Common Core	FU10022	English 1	2	0	0	0	2
	FB10023	Mathematics 1	2	0	2	0	3
	FB10033	Fundamental of Engineering Technology	2	2	0	0	3
	FB10044	Physics 1	2	2	1	0	4
Core	FB10054	Chemistry 1	2	2	1	0	4
Specialization	FB10104	Basic of Engineering Technology	1	4	0	0	4
		COURSE SEMESTER 2					
CLASSIFICATION	COURSE CODE	COURSE	C	Contact Hour			Credi
CLASSIFICATION	COURSE CODE	COURSE	L	P	T	0	Value
	FU200322	Pendidiakn Islam*	2	0	0	0	2
	FU20132	Pendidikan Moral**	2	0	0	0	2
Common Core	FU20042	English 2	2	0	0	0	2
	FU20051	Co-Curiculum	0	1	0	0	1
	FB20064	Physics 2	2	2	1	0	4
Core	FB20074	Chemistry 2	2	2	1	0	4
	FB20084	Mathematics 2	2	0	2	0	4
Coopialization	FM20014	Mechanical Engineering Technology	2	4	0	0	4
Specialization	FB20094	TVET Project	0	8	0	0	4
		DIT		3	33		25
OTAL CONTACT I	HOURS AND CRE	DII			,,,		20

Synopsis & Course Learning Outcomes (CLO)

SEMESTER	COURSE	CREDIT	synopsis	CLO
1	FU10012 THINKING SKILLS	2	THINKING SKILLS Course encourages students to reflect on the processes of thinking, as well as developing and practising thinking skills. It involves the ability to process critically, actively and skillfully conceiving, applying, analysing, and evaluating information gathered from observation, experience, reflection, reasoning or communication as a guide to belief and action. This course helps the students to develop and support their beliefs and evaluate the strength of arguments made by others in real-life situations. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: explain the concept of critical and creative thinking (C2, PLO1) CLO2: discuss the attributes of being critical, creative and innovative in learning and life (A2, PLO6) CLO3: find better decisions through critical thinking and creative problem solving (C3, PLO2)
	FB10013 BASIC INFORMATION AND COMMUNICATION TECHOLOGY	3	This course aims to prepare students with sufficient up-to-date Information and Communication Technology (ICT) knowledge and skills that are consistent with current ICT trends. It covers IT literacy, information system, social informatics and network computing. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: describe concepts and processes related to ICT effectively (C2, PLO1) CLO2: apply suitable ICT tools to solve ICT related problems (P3, PLO3) CLO3: solve problems using appropriate ICT tools. (P3, PLO5)

Synopsis & Course Learning Outcomes (CLO)

SEMESTER	COURSE	CREDIT	SYNOPSIS	cro
	FB10022 ENGLISH 1	2	ENGLISH 1 focuses on Productive Skills which includes Speaking Skills and Writing Skills as well as Receptive Skills which refers to Listening Skills and Reading Skills. These skills enable students to produce language in written and spoken forms; other than to be able to create and communicate new ideas. This course is designed to prepare foundation students to become a progressive B1 independent user (refer to CEFR level) to be proficient English language users in both academic and social contexts. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: select various information from range of listening tasks independently (A2, PLO6) CLO2: practice effective communication and social skills in exchanging information and expressing opinions (A2, PLO4) CLO3: outline relevant information by interpreting and responding to basic language functions to demonstrate the ability to select and articulate information from references (C2, PLO1)
1	FB10023 MATHEMATICS 1	3	MATHEMATICS 1 course is designed to equip students with knowledge of mathematics and the ability to solve problems and propose solutions using mathematical terms, notation, principles and methods to pursue education in first semester of TVET foundation. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: explain fundamental concepts and theories in Algebra and Calculus (C2, PLO1) CLO2: solve problems using appropriate mathematical methods or tools in Algebra and Calculus (C3, PLO2) CLO3: propose solutions for real life problems through group discussion (A3, PLO6)

Synopsis & Course Learning Outcomes (CLO)

SEMESTER	COURSE	CREDIT	synopsis	CLO
1	FB10044 PHYSICS 1	4	PHYSICS 1 course is designed to enable students acquire knowledge, practical skills and problem solving skills in basic Physics. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: explain basic concepts of physics of motion, force and energy, waves, matter and thermodynamics (C2, PLO1) CLO2: solve problems related to physics of motion, force and energ (C3, PLO2)y, waves, matter and thermodynamics CLO3: display manipulative skills during experiments in measurement and uncertainty, free fall and projectile motion, energy, rotational motion of rigid body, simple harmonic motion, and standing waves in laboratory (P3, PLO3)
	FB10054 CHEMISTRY 1	4	CHEMISTRY 1 is designed to equip students with basic concepts, principles and correct techniques in handling laboratory apparatus and chemicals and problem solving skills in physical chemistry. Prerequisite: None	Upon completion of this course, students Upon completion of this course, students should be able to: CLO1: explain basic concepts and principles of physical chemistry in real life situations(C2, PLO1) CLO2: apply basic concepts and principles of physical chemistry in solv- ing chemistry related problems (C3, PLO2) CLO3: display the correct techniques in handling laboratory apparatus and chemicals when carrying out experiments (P3, PLO3)

