



EMPLOYER/ALUMNI SURVEY ON THE OUTCOME BASED EDUCATION (OBE) FACULTY OF ENGINEERING, UNIVERSITI KEBANGSAAN MALAYSIA

Introduction

The Faculty of Engineering UKM is in the process of gathering responses from its stakeholders on the curriculum and teaching methods in order to enable us to produce better graduates in the future. Therefore, we would be very much grateful if you could help us in completing this questionnaire.

In this questionnaire, the Programme Educational Objectives are statements describing features which should be achieved by graduates after several years of completion of study from the Faculty and eventually work as engineers. On the other hand, the Programme Outcomes are statements describing knowledge, skills, behaviours and abilities which should be acquired by graduates on the day of graduation from the Faculty.

A. Company Profile

Please fill in this part:

Type of Company

- Government Sector
- Private Sector

Type of Industry

- Manufacturing
- Construction & Property Developers
- Education
- Services
- Law & Policy Making
- Consultancy
- Agriculture
- Information Technology & Communication
- Utilities & Power Supply
- Others (Please specify):

Number of Staff

- Fewer than 5 personnel
- 5 - 19 personnel
- 20 - 50 personnel
- 51 - 150 personnel
- 151 - 500 personnel
- More than 500 personnel

Annual Sales Turn-Over

- Less than RM 250,000
- RM 250,000 - RM 1 million
- RM 1 million - RM 5 million
- RM 5 million - RM 10 million
- RM 10 million - RM 25 million
- More than RM 25 million

B. Alumni Profile

If you are an alumni of the Faculty of Engineering UKM, please fill in this part:

Working Experience

- Less than 1 year
- 1-5 years
- 5-10 years
- 10-20 years
- More than 20 years

Annual Income

- Less than RM 20,000
- RM 20,000 - RM 35,000
- RM 35,000 - RM 50,000
- RM 50,000 - RM 70,000
- RM 70,000 - RM 100,000
- RM 100,000 - RM 250,000
- More than RM 250,000

Academic Programme taken at the Faculty of Engineering UKM

- Bachelor in Civil & Environmental Engineering
- Bachelor in Civil & Structure Engineering
- Bachelor in Biochemical Engineering
- Bachelor in Electrical & Electronics Engineering
- Bachelor in Chemical Engineering
- Bachelor in Communication & Computer Engineering
- Bachelor in Mechanical Engineering
- Bachelor in Microelectronics Engineering
- Bachelor in Manufacturing Engineering
- Bachelor in Architectural Science
- Bachelor in Architecture
- Masters of Science/Engineering
- Doctor of Philosophy

Year of Graduation

- 1985 - 1990
- 1991 - 1995
- 1996 - 2000
- 2000 - 2005
- After 2005

EVALUATION ON LIST OF STATEMENTS AND ACHIEVEMENT OF PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

The Faculty of Engineering UKM is very grateful if you could perform an evaluation on the statements and/or achievements of the Programme Educational Objectives as listed below. The Programme Educational Objectives are statements describing features which should be achieved by graduates after several years of completion of study from the Faculty and eventually work as engineers.

Statement Importance	Alumni Achievement
Please provide your perception on the importance of each educational objective listed below with reference to the type of your industry or your employer's industry:	If you are an alumni of the Faculty of Engineering UKM or has an alumni of the Faculty of Engineering UKM under your supervision, please provide his/her achievement with reference to the listed educational objectives:
0 not relevant 1 not important 2 less important	3 neutral 4 important 5 very important
0 not relevant 1 very weak 2 weak	3 moderate 4 good 5 very good

Programme Educational Objectives	Statement Importance						Alumni Achievement					
	0	1	2	3	4	5	0	1	2	3	4	5
PEO 1 A graduate with understanding of the fundamental knowledge prerequisite for the role as an efficient engineer												
1. Possess competency in fundamental engineering knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to apply fundamental knowledge in the engineering profession	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PEO 2 A graduate with professional attitude and ethics necessary in fulfilling his/her responsibilities towards the Creator, clients and the society												
1. Ethical and professional	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Capable of fulfilling the clients' needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Understand his/her responsibilities to the society	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Understand his/her responsibilities to the Creator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PEO 3 A graduate who will uphold the Malay Language as a language of knowledge in the engineering field and at the same time has the ability to communicate in English												
1. Has a good command of oral communication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to produce a sound technical report	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Using Malay language for daily routine work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Using English language for daily routine work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PEO 4 A graduate who is able to adapt him/herself to the international/global work environment												
1. Understand the working culture of different races and nations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to adapt himself/herself to multiple working conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PEO 5 A graduate who is able to lead an engineering organisation based on experience and knowledge of important current issues in engineering												
1. Apply knowledge in leading and managing an organisation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Apply experience in leading and managing an organisation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Ability to make rational and effective decisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PEO 6 A graduate who is able to conduct research in the field of engineering whether at a postgraduate level, or in his/her own organisation												
1. Ability to seek research information from multiple sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to conduct research using current methods and techniques	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Ability to perform innovative research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you have any suggestion to change or modify any of the above listed Programme Educational Objectives, we are very grateful if you can propose it in the space provided below:												

