

SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING
LIST OF COURSES FOR KSCP, ACADEMIC SESSION 2025/2026

NO	CODE / TITLE OF COURSES / COURSE CODE	UNIT	NOTES
LEVEL 100			
1.	EEE105: Teori Litar I / (Circuit Theory I) [T]	3	Offer to Year 1,2,3,and 4
2.	EEE130: Elektronik Digit I / (Digital Electronic 1) [T]	3	Offered to Year 4 ONLY
3.	EEE133: Peranti dan Litar Elektronik / (Electronic Devices Circuit) [T]	3	Offered to Year 4 ONLY
4.	EUM114: Kalkulus Kejuruteraan Lanjutan/ (Advanced Engineering Calculus) [T]	3	Offered to Year 4 ONLY
5.	EEU104: Teknologi Elektrik (Electrical Technology) [T]	3	For PPKBSM, PPKAero
6.	EEM101: Prinsip & Mekanik Bahan/ (Principles & Mechanics of Materials) [T]	3	Offer to Year 1,2,3,and 4
7.	EUM113: Kalkulus Kejuruteraan/ (Engineering Calculus) [T]	3	Offered to Year 4 ONLY
LEVEL 200			
8.	EEE208: Teori Litar II / (Circuit Theory II) [T]	3	Offered to Year 2,3,and 4
9.	EEE228: Isyarat dan Sistem / (Signal and System) [T]	3	
10.	EEE241: Elektronik Analog I / (Analog Electronic I) [T]	4	
11.	EEE270: Elektronik Analog II / (Analogue Electronics II) [T]	3	Offered to Year 4 ONLY
12.	EEK260: Mesin Elektrik/ (Electrical Machines) [T]	3	Offered to Year 2,3,and 4
13.	EEM222: Asas Dinamik & Mekanisma / (Fundamentals of Dynamics & Mechanisms) [T]	4	
LEVEL 300			
14.	EEE344: Sistem VLSI / (VLSI System) [E]	4	Offered to Year 3 and 4
15.	EEE348: Pengantar Rekabentuk Litar Bersepadu/ (Introduction to Integrated Circuit Design) [T]	3	
16.	EEE350: Sistem Kawalan / (Control Systems) [T]	3	
17.	EEE354: Sistem Kawalan Digit/ (Digital Control Systems) [T]	3	
18.	EEE378: Elektronik Digit II / (Digital Electronic II) [T]	3	
19.	EEE379: Sistem Komputer dan Multimedia / (Computer System andMultimedia) [T]	3	
20.	EEK373: Elektronik Kuasa Lanjutan/ (Advanced Power Electronics) [E]	4	
21.	EEK374: Instrumentasi Elektrik dan Pengukuran [T] (Electrical Instrumentations and Measurement)	3	
22.	EEM343: Robotik / (Robotics) [T]	3	
23.	EEM353: Rekabentuk Kejuruteraan Mekanik / (Mechanical Engineering Design) [T]	3	
24.	EEM355: Sistem Mekatronik / (Mechatronic System) [T]	3	
LEVEL 400			
25.	EEE430: Kejuruteraan Perisian/ (Software Engineering) [E]	4	Offered to Year 4 ONLY
26.	EEE440: Sistem Perhubungan Moden/ (Modern Communication Systems) [E]	4	
27.	EEE443: Pemprosesan Isyarat Digit/(Digital Signal Processing) [T]	4	
28.	EEK468: Mesin dan Pacuan Elektrik/(Electrical Machine and Drives) [T]	3	
29.	EEK474: Rekabentuk Mesin Elektrik/(Electrical Machine Design) [E]	3	
30.	EEK475: Ekonomi dan Pengurusan Sistem Kuasa [E] (Economy and Management on Power System)	4	



