

**LIST OF SUBJECTS OFFERED FOR 2017/2018  
CIVIL ENGINEERING PROGRAM**

**Semester 1**

| Year | Code       | Subject                                 | CH |
|------|------------|---|----|
| 1    | GIG 1001   | Islamic and Asian Civilizations (TITAS) | 2  |
|      | GIG 1002   | Ethnic Relations*                       | 2  |
|      | GIG 1006   | Introduction to Malaysia**              | 2  |
|      | KIX 1001   | Engineering Mathematics 1               | 3  |
|      | KIA 1001   | Drawing & Computer Programming          | 3  |
|      | KIA 1002   | Engineering Mechanics                   | 3  |
|      | KIA 1003   | Civil Engineering Materials             | 3  |
| 2    | GLT 10xx   | English Communication Programme 2       | 3  |
|      |            | Elective Courses (Other Faculty)        | 2  |
|      | KIX 2002   | Engineering Economics Analysis          | 3  |
|      | KIA 2001   | Theory of Structure                     | 3  |
|      | KIA 2002   | Soil Mechanics                          | 3  |
|      | KIA 2003   | Fluid Mechanics                         | 3  |
| 3    |            | Elective Courses (other faculty)        | 2  |
|      | GLT xxxx   | Economy, Finance & Engineer             | 2  |
|      | KAEA3143   | Highway Engineering                     | 2  |
|      | KAEA3201   | Civil Engineering Mathematics 1         | 2  |
|      | KAEA3218   | Structural Steel Design                 | 4  |
|      | KAEA3224   | Theory of Structure II                  | 3  |
|      | KAEA3257   | Applied Hydraulics                      | 3  |
| 4    | KAEA4144   | Traffic Engineering                     | 2  |
|      | KAEA4219   | Pre-Stressed Concrete Design            | 3  |
|      | KAEA4226   | Structural Analysis                     | 3  |
|      | KAEA4324   | Foundation Engineering                  | 3  |
|      | KAEA4281   | Thesis                                  | 3  |
|      | KAEA/S43xx | Elective Course II                      | 2  |



# Bachelor of Civil Engineering

## Semester: I, 2017/2018

| Year                | Course                              |  | Credit    | Class Schedule |               |               |                 |                                    |               | Lecturer   | Examination Schedule                       |         |
|---------------------|-------------------------------------|--|-----------|----------------|---------------|---------------|-----------------|------------------------------------|---------------|--|--|---------|
|                     | Code                                | Course   |           |                | Day           | Time          | No. of Students | No. of Group                       | Venue         |  | Pre-requisite                              | Date    |
| 1                   | <b>University Courses</b>           |  |           |                |               |               |                 |                                    |               |  |  |         |
|                     | GIG1001                             | The Islamic and Asian Civilizations (TITAS)*       | 2         |                |               |               |                 |                                    |               |  |  |         |
|                     |                                     | Elective Courses (Other Faculty)                   |           |                |               |               |                 |                                    |               |  |  |         |
|                     | GIG1002                             | Ethnic Relations*                                  | 2         |                |               |               |                 |                                    |               |  |  |         |
|                     | GIG1006                             | Introduction to Malaysia**                         |           |                |               |               |                 |                                    |               |  |  |         |
|                     | <b>Faculty Core Courses</b>         |  |           |                |               |               |                 |                                    |               |  |  |         |
|                     | KIX1001                             | Engineering Mathematics 1                          | 3         | Class          | Wed<br>Thurs  | 8-10<br>10-11 |                 |                                    |               |  |  |         |
|                     |                                     |  |           | Tutorial       | Fri           | 11-12         |                 |                                    |               |  |  |         |
|                     | <b>Programme Compulsory Courses</b> |  |           |                |               |               |                 |                                    |               |  |  |         |
|                     | KIA1001                             | Drawing for Civil Engineers & Computer Programming | 3         |                | Mon<br>Tue    | 8-10<br>10-11 | 130             | 2                                  | DK5,<br>BK101 |  | Prof. Ahmed El-Syafei<br><br>Suhana Koting |         |
|                     |                                     |  |           | Mon<br>Tue     | 10-11<br>8-10 | 130           | 2               | DK5,<br>RC2<br><br>DK6,<br>RC2     |               | Prof. Hilmi Mahmud<br>Dr. Ubagaram Johnson<br>Alenggaram | 8/1/18                                     | 8.30am  |
| KIA1003             | Civil Engineering Materials         | 3  |           | Thurs<br>Fri   | 8-10<br>8-9   | 130           | 2               | DK4,<br>BK203<br><br>DK2,<br>BK203 |               | Prof. Hilmi Mahmud<br>Mohd Rasdan Ibrahim                | 10/1/18                                    | 11.30am |
|                     |                                     |  |           |                |               |               |                 |                                    |               |  |  |         |
| <b>Total Credit</b> |                                     |  | <b>16</b> |                |               |               |                 |                                    |               |  |  |         |

Please refer to the University Course Timetable

Note:

\* Only for local student

\*\*Only for International Student

| Year | Course                           |                                   | Credit | Class Schedule |               |                 |              |                              | Lecturer           | Examination Schedule  |         |          |
|------|----------------------------------|-----------------------------------|--------|----------------|---------------|-----------------|--------------|------------------------------|--------------------|---|---------|----------|
|      | Code                             | Course                            |        | Day            | Time          | No. of Students | No. of Group | Venue                        |                    | Pre-requisite   | Date    | Time     |
| 2    | <b>University Courses</b>        |                                   |        |                |               |                 |              |                              |                    |   |         |          |
|      | GLT10XX                          | English Communication Programme 2 | 3      |                |               |                 |              |                              |                    |   |         |          |
|      | GIG1003                          | Elective Course (other Faculty)** | 2      |                |               |                 |              |                              |                    |   |         |          |
|      | <b>Faculty Core Courses</b>      |                                   |        |                |               |                 |              |                              |                    |   |         |          |
|      | KIX2002                          | Engineering Economics             | 3      | Tue            | 8-11          | 120             | 2            |                              |                    |   | 6/1/18  | 11.30 am |
|      | <b>Departmental Core Courses</b> |                                   |        |                |               |                 |              |                              |                    |   |         |          |
|      | KIA2001                          | Theory of Structure               | 3      | Mon            | 8-10          | 120             | 2            | DK2,<br>GC2                  | KIA1002<br>KIA1004 | Dr Yap Soon Poh/<br>Prof Hashim Abdul Razak<br>Prof Mohd Zamin Jumaat | 9/1/18  | 3pm      |
|      | KIA2002                          | Soil Mechanics                    | 3      | Wed<br>Thurs   | 11-1<br>10-11 | 120             | 2            | DK3, DK6<br>BK201, DK7       |                    | Dr Wan Zurina Jaafar<br>Suhana Koting                                 | 12/1/18 | 3pm      |
|      | KIA2003                          | Fluid Mechanics                   | 3      | Mon<br>Thurs   | 10-11<br>11-1 | 120             | 2            | DK3, BK102<br>RC1,<br>BKKKK3 |                    | Prof Ahmed El Shafei<br>Dr Lai Sai Hin                                | 15/1/18 | 8.30am   |
|      | Total Credit                     |                                   |        | <b>17</b>      |               |                 |              |                              |                    |   |         |          |

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Note:

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