Synopsis & Course Learning Outcomes (CLO)

SEMESTER	COURSE	CREDIT	synopsis	cto
	FB10033 FUNDAMENTAL OF ENGINEERING TECHNOLOGY	3	FUNDAMENTAL OF ENGINEERING TECHNOLOGY course is designed to equip students with a comprehensive-knowledge and skills related engineering technology. This course also focuses on history of engineering technology, calculation and measurement which are the core of the engineering technology field. It will emphasize on fundamental usage of calculator, trigonometry and understanding its relationships with theories learned.	Upon completion of this course, students should be able to: CLO1: explain the fundamental of engineering technology problems (C3, PLO2) CLO2: demonstrate application of engineering technology using appropriate tools (P3, PLO3) CLO3: respond to the problems using engineering technology in industry (P3, PLO3)
1	FB10104 BASIC OF ENGINEERING TECHNOLOGY	4	Prerequisite: None BASIC OF ENGINEERING TECHNOLOGY focuses on the introduction to the role of engineers in the industry. In this course, students will be exposed to safety and health of the public, technology and development in the industry of engineering technology. This course also covers the meaning and impacts of engineering in society, ethical decision making, professional codes of ethics and basic knowledge on Computer Aided Drawing (CAD) and Building Information Building (BIM). The students will be able to display excellent communication skills for working in group projects and organizing the activities of engineering practice in the society. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: apply the principal of engineering in the field of study (C3, PLO2) CLO2: construct engineering drawing using appropriate tool and equipment correctly (P4, PLO2) CLO3: engage in continuous learning and acquire essential skill of basic engineering technologies (P3, PLO5)

Synopsis & Course Learning Outcomes (CLO)

SEMESTER	COURSE	CREDIT	SYNOPSIS	cro
	FU20032 PENDIDIKAN ISLAM	2	kursus PENDIDIKAN ISLAM disediakan untuk melahirkan warganegara yang faham tasawwur (konsep) Islam sebagai satu cara hidup yang bersepadu dan seimbang serta berupaya menghadapi pelbagai masalah dan cabaran. Perbincangan berasaskan kepada konsep-konsep asas Islam, Islam sebagai cara hidup, institusi Islam dan cabaran semasa. Pengajaran dan pembelajaran akan dilaksanakan dalam bentuk kuliah, tugasan, tunjuk cara, pengalaman pembelajaran atau pembelajaran berasaskan masalah.	Upon completion of this course, student-should be able to: CLO1: menunjukkan dengan yakin amalan sistem Islam dalam kehidupan seharian seorang muslim. (A2, PLO6) CLO2: menerangkan etika dan profesionalisme dalam institusi keluarga kearah pembentukan ummah yang mapan. (A3, PLO4) CLO3: mencadangkan inisiatif yang signifikan dalam mendepani cabaran semasa masyarakat Islam di Malaysia. (A3, PLO6)
2	FU20132 PENDIDKAN MORAL	2	Prerequisite: None Nilai dan etika masyarakat Malaysia sering diperkatakan sejak kebelakangan ini. Kehidupan yang penuh cabaran memerlukan individu yang mempunyai asas pegangan agama dan moral yang kukuh. Modul Pendidikan Moral akan melahirkan warganegara yang mempunyai moral yang terpuji dalam menghayati warisan dan budaya masyarakat Malaysia. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: membincangkan konsep moral dan etika dalam konteks kepelbagaian kaum di Malaysia (A2, PLO6) CLO2: menerangkan etika dan profesionalisme dalam menghadapi isu-isu moral masyarakat di Malaysia (A3, PLO4) CLO3: mencadangkan inisiatif yang signifikan dalam mendepani cabaran isu-isu moral masyarakat Malaysia (A3, PLO6)

Synopsis & Course Learning Outcomes (CLO)

SEMESTER	COURSE	CREDIT	SYNOPSIS	CIO
2	FU20042 ENGLISH 2	2	ENGLISH 2 aims to enable foundation students to become more proficient in English language by focusing deeper on Productive Skills (speaking skills and writing skills) as well as Receptive skills (listening and reading skills). Hence, this course is designed to help them in delivering information and viewpoint effectively, able to use relevant information by analyzing and responding to language functions appropriately. Foundation students are aimed to be an Independent English language user or a progressive B1 user based on the Common European Framework of Reference (CEFR). Prerequisite: None	Upon completion of this course, students should be able to: CLO1: work on various information from range of listening tasks independently (A3, PLO6) CLO2: demonstrate effective communication and social skills in delivering information and viewpoints (A3, PLO4) CLO3: use relevant information by analyzing and responding to language functions to compose different types of essay using appropriate writing conventions (C3, PLO1)
	FU20051 CO-CURRICULUM	2	CO-CURRICULUM course is offered to all TVET foundation students in preparing them with attributes that develop their interpersonal and leadership skills. This course require students to participate in outside-the-classroom activity/project and to acquire specific skills in sports or clubs. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: present acquired skills in co-curricular activities (P2, PLO3) CLO2: demonstrate leadership and teamwork skills in organizing club/ sports/community service (A3, PLO6)

