

**GRADUATION AUDIT CONVO 2016**  
**GRADUATION CHECKLIST (COURSE COMPLETION)**  
**CV400C - BACHELOR OF ENG (HONS) CIVIL ENGINEERING**

**Student's name :**

**Major :** \_\_\_\_\_

**E-mail :** \_\_\_\_\_

**Student's ID :** \_\_\_\_\_

**Minor :**

H/P Number :

| Course Group  | Courses                                  | Grade | Req CrH   | Remarks |
|---|--|-------|-----------|---------|
| <b><u>NATIONAL REQUIREMENT</u></b>                            |  |       |           |         |
| MPW2133   | Malaysian Studies                        |       | 3         |         |
| MPW2143   | Islamic Studies*                         |       | 3         |         |
| MPW2153   | Moral Studies*                           |       | 3         |         |
| Co-Q I  |  |       | 1         |         |
| Co-Q II   |  |       | 1         |         |
| Co-Q III  |  |       | 1         |         |
| Co-Q IV   |  |       | 1         |         |
| MPW2123   | Bahasa Kebangsaan A/B*                   |       | 3         |         |
| HCB2033   | Professional Communication Skills        |       | 3         |         |
| LCB1042   | Academic Writing                         |       | 2         |         |
| PCB1012   | Introduction to Oil & Gas Industry       |       | 2         |         |
|   | <b>Total Credit hour</b>                 |       | <b>20</b> |         |
|   |  |       |           |         |
| <b><u>SOCIAL SCIENCE / HUMANITIES ELECTIVE (1 course)</u></b> |  |       |           |         |
|   |  |       |           |         |
|   | <b>Total Credit hour</b>                 |       | 3         |         |
|   |  |       |           |         |
| <b><u>COMMON ENGINEERING</u></b>                              |  |       |           |         |
| CCB2012   | Health, Safety & Environment             |       | 2         |         |
| FCM1023   | Ordinary Differential Equations          |       | 3         |         |
| FCM1033   | Vector Calculus                          |       | 3         |         |
| FCM2063   | Probability and Statistics               |       | 3         |         |
| GCB2033   | Introduction to Management               |       | 3         |         |
| GCB3173   | Engineering Economics & Entrepreneurship |       | 3         |         |
| TCB2073   | Structured Programming & Database System |       | 3         |         |
| VCB4043   | Engineers in Society                     |       | 3         |         |
| MCB3053   | Engineering Team Project                 |       | 3         |         |
|   | <b>Total Credit Hour</b>                 |       | <b>26</b> |         |
|   |  |       |           |         |
| <b><u>MAJOR</u></b>   |  |       |           |         |
| VCB1012   | Engineering Drawing                      |       | 2         |         |
| VCB1023   | Engineering Mechanics                    |       | 3         |         |
| VCB1033   | Geology for Engineers                    |       | 3         |         |
| VCB1043   | Geomatics                                |       | 3         |         |

| COURSE COMPLETION STATUS                       |         |                 |         |
|--|---------|-----------------|---------|
| Expected Final Semester Graduation, tick ( / ) |         | SEP 2015 (    ) |         |
|  |         | JAN 2016 (    ) |         |
|  |         | MAY 2016 (    ) |         |
| Course Registration SEP 2015                   |         |                 |         |
| Course Group                                   | Courses | Credit Hour     | Remarks |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
| Total Credit hour                              |         |                 |         |
| Course Registration JAN 2016                   |         |                 |         |
| Course Group                                   | Courses | Credit Hour     | Remarks |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
| Total Credit hour                              |         |                 |         |
| Course Registration MAY 2016                   |         |                 |         |
| Course Group                                   | Courses | Credit Hour     | Remarks |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
|  |         |                 |         |
| Total Credit hour                              |         |                 |         |

