

| SCHOOL OF AEROSPACE ENGINEERING<br>SEMESTER 2, ACADEMIC SESSION 2024/2025 |               |                    |               |                    |              |
|---|---------------|--------------------|---------------|--------------------|--------------|
| 1 <sup>ST</sup> YEAR  |               |                    |               |                    |              |
| TIME  | MON           | TUE                | WED           | THU                | FRI          |
| 8:00-9:00   |               | EUM114 (DK1)       | EUM114 (DK1)  | EMM102T (DK7)      |              |
| 9:00-10:00  |               |                    |               | EUM114T (AEK2)     |              |
| 10:00-11:00   | EEU104 (DK9)  | EMM102 (DK7)       | ESA122 (AEK1) | LSP101 (AEK4)      | EMM102 (DK7) |
| 11:00-12:00   |               | ESA112 (CATIA lab) |               | ESA112 (CATIA lab) |              |
| 12:00-1:00  | EMM102 (DK3)  |                    | EEU104 (DK2)  | ESA122 (AEK2)      |              |
| 1:00-2:00   |               |                    |               |                    |              |
| 2:00-3:00   | LSP101 (AEK4) |                    |               |                    |              |
| 3:00-4:00   |               |                    |               | ESA124 (Lab)       |              |
| 4:00-5:00   |               | WUS101 (DK1)       |               |                    |              |
| 5:00-6:00   | Ko-K*         |                    |               |                    |              |
| 6:00-7:00   |               |                    |               | Ko-K *             |              |

| SCHOOL OF AEROSPACE ENGINEERING<br>SEMESTER 2, ACADEMIC SESSION 2024/2025 |               |               |               |                |               |
|---|---------------|---------------|---------------|----------------|---------------|
| 2 <sup>ND</sup> YEAR  |               |               |               |                |               |
| TIME  | MON           | TUE           | WED           | THU            | FRI           |
| 8:00-9:00   |               |               |               |                |               |
| 9:00-10:00  | LSP201 (AEK4) | ESA244 (AEK2) | ESA244 (AEK1) |                | ESA226 (AEK1) |
| 10:00-11:00   |               |               | HFE224 (DK1)  | ESA272 (AEK2)  | ESA228 (AEK1) |
| 11:00-12:00   | ESA226 (AEK1) | ESA256 (AEK2) | ESA256 (AEK1) |                |               |
| 12:00-1:00  |               |               |               |                |               |
| 1:00-2:00   |               |               |               |                |               |
| 2:00-3:00   |               | EMT212 (DK7)  |               |                |               |
| 3:00-4:00   |               | EMT212T (DK7) |               | SEA205E (AEK4) | EMT212 (DK7)  |
| 4:00-5:00   |               | LSP201 (AEK4) |               |                |               |
| 5:00-6:00   | Ko-K*         |               |               | Ko-K*          |               |
| 6:00-7:00   |               |               |               |                |               |

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|---|---------------|---------------|---------------|----------------|---------------|
| 3 <sup>RD</sup> YEAR  |               |               |               |                |               |
| TIME  | MON           | TUE           | WED           | THU            | FRI           |
| 8:00-9:00   |               |               |               |                |               |
| 9:00-10:00  | ESA304 (AEK2) | ESA382 (AEK1) | ESA374 (AEK2) | ESA374 (AEK1)  | ESA326 (AEK2) |
| 10:00-11:00   | ESA344 (AEK2) |               |               | ESA304 (AEK1)  | ESA382 (AEK2) |
| 11:00-12:00   |               | LSP301 (AEK4) | ESA322 (AEK2) |                |               |
| 12:00-1:00  | LSP301 (AEK4) |               |               | ESA302 (AEK1)  |               |
| 1:00-2:00   |               |               |               |                |               |
| 2:00-3:00   | ESA302 (AEK2) |               |               |                |               |
| 3:00-4:00   |               | ESA312 (Lab)  |               | SEA205E (AEK4) |               |
| 4:00-5:00   | ESA322 (AEK2) |               |               |                |               |
| 5:00-6:00   | Ko-K*         |               |               | Ko-K*          |               |
| 6:00-7:00   |               |               |               |                |               |