Synopsis & Course Learning Outcomes (CLO)

SEMESTER	COURSE	CREDIT	SYNOPSIS	CLO
	FB20064 PHYSICS 2	4	PHYSICS 2 course is designed to help students acquire knowledge, practical skills and problem solving skills in basic physics. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: explain basic concepts of electric current, electronics, magnetism, optics, wave properties of particles and nuclear physics (C2, PLO1) CLO2: solve problems of electric current, electronics, magnetism, optics, wave properties of particles and nuclear physics. (C3, PLO2) CLO3: display maipulative skills during experiments in capacitor, electric current and direct current circuits, magnetic field and optics (P3, PLO3)
2	FB20074 CHEMISTRY 2	4	CHEMISTRY 2 is designed to equip students with basic concepts and principles, correct techniques in handling laboratory apparatus and chemicals and problem solving skills in physical and organic chemistry. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: explain basic concepts and principles of physical and organic chemistry in real life situations (C2, PLO1) CLO2: apply basic concepts and principles of physical and organic chemistry in solving chemistry related problems CLO3: display the correct techniques in handling laboratory apparatus and chemicals when carrying out experiments (P3, PLO3)

Synopsis & Course Learning Outcomes (CLO)

SEMESTER	COURSE	CREDIT	synopsis	cro
	FB20084 MATHEMATICS 2	4	MATHEMATICS 2 course is designed to equip students with knowledge of mathematics and the ability to solve problems and propose solutions using mathematical terms, notation, principles and methods to pursue higher level of education. Prerequisite: None	Upon completion of this course, students should be able to: CLO1: explain fundamental concepts and theories in Calculus and Statistics (C2, PLO1) CLO2: solve problems using appropriate mathematical methods or tools in Calculus and Statistics (C3, PLO2) CLO3: propose solutions for real life problems through group discussion (A3, PLO6)
2	FM20014 MECHANICAL ENGINEERINGTECHNOLOGY 2	4	MECHANICAL ENGINEERING TECHNOLOGY course is designed to equip students with a comprehensive knowledge and skills related to mechanical engineering nature. This course consist of thermofluids, Computer Aided Design (CAD) and mechanical engineering workshop practice. This course focuses on the concepts such as conceptual principles in thermofluids, fluid applications, properties of pure substances, first and second law of thermodynamics. This course navigate students to use software to create 3D drawing specialize in engineering design. For mechanical workshop practice part, this course exposes the students to welding, machining and fitting which involve the use of arc welding machine, lathe machine, drilling machine, grinding and hand tools. Prerequisite: None	Upon completion of this course, students should be able to, CLO 1: solve the fundamental problem in mechanical engineering technology CLO2: conduct field work and laboratory activities using appropriate tools CLO 3: explain the process and outcome of the field work and laboratory

Synopsis & Course Learning Outcomes (CLO)

SEMESTER	COURSE	CREDIT	SYNOPSIS	CIO
2	FB20094 TVET PROJECT	4	TVET PROJECT course is designed to enable students to develop relevant and practical skills that can prepare them for future employment. Students will be able to design a TVET project that incorporates a range of. a vocational skills, electrical work, and other hands- on skills. The project is structured as a hands-on learning experience, with students working on real-world projects that involve problem-solving, critical thinking, and teamwork. This provides an opportunity for students to explore different career paths and industries, as well as to gain practical experience and build a portfolio of work that can be used when applying for jobs. TVET Projects enables students to gain valuable skill that can help them succeed in the workforce and achieve their career goals. TVET project is an excellent addition to any student's education, providing them with the practical skills and experience they need to succeed in their future careers Prerequisite: None	Upon completion of this course, students should be able to: CLO1: complete projects by using appropriate tools (P4, PLO3) CLO2: report the project based on project finding (C3, PLO1) (CLO3: form employability skills, such as communication, problem-solving, entrepreneurial and teamwork, that will be valuable in any future career path (A3, PLO6)

Introduction

CeLT (Center for e-Learning & Teaching) is a special name for Digital Learning Unit under the Instructional and Digital Learning Division, Polytechnic Education Department, Ministry of Higher Education Malaysia. CeLT is created to help empower the special National e-Learning agenda for all Malaysian Polytechnic.

VISION

Transforming Politeknik Merlimau towards global competitiveness through e-learning.



MISSION

Build a competitive, creative and sustainable e-learning framework.

OBJECTIVE

- I. Encourage quality, fair and equitable education opportunities through e-learning (open, neutral and active)
- 2. Provide appropriate infrastructure and e-learning friendly
- 3. Creating a variety of creativity to strengthen the 21st century learning and teaching process
- 4. Improve staffs and students skills through e-learning in the 21st century

The roles and responsibilities of the e-Learning Unit are:

- Coordinating, supporting and monitoring the implementation of e-Learning through the CIDOS platform.
- Developing and improving CIDOS functionality to meet the effective R & D requirements and suiting the rapid development of ICT (including Mobile-ready).
- 3. Improving literacy and training and mentoring on e-Learning.
- 4. Planning training and mentoring and supporting e-Content development for academic staffs and students.
- 5. Designing strategies and coordinating the EDOLA competition organized by CELT's Department of Polytechnic Education such as TVET Tunes, Poli TV, EMCC, VR 360 and Augmented Reality (AR).