|                          |                                       |  |           |  |
|--------------------------|---------------------------------------|--|-----------|--|
| VCB1053                  | Engineering Fluid Mechanics           |  | 3         |  |
| VCB2013                  | Solid Mechanics                       |  | 3         |  |
| VCB2023                  | Concrete Technology                   |  | 3         |  |
| VCB2033                  | Hydraulics                            |  | 3         |  |
| VCB2043                  | Geotechnical Engineering              |  | 3         |  |
| VCB2053                  | Theory of Structures                  |  | 3         |  |
| VCB2063                  | Transportation Planning & Engineering |  | 3         |  |
| VCB3013                  | Structural Analysis                   |  | 3         |  |
| VCB3022                  | Design of Steel Structures            |  | 2         |  |
| VCB3033                  | Environmental Engineering             |  | 3         |  |
| VCB3043                  | Foundation & Earth Structures         |  | 3         |  |
| VCB3053                  | Hydrology                             |  | 3         |  |
| VCB3064                  | Design of Reinforced Concrete         |  | 4         |  |
| VCB3073                  | Wastewater Engineering                |  | 3         |  |
| VCB3083                  | Highway Engineering                   |  | 3         |  |
| VCB4013                  | Construction Project Management       |  | 3         |  |
| VCB4022                  | Final Year Project I                  |  | 2         |  |
| VCB4054                  | Final Year Project II                 |  | 4         |  |
| VCB4032                  | Engineering Design I                  |  | 2         |  |
| VCB4063                  | Engineering Design II                 |  | 3         |  |
| ICB3037                  | Industrial Training                   |  | 7         |  |
| ICB3047                  | Industrial Project                    |  | 7         |  |
| <b>Total Credit Hour</b> |                                       |  | <b>84</b> |  |

**TECHNICAL SPECIALIZATION (to complete any following Set A, B, C, D, E or F)**

|  |   |  |   |  |
|--|---|--|---|--|
|  |   |  |   |  |
| <b>A. Offshore Oil and Gas Structures</b>              |   |  |   |  |
| VCB4113  | Offshore Structures                     |  | 3 |  |
| VCB4123  | Offshore Geotechnics                    |  | 3 |  |
| VCB4133  | Deepwater Technology                    |  | 3 |  |
| <b>B. Coastal Engineering</b>                          |   |  |   |  |
| VCB4213  | Design of Coastal Structures            |  | 3 |  |
| VCB4223  | Ocean and Coastal Engineering           |  | 3 |  |
| VCB4233  | Coastal Planning and Management         |  | 3 |  |
| <b>C. Sustainable Development and Construction</b>     |   |  |   |  |
| VCB4313  | Sustainable Development for Engineering |  | 3 |  |
| VCB4323  | Renewable Technology                    |  | 3 |  |
| VCB4333  | Sustainable Management of Business      |  | 3 |  |
| <b>D. Environmental Engineering</b>                    |   |  |   |  |
| VCB4413  | Sludge Management and Disposal          |  | 3 |  |
| VCB4423  | Solid and Hazardous Wastes Engineering  |  | 3 |  |
| VCB4433  | Marine Pollution and Control            |  | 3 |  |
| <b>E. Construction Technology and Value Management</b> |   |  |   |  |

|  |   |  |            |  |
|--|---|--|------------|--|
| VCB4513  | Tall Building Structures                |  | 3          |  |
| VCB4523  | Construction Engineering and Technology |  | 3          |  |
| VCB4533  | Value Engineering and Risk Management   |  | 3          |  |
|  |   |  |            |  |
|  | <b>Total Credit Hour</b>                |  | <b>9</b>   |  |
|  |   |  |            |  |
| <b>MINOR IN MANAGEMENT (OPTIONAL - The credit hours will be over and above the graduation)</b> |   |  |            |  |
| GCB1013  | Business Accounting                     |  | 3          |  |
| GCB1033  | Management & Organizational Behavior    |  | 3          |  |
| GCB1053  | Principles of Marketing                 |  | 3          |  |
| GCB2043  | Principles of Finance                   |  | 3          |  |
| GCB3093  | Business and Entrepreneurship           |  | 3          |  |
|  |   |  |            |  |
|  | <b>Total Credit Hour</b>                |  | <b>15</b>  |  |
|  |   |  |            |  |
|  | <b>Overall Credit Hour</b>              |  | <b>142</b> |  |