Please register here before 23 AUGUST 2026

<https://forms.cloud.microsoft/r/QEPsBUnHwK?origin=lprLink>

**SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING
LIST OF COURSES FOR KSCP, ACADEMIC SESSION 2025/2026**

NO	CODE / TITLE OF COURSES / COURSE CODE	UNIT	NOTES
LEVEL 500			
31.	EEE506: Senibina dan Rekabentuk Sistem Terbenam [T] (<i>Embedded System Architecture and Design</i>)	3	Offered to all MSc ESDE
32.	EEE511: Teknologi Internet Benda/ (<i>Internet of Things (IoT) Technology</i>) [E]	3	
33.	EEE513: Rekabentuk Litar Mikrogelombang/ (<i>Microwave Circuit Design</i>) [E]	3	
34.	EEE514: Elektronik Kuasa Industri / (<i>Industrial Power Electronics</i>) [E]	3	
35.	EEE527: Perhubungan Data dan Rangkaian Komputer [E] (<i>Data Communications and Computer Networks</i>)	3	
36.	EEE555: Disertasi/ (<i>Disertation</i>) [T]	24	
LEVEL 500 – MSc ESDE Offshore Al-Mustaqbal (UOMUS)			
37.	EEE506G: Senibina dan Rekabentuk Sistem Terbenam [T] (<i>Embedded System Architecture and Design</i>)	3	Offered to all MSc ESDE (Offshore)
38.	EEE507G: Rekabentuk Litar Bersepadu Analog Termaju [E] (<i>Advanced Analogue Integrated Circuit Design</i>)	3	
39.	EEE508G: Pemprosesan Isyarat Digit Dan Imej Lanjutan [E] (<i>Advanced Digital Signal and Image Processing</i>)	3	
40.	EEE511G: Teknologi Internet Benda/ (<i>Internet of Things (IoT) Technology</i>) [E]	3	
41.	EEE514G: Elektronik Kuasa Industri/ (<i>Industrial Power Electronics</i>) [E]	3	
42.	EEE518G: Sistem-Sistem Pintar / (<i>Intelligent Systems</i>) [E]	3	
43.	EEE521G: Rangkaian Perhubungan Data dan Komputer [E] (<i>Computer and Data Communications Networks</i>)	4	
44.	EEE519G: Disertasi (<i>Disertation</i>) [T]	20	

Online Registration :

Student are required to do course
registration via **Campus Online**



**HEBAHAN AKTIVITI PENDAFTARAN
KURSUS SEMASA CUTI PANJANG (KSCP), SIDANG AKADEMIK 2025/2026**

KEPADA : SEMUA PELAJAR IJAZAH PERTAMA (PENUH MASA) & DIPLOMA

1. JADUAL AKTIVITI KSCP, SIDANG AKADEMIK 2025/2026

AKTIVITI	TARIKH
Keputusan Peperiksaan Semester II, Sidang Akademik 2025/2026	21 Ogos 2026 (Jumaat) Keputusan peperiksaan diumumkan kepada pelajar jam 11:00 pagi melalui portal <i>CampusOnline</i> . (http://campusonline.usm.my)
Aktiviti pendaftaran kursus KSCP di Pusat Pengajian	21 Ogos 2026 (Jumaat) - 26 Ogos 2026 (Rabu)
Minggu pengajaran dan pembelajaran	24 Ogos 2026 (Isnin) - 06 September 2026 (Ahad)
Minggu peperiksaan	07 September 2026 (Isnin) - 09 September 2026 (Rabu)
Cuti semester	10 September 2026 (Khamis) - 04 Oktober 2026 (Ahad)
Keputusan Peperiksaan KSCP, Sidang Akademik 2025/2026	23 September 2026 (Rabu) Keputusan peperiksaan diumumkan kepada pelajar jam 11:00 pagi melalui portal <i>CampusOnline</i> . (http://campusonline.usm.my)

2. SENARAI KURSUS YANG DITAWARKAN

- (a) Pelajar perlu menghubungi Pusat Pengajian/Pusat yang berkenaan untuk menyemak dan mendapatkan pengesahan senarai kursus yang akan ditawarkan sebelum tarikh pendaftaran kursus.
- (b) Kursus yang telah diubahsuai ke 100% kerja kursus pada Semester II, Sidang Akademik 2025/2026 tidak boleh ditawarkan sewaktu KSCP 2025/2026.