E-learning Unit Staffs



Name: Sr. Firhan bin Salian Position: Head of e-Learning Unit

Majoring: Bachelor of Science (Remote Sensing)

Ext: 1220

Email: firhan@pmm.edu.my



Name: Afrezayu binti Johari

Position: Deputy Head of e-Learning Unit Majoring: Bachelor of Electrical Engineering

Ext: 3022

Email: afrezayu@pmm.edu.my



Name: Sharifah Nur binti Abu Position: KPI and Operations Secretary Majoring: Bachelor of Islamic Studies Ext: 8008

Email: sharifah_nur@pmm.edu.my



Name: Maizatul Akmar binti Md Nor Position: Technical and Activities Secretary Majoring: Bachelor of Information Technology Ext:3040

Email: maizatulakmar@pmm.edu.my

E-Learning Coordinator By Department

CONTACT PERSON	CONTACT NO
Nurul Aqilah binti Johar (Leader Coordinator) Nor Wariza binti Jufri Rohafiza binti Md Darus Noor Faizah binti Zohardin E-Learning Coordinator of Civil Engineering Department	Ext : 2008 Email: aqilah@pmm.edu.my
Mohamad Shukor bin Amin (Leader Coordinator) Rodzah binti Hj. Yahya Zahrim bin Abd Rahman E-Learning Coordinator of Electrical Engineering Department	Ext : 3006 Email: mohammadshukor@pmm.edu.my
Mohamad Shahril bin Ibrahim (Leader Coordinator) Muhammad Alif Al Bakri Aizura binti Abu Bakar Syahrain bin Mat Yamin Hisham bin Sulaiman E-Learning Coordinator of Mechanical Engineering Department	Ext : 4000 Email: shahril@pmm.edu.my
Khairani binti Arsyad (Leader Coordinator) Norlini binti Rosli Hafizah binti Osman E-Learning Coordinator of Commerce Department	Ext : 5006 Email: khairani_arsyad@pmm.edu.my
Aylin Binti Kamarudin (Leader Coordinator) Dek Afifa Binti Nordan E-Learning Coordinator of Tourism and Hospitality Department	Ext: 6013 Email: ak_aylin@pmm.edu.my
Fairuzza binti Hairi (Leader Coordinator) Suziyana binti Ahmad Aman Hanem binti Mohd Halid Norhayati binti Ahmad E-Learning Coordinator of Mathematics, Science & Computer Department	Ext : 7008 Email: fairuzza@pmm.edu.my
Rosheela binti Mohamad Thangaveloo (Leader Coordinator) Md Syukri bin Abd Rahim Bobby Chew Han Yong Sharifah Nur binti Abu E-Learning Coordinator of General Studies	Ext : 8007 Email: rosheela@pmm.edu.my

















Sports, Co Curriculum & Cultural Unit

Introduction

Sports, Co-curriculum and Cultural Unit (USKK) Politeknik Merlimau is responsible for the planning, management and implementation of all activities regarding sports, co-curriculum and cultural events in PMM. This unit comprises of three sub-units: the sports, co-curriculum and also cultural. The activities are designed for every semester based on given schedule and academic calendar.

The sports sub-unit is responsible for planning the implementation of sports activities for PMM students. The sports sub-unit is directly involved with the Polytechnic Sports Council (MSP) in conducting sports competitions among polytechnics students in other polytechnics in Malaysia.

For the learning and teaching activities, the Co-curriculum sub-unit plays an important role in coordinating, supervising, and monitoring the co-curriculum courses. The co-curriculum sub-unit offers 2 types of courses, the MPU24011 (Sports) and MPU24651-24701 (Uniformed Unit 1) for Semester 1 and MPU24021 (Club's) and MPU24751-24801 (Uniformed Unit 2) for Semester 2 that is compulsory for every student to enrol.

The cultural and heritage sub-unit is responsible for the management and organization of the implementation of arts and cultural programmes in PMM. This sub-unit also helps students and polytechnics in handling of protocol and etiquette such as convocation ceremony.