| SCHOOL OF AEROSPACE ENGINEERING<br>SEMESTER 2, ACADEMIC SESSION 2024/2025 |               |                        |               |               |            |
|---|---------------|------------------------|---------------|---------------|------------|
| 4 <sup>TH</sup> YEAR  |               |                        |               |               |            |
| TIME  | MON           | TUE                    | WED           | THU           | FRI        |
| 8:00-9:00   |               |                        |               |               |            |
| 9:00-10:00  | ESA490 (AEK1) | EME412 (Makmal CAD ME) |               | EME412 (MEK1) |            |
| 10:00-11:00   |               |                        | ESA404 (AEK3) |               | ESA412 FYP |
| 11:00-12:00   |               | ESA414 (AEK1)          |               | ESA404 (AEK4) |            |
| 12:00-1:00  |               |                        |               |               |            |
| 1:00-2:00   |               |                        |               |               |            |
| 2:00-3:00   | ESA402 (AEK1) |                        |               |               |            |
| 3:00-4:00   |               |                        |               |               | ESA412 FYP |
| 4:00-5:00   |               |                        |               |               |            |
| 5:00-6:00   | Ko-K*         |                        |               | Ko-K*         |            |
| 6:00-7:00   |               |                        |               |               |            |

| LIST OF COURSES: 1 <sup>ST</sup> YEAR |                                   |   |    |
|---------------------------------------|-----------------------------------|---|----|
| EUM114                                | Advanced Engineering Calculus     | T | 3  |
| EEU104                                | Electrical Technology             | T | 3  |
| EMM102                                | Statics                           | T | 3  |
| ESA122                                | Fluid Mechanics                   | T | 3  |
| ESA124                                | Aerospace Lab I                   | T | 2  |
| ESA112                                | Computer Aided Engineering Design | T | 2  |
|                                       | Core                              |   | 16 |

| LIST OF COURSES: 2 <sup>ND</sup> YEAR |                              |   |    |
|---------------------------------------|------------------------------|---|----|
| EMT212                                | Computational Engineering    | T | 3  |
| ESA228                                | Machine Component Design     | T | 2  |
| ESA226                                | Dynamics & Mechanism         | T | 3  |
| ESA256                                | Control System Theory        | T | 3  |
| ESA244                                | Aerodynamics                 | T | 3  |
| ESA272                                | Aircraft Sub-system Elements | T | 2  |
|                                       | Core                         |   | 16 |

| LIST OF COURSES: 3 <sup>RD</sup> YEAR |                              |   |    |
|---------------------------------------|------------------------------|---|----|
| ESA322                                | Structural Dynamics          | T | 3  |
| ESA312                                | Aerospace Laboratory III     | T | 2  |
| ESA344                                | Propulsion Systems           | T | 2  |
| ESA374                                | Flight Stability & Control   | T | 3  |
| ESA382                                | Spacecraft Sub-system Design | T | 3  |
| ESA326                                | Aerospace Structure Design   | T | 2  |
|                                       | Core                         |   | 15 |

| LIST OF COURSES: 4 <sup>TH</sup> YEAR |                                    |   |    |
|---------------------------------------|------------------------------------|---|----|
| ESA412                                | Final Year Project                 | T | 6  |
| ESA490                                | Aerospace Manufacturing Technology | T | 2  |
| ESA414                                | Aerospace Policy & Management      | T | 2  |
|                                       | Core                               |   | 10 |

|        |                           |   |   |
|--------|---------------------------|---|---|
| ESA304 | Aerocomposite Engineering | E | 3 |
| ESA302 | Avionics Systems          | E | 3 |
|        | Elective                  |   | 6 |

|        |                                 |   |   |
|--------|---------------------------------|---|---|
| ESA402 | Aircraft Design II              | E | 3 |
| EME412 | Applied Finite Element Analysis | E | 3 |
| ESA404 | Space Environment               | E | 3 |
|        | Elective                        |   | 9 |

| University requirements |                  |   |   |
|-------------------------|------------------|---|---|
| LSP101                  | English          | Z | 2 |
| WUS101                  | Entrepreneurship | U | 2 |

| University requirements |                        |   |   |
|-------------------------|------------------------|---|---|
| HFE224                  | Appreciation of Ethics | U | 2 |
| LSP201                  | English                | U | 2 |
| SEA205E                 | Malaysian Study        | U | 4 |

| University requirements |                 |   |   |
|-------------------------|-----------------|---|---|
| LSP301                  | English         | U | 2 |
| SEA205E                 | Malaysian Study | U | 4 |

| University requirements |         |   |   |
|-------------------------|---------|---|---|
| LSP301                  | English | U | 2 |

(T): Tutorial  
(Ko-K\*): Co-Curricular with Credit