3. ASAS & SYARAT-SYARAT KELAYAKAN PELAJAR MENGIKUTI KSCP

- (a) Kategori Pelajar yang boleh mendaftar KSCP ialah seperti berikut:
 - i. Pelajar tahun akhir yang perlu memenuhi unit berijazah
 - ii. Memperolehi gred Gagal (gred F) di dalam sesuatu kursus

- iii. Memperolehi gred 'DK' (Dengan Kebenaran)
- iv. Mendapat keputusan 'C-', 'D+', 'D' atau 'D-'

(b) Pelajar yang memperolehi gred 'F*' dan 'X' **TIDAK DIBENARKAN** mengikuti KSCP.

4. SYARAT-SYARAT PENDAFTARAN KURSUS

- (a) Pelajar yang ingin mengikuti KSCP, **wajib** mendaftar kursus melalui Pusat Pengajian masing-masing.
- (b) Pelajar dibenarkan mendaftar maksimum 3 kursus dan tidak melebihi 10 unit. Walau bagaimanapun, dalam keadaan tertentu, Dekan Pusat Pengajian boleh membenarkan pelajar mendaftar lebih daripada unit tersebut.
- (c) Pelajar yang mengikuti KSCP tidak dibenarkan menambah ataupun menggugur kursus selepas minggu pertama.

5. PELAJAR TAHUN AKHIR

- (a) Pelajar di tahun akhir yang perlu mengikuti KSCP bagi tujuan pengijazahan perlu menghubungi segera Pusat Pengajian masing-masing supaya kursus-kursus yang perlu ditawarkan dapat dikenal pasti dengan segera.
- (b) Pelajar tahun akhir yang telah memenuhi semua syarat pengijazahan dan disahkan layak berijazah oleh universiti selepas pertimbangan keputusan peperiksaan Semester II, Sidang Akademik 2025/2026 adalah **TIDAK LAYAK** mengikuti KSCP.

PARA PELAJAR DIMINTA MEMATUHI TARIKH AKTIVITI KSCP SIDANG AKADEMIK 2025/2026 DAN ARAHAN YANG DINYATAKAN.

Kerjasama semua amatlah dihargai.

Sekian, terima kasih.

Unit Rekod Pelajar
Bahagian Pengurusan Akademik
Jabatan Pendaftar

No. Tel. : 04-653 2336 / 2924 / 4194 / 2925 / 3169 / 3076 (Pejabat Am)
E-mel : sdrp@usm.my
Web : bpa.usm.my

Tarikh luput : 04 Ogos 2026

HEBAHAN AKTIVITI PENDAFTARAN KURSUS SEMASA CUTI PANJANG (KSCP)

KEUTAMAAN KEPADA PELAJAR
YANG AKAN BERIJAZAH

SIDANG AKADEMIK
2025/2026



OGOS
21
(JUMAAT)

Keputusan
peperiksaan Sem II
Sidang Akademik
2025/2026
diumumkan melalui
Portal CampusOnline

OGOS
21-26
(JUMAAT) (RABU)

Pendaftaran Kursus
KSCP secara dalam
talian di pusat
pengajian/pusat

OGOS-SEPT
24-06
(ISNIN) (AHAD)

Minggu pengajaran
dan pembelajaran

Syarat dan
peraturan
pendaftaran kursus
boleh diperolehi melalui
 laman web
**BAHAGIAN
PENGURUSAN AKADEMIK**
(bpa.usm.my)

SEPT
07-09
(ISNIN) (RABU)

Minggu peperiksaan

SEPT
23
(RABU)

Keputusan
peperiksaan KSCP
Sidang Akademik
2025/2026
diumumkan melalui
Portal CampusOnline





**ANNOUNCEMENT ON REGISTRATION SCHEDULE OF
COURSES DURING THE SEMESTER BREAK (KSCP), ACADEMIC SESSION 2025/2026**

TO: ALL FULL-TIME UNDERGRADUATES AND DIPLOMA STUDENTS

1. TABLE OF KSCP ACTIVITIES, ACADEMIC SESSION 2025/2026

ACTIVITY	DATE
Announcement of Semester II examination results, Academic Session 2025/2026	21 August 2026 (Friday) Examination results will be released at 11:00 a.m. via the CampusOnline portal. (http://campusonline.usm.my)
KSCP Course Registration in the respective Schools/Centre's	21 August 2026 (Friday) - 26 August 2026 (Wednesday)
Teaching and learning weeks	24 August 2026 (Monday) - 06 September 2026 (Sunday)
Examination weeks	07 September 2026 (Monday) - 09 September 2026 (Wednesday)
Semester break	10 September 2026 (Thursday) - 04 October 2026 (Sunday)
KSCP Examination Results, Academic Session 2025/2026	23 September 2026 (Wednesday) Examination results will be released at 11:00 a.m. via the CampusOnline portal. (http://campusonline.usm.my)