Sports, Co Curriculum & Cultural Unit

Sports, Co Curriculum & Cultural Staffs



Name: Amir bin Awang @ Muda Position: Head of Unit Majoring: Bachelor in Electrical Engineering Ext: 1220 Email: amir_awang@pmm.edu.my



Name: Fahzaliza binti Ahmad Affandi Position: Head of Co-curriculum Course 1 Majoring: Bachelor in Mechanical Engineering Ext: 1221 Email: fahzaliza@pmm.edu.my



Name: Mohd Nizamuddin bin Mohd Dawang Position: Head of Co-curriculum Course 2 Majoring: Bachelor in Civil Engineering Ext: 1222 Email: mohdnizamuddin@pmm.edu.my



Name: Abdul Rashid bin Husain Position: Senior Lecturer Majoring: Accounting Education Ext: 5011 Email: abdrashid@pmm.edu.my



Name: Zailani bin Siran Position: Sports Officer Majoring: Bachelor of Sports Science Ext:1222 Email: zailani@pmm.edu.my



Name: Rashidi bin Ya'amat Position: Operation Assistant Ext: 1223 Email: rashidi@pmm.edu.my

Sports, Co Curriculum & Cultural Unit



Music Studio



Squash Court



Multi Purpose Court (Indoor)



Sport Centre



Music set



Table Tennis



Golf Green



Multipurpose Court

Sports, Co Curriculum & **Cultural Unit**



Basketball Court



Tennis Court



Rugby Field



Petanque Field



Takraw Court



Futsal Court



Football Field



Volleyball Court

Introduction

The Student Affair and Development department is entrusted for the students' activities and governance under two main sub-officers pertaining to Recruitment & Data and Welfare & Discipline. Thus, this department deals with managing students' registration, updating students' records, managing financial support for students, and also monitoring students' discipline and welfare.

Services offered:

Recruitment & Data:

- Student registration
- Student ID card (smartcard)
- Student record and statistics
- For recruitment, please visit: http://ambilan.myplocc.edu.my

Welfare & Discipline:

- Student welfare
- Student sponsorship and financial loan
- Student vehicle pass
- Student Discipline monitoring and enforcement



Student Affair and Development Department Staffs



Name: Ahmad Syukri bin Mohamed Yunus

Position: Head of Unit

Majoring: Electrical Engineering

Ext: 1180

Email: syukri@pmm.edu.my



Name: Hafidah binti Mahat

Position: Students Affair Officer (Recruitment & Data) Majoring: Computer Science (Software Engineering)

Ext: 1181

Email: hafidah@pmm.edu.my



Name: Mohd Nazrie bin Hassim

Position: Students Affair Officer (Welfare & Discpline)

Majoring: English

Ext: 1184

Email: mohdnazrie@pmm.edu.my



Name: Mohd Izwan bin Md. Pojan

Position: Students Affair Officer (Registration)

Majoring: Civil Engineering

Ext: 1183

Email: mohdizwan@pmm.edu.my



Name: Masitah Yaakub Position: Scholarship Officer

Ext: 1187

Email: mashitah@pmm.edu.my



Name: Siti Nurul Hidayah binti Ezan

Position: Assistant Officer

Ext: 1186

Email: sitinurulhidayah@pmm.edu.my













Examination Unit

Introduction

The Examination Unit is responsible for coordinating and handling activities pertaining to final examination and certification. The unit is fully supported by all departments to fulfil the responsibilities given. The Examination Officer is responsible to monitor the whole examination process of polytechnic while the Examination Coordinator is to manage things regarding examination for their respective departments. Apart from that, the Examination Unit also cooperated in organising workshops related to examination such as Assessments and Vetting Workshop that is organised every semester in order to produce high quality examination questions for the Final Examination of Politeknik KPT.

The unit is led by the Head of Unit who is responsible for coordinating and facilitating the process of assessment and examination for the management. The Head of Unit is supported by two Examination Officers, in which one of them is in charge of the Records, Data and Certifications, and the other is in charge of the Management, Assessment and Bank Rate question:

Activities carried out by the Examination Unit

- Preparing examination papers
- Conducting the final examination
- Processing the results of assessments
- Certification and Student Excellence Award
- Enforcing the assessment rules and regulations
- Administrating the Examination Unit

Examination Unit



Examination Unit Staffs



Name: Zaidah binti Abd Umar

Position: Head of Unit

Ext:1040

Email: zaidah@pmm.edu.my



Name: Dewi Muhiani binti Tumiran

Position: Examination Officer (Certificates & Data)

Ext:1041

Email: dewimuhiani@pmm.edu.my



Name: Norarsaliana binti Arbain

Position: Examination Officer (Assessment Management)

Ext:1042

Email: norarsaliana@pmm.edu.my

Examination Unit









Training and Continuing Educational Unit

Introduction

Training and Continuing Education (ULPL) is a unit under the office of Deputy Director of Academic Support, Politeknik Merlimau. The unit is responsible for the re-skilling and up-skilling of human capital in Politeknik Merlimau and also for private sector or other government departments / agencies.

The main activities of this unit are to:

- 1. Manage training or courses for staffs.
- 2. Manage part-time programme (Kursus Secara Sambilan KSS) as to provide opportunities for those who want to pursue their diploma whilst working.
- 3. Implement lifelong training program. The program offers opportunities for private sector or other government departments / agencies to develop their human capital through training and education resources in polytechnic with affordable rates.
- 4. Manage and coordinate the use of polytechnic training facilities for private sector or other government departments / agencies.

