

PUSAT PENGAJIAN KEJURUTERAAN BAHAN & SUMBER MINERAL

**Senarai Kursus Yang Ditawarkan Pada Semester II
Sidang Akademik 2023/2024**

KEJURUTERAAN POLIMER

| BIL | KOD KURSUS | TAJUK KURSUS | KAKITANGAN AKADEMIK | % KK | % PEP | ASAS-ASAS MENILAI KERJA KURSUS |
|----------------------|------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------------------------------------------|
| PERINGKAT 100 | | | | | | |
| 1. | EBP 116/2 | Makmal Kejuruteraan Polimer (<i>Polymer Engineering Laboratory</i>) | Ts. Dr. Ku Marsilla Ku Ishak (K) Prof Ts. Dr Zulkifil Mohamad Ariff Prof. Madya Ir. Ts. Dr. Zuratul Ain Abdul Hamid Ts. Dr. Arjulizan Rusli Dr. Mohammad Khalil Abdullah@Harun Dr. Zulfirdaus Zakaria Ir. Dr. Mohamad Riduwan Ramli | 100 | - | 20% Ujian 80% Laporan |
| PERINGKAT 200 | | | | | | |
| 2. | EBP 207/2 | Fenomena Pengangkutan Dalam Polimer (<i>Transport Phenomena in Polymers</i>) | Ir. Dr. Muhammad Khalil Abdullah@Harun Ts. Dr. Ku Marsilla Ku Ishak | 40 | 60 | 20% Tugasan 20% Ujian |
| 3. | EBP210/3 | Penyebatan dan Pemprosesan Plastik (<i>Plastics Compounding and Processing</i>) | Ir. Dr. Muhammad Khalil Abdullah @ Harun Prof. Madya Dr. Raa Khimi Shuib Dr. Zulfirdaus Zakaria | 40 | 60 | 25% Tugasan 10% Ujian 5% Kuiz |
| 4. | EBP 212/3 | Pemprosesan Lateks (<i>Latex Processing</i>) | Prof. Dr. Chow Wen Shyang Prof Dr. Azura A. Rashid | 40 | 60 | 10% Ujian 30% Tugasan |
| 5. | EBP 215/3 | Polimer Dalam Elektronik (<i>Polymer in Electronics</i>) | Dr. Zulfirdaus Zakaria Ts. Dr. Arjulizan Rusli Ir. Dr. Mohamad Riduwan Ramli | 40 | 60 | 20% Ujian 20% Tugasan |
| 6. | EBP 216/2 | Makmal Lateks (<i>Latex Laboratory</i>) | Dr. Mohamad Danial Shafiq Mohd Suhaimi (K) Prof Dr. Azura A. Rashid Prof Dr. Chow Wen Shyang Prof. Madya Dr. Raa Khimi Shuib Ts. Dr. Mohd Sharan Musa | 100 | - | 20% Ujian 70% Laporan Amali 10% Viva Voce |
| PERINGKAT 300 | | | | | | |
| 7. | EBP 302/3 | Rekabentuk Acuan dan Dai (<i>Mould and Die Design</i>) | Prof. Ts. Dr. Zulkifli Mohamad Ariff Ts. Dr. Mohd Sharan Musa | 50 | 50 | 40% Tugasan 4% Kuiz 6% Ujian |
| 8. | EBP 306/3 | Sifat-Sifat Kejuruteraan Bahan Polimer (<i>Engineering Properties Of Polymer Materials</i>) | Dr. Mohamad Danial Shafiq Mohd Suhaimi Prof Madya Ir.Dr. Nadras Othman | 40 | 60 | 20% Ujian 20% Tugasan |
| 9. | EBP 307/2 | Reologi Polimer (<i>Polymer Rheology</i>) | Ts. Dr. Arjulizan Rusli Prof. Madya Dr. Raa Khimi Shuib | 40 | 60 | 20% Ujian 20% Tugasan |
| 10. | EBP 311/3 | Kaedah Analisis dan analisis kegagalan Polimer | Prof. Ts. Dr Zulkifli Mohamad Ariff | 40 | 60 | 10% Ujian 10% Kuiz |

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|----------------------|-----------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----|----|-------------------------------------------|
| | | <i>(Polymer Analytical and Failure Analysis)</i> | Dr. Mohamad Danial Shafiq Mohd Suhaimi Prof. Madya. Ir. Ts. Dr. Zuratul Ain Abdul Hamid | | | 20% Tugas |
| 11. | EBP315/2 | Pengurusan Industri polimer <i>(Polymer Industrial Management)</i> | Prof. Madya Dr. Raa Khimi Shuib Prof. Madya. Ir. Ts. Dr. Zuratul Ain Abdul Hamid | 50 | 50 | 40% Tugas 10% Ujian |
| 12. | EBP 324/3 | Degradasi Polimer dan Alam Sekitar <i>(Polymer Degradation and Environment)</i> | Prof. Dr. Chow Wen Shyang Dr. Mohamad Danial Shafiq Mohd Suhaimi | 40 | 60 | 10% Ujian 30% Tugas |
| PERINGKAT 400 | | | | | | |
| 13. | EBP 401/6 | Projek Ilmiah Tahun Akhir <i>(Final Year Project)</i> | Sekumpulan Pensyarah | 100 | - | 20% Pembentangan 80% Tesis |
| 14. | EBP 412/3 | Polimer Kejuruteraan Khusus <i>(Speciality Engineering Polymer)</i> | Prof. Madya. Ir. Ts. Dr. Zuratul Ain Abdul Hamid Ir. Dr. Mohamad Riduwan Ramli | 40 | 60 | 20% Ujian 15% Tugas 5% Pembentangan |