EVALUATION ON LIST OF STATEMENTS AND ACHIEVEMENT OF PROGRAMME OUTCOMES (PO)

The Faculty of Engineering UKM is very grateful if you could perform an evaluation on the statements and/or achievements of the Programme Outcomes as listed below. The Programme Outcomes are statements describing knowledge, skills, behaviours and abilities which should be acquired by graduates on the day of graduation from the Faculty.

Statement Importance	Alumni Achievement
Please provide your perception on the importance of each programme outcome listed below with reference to the type of your industry or your employer's industry:	If you are an alumni of the Faculty of Engineering UKM or has an alumni of the Faculty of Engineering UKM under your supervision, please provide his/her achievement with reference to the listed programme outcomes:
0 not relevant 1 not important 2 less important	0 not relevant 1 very weak 2 weak
3 neutral 4 important 5 very important	3 moderate 4 good 5 very good

Programme Outcomes	Statement Importance						Alumni Achievement					
	0	1	2	3	4	5	0	1	2	3	4	5
PO 1 Ability to acquire and apply knowledge of basic science and engineering fundamentals												
1. Ability to acquire knowledge of basic sciences and engineering fundamentals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to apply basic sciences and engineering fundamentals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 2 Ability to communicate effectively, not only with engineers but also with the community at large												
1. Ability to communicate well with fellow engineers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to communicate effectively within the community at large	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 3 Having in-depth technical competence in a specific engineering discipline												
1. Possess in-depth technical skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Possess broad technical skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Ability to apply technical skills effectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Keep abreast with current technical skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 4 Ability to undertake problem identification, formulation and solution												
1. Ability to identify problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to formulate and analyse problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Ability to obtain appropriate solution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Ability to implement the solution to the problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Ability to monitor the degree of success of the implemented solution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 5 Ability to utilise a systems approach to design and evaluate operational performance												
1. Ability to use a systems approach to design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to use a systems approach to evaluate operational performance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 6 Ability to function effectively as an individual and in a group with the capacity to be a leader or manager as well as an effective team member												
1. Ability to function effectively as an individual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to function effectively as a member in a working group	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Ability to function as a leader/manager in a working group	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 7 Having the understanding of the social, cultural, global and environmental responsibilities and ethics of a professional engineer and the need for sustainable development												
1. Behave professionally	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Practice good ethics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Appreciate social, cultural and humanity responsibilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Appreciate global and environmental responsibilities, as well as the need for sustainable development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Programme Outcomes	Statement Importance						Alumni Achievement					
	0	1	2	3	4	5	0	1	2	3	4	5
PO 8 Recognising the need to undertake lifelong learning, and possessing/acquiring the capacity to do so												
1. Recognise the needs of self-improvement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Recognise the needs to lifelong learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Ability to extract information from various sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Possess capability to undertake self-study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 9 Ability to design and conduct experiments, as well as to analyse and interpret data												
1. Ability to conduct experiment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to design experiment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Ability to analyse experimental data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Ability to interpret experimental data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 10 Ability to function on multi-disciplinary teams												
1. Ability to cooperate effectively in the team	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to communicate effectively	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Ability to accept other view and criticism	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Possess high level of discipline and self-motivation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 11 Having the knowledge of contemporary issues												
1. Sensitive to current technological development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Sensitive to current issues locally and abroad	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Knowledge of mega projects and their effects to the community and the nation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PO 12 Ability to use the techniques, skills, and engineering tools necessary for engineering practice												
1. Ability to utilise information and communication technology (ICT)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Ability to apply the required techniques and skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Ability to use specific engineering tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you have any suggestion to change or modify any of the above listed Programme Outcomes, we are very grateful if you can propose it in the space provided below:												

The Faculty of Engineering UKM would like to thank you for your willingness in spending time to complete this questionnaire. All these input and suggestion will be used to perform the process of "Continuous Quality Improvement" (CQI) for our undergraduate programmes to ensure the programmes meet the current market needs.

After completing the form, please kindly send the form to obe@eng.ukm.my or send the print out version of this form to the address given below:

Coordinator for Outcome Based Education
Faculty of Engineering
Universiti Kebangsaan Malaysia
43600 UKM Bangi
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