Training and Continuing Educational Unit



Training and Continuing Educational Unit

Training and Continuing Education Unit Staffs



Suhana binti Sabran Head of Unit

Ext:1150

Email: suhanasabran@pmm.edu.my



Nisrina binti Abd Ghafar

Training & Continuing Education Officer

Ext:1151

Email: nisrina@pmm.edu.my



Raja Nuraziela binti Raja Jamaluddin Assitant Administration N22)

Ext: 1152

Email: rajanuraziela@pmm.edu.my



Mohd Sharizan bin Kasmuri Assistant of Operation (N11)

Ext: 1152

Email: mohdsharizan@pmm.edu.my

Training and Continuing Educational Unit

Facilities





Seminar room

Meeting room



Lecture hall



Tun Teja Suite

Introduction

The Library Unit has been established since 2002. The objectives are to:

- 1. Become the centre of excellence for information and referral centre
- 2. Support s PMM in producing semi-professional, knowledgeable workforce
- 3. Develop, document and maintain the information sources for the requirements of teaching and learning by:
 - a. using the world standard cataloguing classification (Library of Congress Classification Outlines)
 - b. using the new technology of cataloguing system (WEBOPAC) and electronic resources
 - c. digitizing the documents related to learning such as examination paper, bulletin etc.
- 4. Provide and manage information services and conducive library facilities such as:
 - a. Open shelf Collection
 - b. Reference Collection
 - c. Serial Collections
 - d. Examination paper Collection
 - e. Audiovisual Collection
- 5. Provide IT Corners and Wi-Fi Zone
- 6. Collaborate with agencies such as:
 - a. Perpustakaan Negara Malaysia (Pinjaman Berkelompok)
 - b. Interlibrary Loan
 - c. UiTM Melaka Kampus Bandaraya
 - d. Politeknik Melaka
 - e. Kolej Vokasional Muar



Library Unit Staffs



Name: Noraini binti Ya'cub

Position: Head of Unit

Ext:1120

Email: norainiyacub@pmm.edu.my



Name: Norshazreen binti Yunos

Position: Librarian

Ext :1121

Email: norshazreen@pmm.edu.my



Name: Azizah binti Ahmad Position: Assistant Librarian

Ext:1122

Email: norshazreen@pmm.edu.my

Facilities







Introduction

The Psychology Management Unit Politeknik Merlimau, Melaka is an academic support unit that works in character development and soft skills for both students and staffs.

Currently, the unit consists of 3 Psychology Officers and is one unit under the purview of both the Head of the Student Affairs Department and the Deputy Director (Academic Support).

The goal of this unit is to help the students to progress towards academic excellence, social, personal, spiritual and career. Towards these ends, the unit will be planning, implementing, evaluating and controlling the Psychology and Counselling Services Program effectively at the Polytechnic.

What Is Counselling?

Counselling is a face to face relationship session between normal individuals to understand themselves and their situation, using potential by utilising the self, family, society, society and religion. In addition, the individual also learn how to deal with problems in meeting with their needs today and tomorrow.

The Counselling Ethics Code is to respect client's privacy and confidentiality of information. This is done by maintaining physical and psychological well-being of clients and perform professional skills, while allowing self-determination and respecting the decision made by the client.



Psychology Management Unit Staffs



Name: Siti Fadia binti Sheikh Hassan

Position: Head of Unit

Ext:1200

Email: sitifadia@pmm.edu.my



Name: Mohammad Hasbullah bin Mustafa

Position: Psychology Officer

Ext:1201

Email: hasbullah@pmm.edu.my



Name: Nurul Aini binti Ghazali

Position: Psychology Officer

Ext:1200

Email: nurulaini@pmm.edu.my

Facilities













Research and Innovation Unit

Introduction

The Research, Innovation and Commercial Unit (UPIK) is created by the Polytechnic Education Department, Ministry of Higher Education system to inculcate the culture of research at the polytechnic. UPIK plays an important role as a centre of coordination of research, innovation and commercialisation among the academic staffs. UPIK also serves as a central collection for scientific writing reference material, material innovations and research, in which it will be presented for submission as research paper or presentation at institutional, zonal, national and international levels.

The objectives of the unit are:

- 1. becoming the centre of research, innovation and commercialisation activities.
- coordinating and collaborating with industries and agencies on the affairs pertaining to Research & Development (R&D), commercialization and innovation
- 3. becoming the centre of information and data management related to the students' as well as lecturers' products/projects, innovations and commercialisation at polytechnic level.
- 4. planning, managing and monitoring the implementation and data gathering with regards to R&D, educational research and publication.



Research and Innovation Unit

Research and Innovation Unit Staffs



Name : Dr. Kamaruddin bin Tahir Position : **Head of Research, Innovation & Commercial (DH54)**

Email: kamarudintahir@pmm.edu.my



Name: Dr. Aspalila binti Main
Position: Deputy Head of Research, Innovation
& Commercial, Coordinator of Grant Fund &
System SYRi (DH52)
Email: aspalilla@pmm.edu.my



Name: Ts. Rodzah binti Yahya Position: Secretary (DH52) Email: rodzah@pmm.edu.my



Name: Mohd Razali bin Hasam Position: *Treasurer (DH48)* Email: mohd_razali@pmm.edu.my