2. LIST OF COURSES OFFERED

- (a) Students must contact the respective Schools/Centre's to check and confirm the list of courses offered before the date of course registration.
- (b) Courses that were modified to 100% coursework in Semester II of Academic Session 2025/2026 are not offered during KSCP of Academic Session 2025/2026.

3. STUDENTS ELIGIBLE FOR KSCP REGISTRATION

- (a) Final year students who need to fulfil units for graduation may register for KSCP under these conditions:
 - i. Students who have obtained grade 'F' in a course
 - ii. Students who have obtained grade 'DK' (With Permission)
 - iii. Students who have obtained grade 'C-', 'D+', 'D' or 'D-'

- (b) Students who do not fall under any of the above categories are **NOT ALLOWED** to enroll in KSCP.

4. REQUIREMENTS FOR COURSE REGISTRATION

- (a) Students who want to enroll in KSCP **must** do so through their respective Schools/Centre's.
- (b) Students are allowed to register a maximum of 3 courses but must not exceed 10 units. However, the Dean may approve specific cases under certain circumstances.
- (c) KSCP students are not allowed to add or drop courses after Week 1

5. FINAL YEAR STUDENTS

- (a) Final year students who need to enroll in KSCP for graduation must inform their respective Schools/Centre's so that the required courses to be offered can be identified immediately.
- (b) Graduating students (those who have fulfilled their graduation requirements) in Semester II are **NOT ALLOWED** to register for KSCP.

STUDENTS ARE REQUESTED TO ABIDE BY THE STIPULATED KSCP DATES AND INSTRUCTIONS FOR ACADEMIC SESSION 2025/2026.

Thank you for your cooperation.

Students Record Unit
Academic Management Division
Registry

Tel No. : 04-653 2336 / 2924 / 4194 / 2925 / 3169/3076 (General Office)
E-mail : sdrp@usm.my
Website : bpa.usm.my
Date of Expiry : 04 August 2026



ANNOUNCEMENT OF COURSE REGISTRATION DURING THE SEMESTER BREAK (KSCP)

**PRIORITY WILL BE GIVEN TO
GRADUATING STUDENTS**

**ACADEMIC SESSION
2025/2026**



**AUG
21**
(FRIDAY)

Announcement of
Sem II Examination
results, Academic
Session 2025/2026 via
CampusOnline Portal

**AUG
21-26**
(FRIDAY) (WEDNESDAY)

Registration of KSCP
course in the
respective
Schools/Centers

**AUG-SEPT
24-06**
(MONDAY) (SUNDAY)

Teaching and learning
weeks

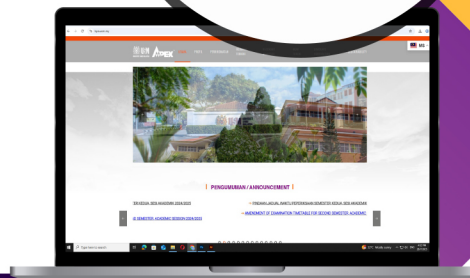
Course
registration
guidelines can be
obtained via the
**ACADEMIC MANAGEMENT
DIVISION WEBSITE**
(bpa.usm.my)

**SEPT
07-09**
(MONDAY) (WEDNESDAY)

Examination weeks

**SEPT
23**
(WEDNESDAY)

Announcement of
KSCP examination
results, Academic
Session 2025/2026 via
CampusOnline Portal



Academic Management Division
Registry



04-653 2336 / 2924 /
4194 / 2925 / 3169 /
3076



sdrp@usm.my



bpa.usm.my