

Course Closing Loop Form
Academic Session : Semester II 2016/2017
Revision : 001/2017

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| Course Title: Raw Materials and Structural Ceramics | | |
| Code Course: EBB 212 | | Signature & Date |
| Lecturer(s) | 1. Dr Yanny Marlina Baba Ismail (PIC) | |
| | 2. Professor Dr Ahmad Fauzi Mohd Noor | |
| | 3. Dr Khairul Anuar Shariff | |
| CQI From Previous Semester SEM 2 2015/2016 | Comment : Number of students failed Q6 (related to chemical synthesis) is high. Action for Improvement (CQI) : More discussion (maybe video) on synthesis method will be conducted. | |
| Action Taken for This Semester SEM 2 2016/2017 | The used of advanced teaching tools such as video animations, social media and education applications/software had engaged and attracted students in this particular course. Besides, industrial visits and industrial-sharing sessions organized during the course had helped students to understand this course better. Exam questions related to CO2 (chemical syntheses and processing of ceramics) showed highest passing rate particularly Q4 (chemical synthesis) as compared to year 2015/2016, where the number of students failed were high. | |
| Is the CQI loop close? | YES | NO |
| If NO, state your next action plan | | |
| State the learning activities that cover the <u>Complex Problems (WP)</u> attribute | WP 1&3: Test and examination questions given covered fundamental theory, calculation and various synthesis/ processing of raw materials and structural ceramics, which requires in-depth knowledge and in-depth analysis. Students need to differentiate raw materials, synthesis/ processing method and characterization technique for a particular given finished ceramic products. This requires knowledge on raw materials, chemical synthesis, processing of structural ceramics, characterization of raw materials and how to use Bogue equation in determining the phase formed in the given formulation of the cement. | |
| State the learning activities that cover the <u>Complex Activities (CA)</u> attribute | N/A. | |