Name : SITI MARLINNA CHU BINTI MOHD RIZAL CHU

Position: Coordinator of Intellectual Property,
Commercialization & Risk management (DH48)
Email: sitimarlinna@pmm.edu.my



Name: Tn. Hj. Muhammad Zaharin bin Tokijan Position: **Coordinator of Innovation** (DH48)

Email: muhammadzahrin@pmm.edu.my



Name: Ts. Hamidah Noor binti Md.Yusoh Position: **Coordinator of Research (DH48)** Email: hamidahnoor@pmm.edu.my



Name: Noni Lela Hayati binti Ayob Position: **Coordinator of KPI & Quality** (DH48)

Email: noni@pmm.edu.my



Name: Mohd Lokman bin Ahmad Position: **Coordinator of Asset (DH 48)** Email: lokman_ahmad@pmm.edu.my



Name: Zareena binti Rosli
Position: **Portal & Turnitin (DH48)**Email: zareenarosli@pmm.edu.my

Quality Assurance Unit

Introduction

Quality Assurance Unit is responsible for planning, implementing and monitoring the effectiveness of the programs related to the quality management system, in addition of being a coordinator (the coordinator) to officials in the department and the quality of the unit. This unit is under the responsibility of the Quality Manager and Deputy Director (Academic).

To further enhance the quality management system in PMM, the unit is run on two fronts of the Working Committee on Quality (JKKQ); the first one is the Quality Manager and comprises all Heads of Department and Heads of Unit, while the Quality Secretariat (UQ) is chaired by the Chief Executive Officer quality acting as the coordinator of the quality Officer and Administration Department. Both of the operators are responsible for applying the values of quality to all PMM citizens through activities that have been planned.

The objective of this unit is to coordinate and implement a quality management system to strengthen the role of PMM citizens to be more committed to the continuation of organizational excellence. In that respect, the main task of the unit is to plan, implement and monitor the effectiveness of programs related to quality management for the an excellent work culture and for the implementation of continuous improvement practices toward realising the vision, mission and quality policy of PMM. In addition, it is also responsible for coordinating the implementation of quality systems in PMM.

Quality Assurance Unit



Quality Assurance Unit

Quality Assurance Unit Staffs



Name: Normah Binti Cheman Position: Head of Unit

Ext: 1140

Email: normah.cheman@pmm.edu.my



Name: Noraisyah binti Mohammad Position: Quality Management Officer

Ext: 1141

Email: noraisyah@pmm.edu.my



Name: Azira binti Mohd Puteh

Position: Chairperson of Educational Organisation

Management System (EOMS) Committee

Ext: 7006

Email: azira@pmm.edu.my



Name: Noor Azlan bin Ngasman Position: Chairperson of Accreditation

Ext: 4006

Email: noorazlan@pmm.edu.my



Name: Zuraini binti Zainal Abidin

Position: Chairperson of Conducive Ecosystem

for Public Sector (EKSA)

Ext: 5006

Email: zuraini@pmm.edu.my



Name: Norlini binti Rosli

Position: Head of Internal Audit

Ext: 5009

Email: norlini@pmm.edu.my

Corporate, Industrial Services & Employability Center Unit

Introduction

The establishment of the Corporate Industrial Services & Employability Center (CISEC) Unit in polytechnics as an initiative towards stronger polytechnic and industrial relations. CISEC will be the one-stop center in meeting the needs of the industry interested in working with Polytechnic especially for commercialisation projects and the management of facilities or consultancy services. Through CISEC, the process of matching workforce needs in the industry with the job search of polytechnic graduates is expected to be implemented more efficiently and systematically.

The CISEC was set up in July 2010 to support one of the Polytechnic Transformation agenda that enhances the marketability of polytechnic graduates. Therefore, CISEC will be the intermediary of polytechnics and industry in coordinating career development and graduate marketing programs through joint ownership and accountability, governance, student industrial training or training needs.



Corporate, Industrial Services & Employability Center Unit

Corporate, Industrial Services & Employability Centre Unit Staffs



Name: Mohd As'ri bin Chik Position: Head of Unit CISEC Majoring: Bachelor in Mechanical Engineering Ext: 1160 Email: mohdasri@pmm.edu.my

lan.



Name: Muhamad Jais bin Gimin Position: Finishing School Officer(Dh52) Majoring: Bachelor in Mechanical Engineering Ext: 1152

Email: jais@pmm.edu.my



Name: Azuan binti Alias Position: Media Officer and Industrial Advisory Committee (Dh48) Majoring: Bachelor in Hotel Management Ext: 6007 Email: azuan@pmm.edu.my

Email: azodnepmin.odo.m



Name: Fauziah bin Aliman Position: Collabration Officer (Dh48) Majoring: Bachelor in Ellectronic Engineering (Communication) Ext: 3046 Email: fauziah_aliman@pmm.edu.my



Name: Gwee Chiou Chin Position: Tracer Study Officer and 1L5G (DH 48) Majoring: Bachelor in Manufacturing Engineering Ext: 4013 Email: gwee@pmm.edu.my



Name: Nurul Aini binti Ghazali Position: Career Pathway Officer (\$44) Majoring: Bachelor in counseling Ext: 1220 Email: nurulaini@pmm.edu.my



Name: Iliyah binti Ayub Position: Industrial Relation Officer (DH42) Majoring: Bachelor in Civil engineering Ext: 1052 Email: Iliyah@pmm.edu.my



Name: Raja Nuraziela binti Raja Jamaluddin Position: Administration Assistant (N22) Ext: 1152 Email: nuraziela@pmm.edu.my



Name: Mohd Shahrizan Bin Kasmuri Position: Operational Assistant(N11) Ext: 1152 Email: msharizan@pmm.edu.my

Introduction

The Kamsis Unit role is to manage the placement of students. This unit is placed under the Student Affairs Department. It is headed by a Assistant Hostel Manager, Senior Supervisor, five Hostel Supervisor and thirteen Wardens (the total number of wardens should be twenty eight).

The Politeknik Merlimau Hostel has six blocks of four-storeyed buildings that can accommodate a total of 1404 students, with each building around 234 students. The capacity of each blocks for male and female student may change subject to the application for each sessions.

Facilities Provided

Kamsis provides complete facilities such as mattresses, pillows, beds, wardrobes, tables and chairs, curtains, bookshelves and so on. Other facilities include:

- a) Study room;
- b) Common Room is equipped with television broadcasts Njoi;
- c) In-room ironing;
- d) washing machine in every level;
- e) Field and playground;
- f) The cafeteria operates from 7.00 am to 11.00 pm;
- g) Islamic Centre;
- h) Internet (Wi-Fi); and
- i) Hot / cold water filter machine in every block.

Application for Kamsis Registration

- Applications can be made online via the Student Information Management System (SPMP) in PMM portal.
- 2) Completed forms that have been submitted online must also be printed and sent to the Kamsis Office of Management before the closing date, together with other supporting documents such as:
 - i. salary slip / income verification letter that was approved by the village headman or any government officer of the Management and Professional Group;
 - ii. health report that was confirmed by a physician for students who have serious health problems; and
 - iii. Death Certificate for orphans.

Selection Criteria for Students of Kamsis Politeknik Merlimau

Here are the selection criteria's for the Kamsis application:

- Salary and dependencies of parents / guardians;
- Orphans;
- Discipline;
- Activities participated in Kamsis / Department;
- Distance home to the Polytechnic;
- Health problems;
- Form complete and the information is correct; and
- On availability



Kamsis Unit Staffs



Name: Muhammad Fairuz bin Baharuddin Pallan

Position: Head of Unit

Ext: 1210

Email: mfairuzbp@pmm.edu.my



Name: Noriha binti Rahmat Position: Hostel Supervisor

Ext: 1211

Email: noriha@pmm.edu.my



Name: Sarizal bin M. Basarah Position: Hostel Supervisor

Ext: 1212

Email: sarizal@pmm.edu.my



Name: Norazlina binti Ramli Position: Hostel Supervisor

Ext: 1214

Email: alin@pmm.edu.my



Name: Sandra Maria binti Suito Position: Hostel Supervisor

Ext: 1214

Email: sandra@pmm.edu.my



Name: Rozayanti Irma binti Zainal Position: Hostel Supervisor

Ext: 1212

Email: rozayanti@pmm.edu.my



Name: Muhammad Danial Mohd Ramli Position: Assistant Medical Officer

Majoring: Public Health

Ext: 1214

Email: danial@pmm.edu.my

Entrepreneurial Unit

Introduction

The Entrepreneurship Unit supports students, alumni, small business and researchers to promote the creation of new businesses for industrial, technological, and social services.

The unit aims to promote the created businesses to be innovative, technology-based, with capacity to grow and committed in creating high-quality jobs in the region. It also promotes self-employment of young graduates and educates them in starting a new business with proper management.

The Entrepreneurship Unit of Politeknik Merlimau is located at Ground Floor of Commerce Department and is open to public on working days from 8.30am to: 5.30pm. The main objectives of the entrepreneurship unit are:

- Cultivating entrepreneurial attitudes and skills among students from any field of education;
- Organising entrepreneurship activities among students accordingly;
- Coordinating the creation of start-up business among students
- Providing entrepreneurship facilities for students;
- Building networking with industries and agencies for student's business matching and
- Involving professionals, entrepreneurs and agencies in the transmission of the entrepreneurial experience and as sponsors of activities that take place.



Entrepreneurial Unit



Entrepreneurial Unit Staff



Name: Rabi'ah binti Seman Position: Head of Unit

Majoring: Bachelor of Business Studies

Ext: 1250

Email: rabiah@pmm.edu.my

Facilities





Editorial Board

Patron

Mejar Norizam bin Sekak

Advisor

Sr. Mohamad Kelana bin Juwit Hjh Intanku Salwa binti Shamsuddin

Lead Editor & Designers

Fairuzza binti Hairi Nor Azilla Wati binti Zamri

Assistant Editor

Dzaidah Hanin binti Nor Azlim

Committee Members

Suziyana binti Ahmad Aman Faridah binti Othman Siti Zulia binti Pirin Sahrudin bin Saad

