



Department of Materials Engineering
NED University of Engineering and Technology, Karachi.

Employer Survey

(To be filled in by Employer - after the completion of each academic year)

The purpose of this survey is to obtain employers' input on the quality of education and to assess the quality of the Materials Engineering Program. The survey is with regard to the Department of Materials Engineering of NED University graduates employed at your organization. We seek your help in completing this survey.

1. Employer Profile: Choose the right option which applies to your organization.

- | | | |
|---------------------------------|----------------------------------------------|-------------------------------------------|
| 1a. Type of Organization | <input type="radio"/> Government Institution | <input type="radio"/> Private Institution |
| 1b. Type of Industry | <input type="radio"/> Manufacturing | <input type="radio"/> Service |
| | <input type="radio"/> Education | <input type="radio"/> Consultancy |
| | <input type="radio"/> Inspection and Testing | <input type="radio"/> Utilities |
| | <input type="radio"/> Other | |
| 1c. Number of employees | <input type="radio"/> Fewer than 5 | <input type="radio"/> 5-19 |
| | <input type="radio"/> 20-49 | <input type="radio"/> 50-149 |
| | <input type="radio"/> 150-500 | <input type="radio"/> More than 500 |
| 1d. Name of Organization | _____ | |
| 1e. No. of graduates | <input type="radio"/> Male _____ | <input type="radio"/> Female _____ |

Employer is required to assess "Rating" of graduates according to each question on scale of 1 to 5 and Not Applicable, where the rubrics of this scale is defined as;

5: Excellent 4: Very good 3: Good 2: Fair 1: Poor

2. Knowledge of Engineering and Design Methodology

Characteristics	Rating				
	1	2	3	4	5
2a. Competency in fundamental engineering knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2b. Apply fundamental knowledge in the engineering profession	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2c. Knowledge of latest trends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2d. Use of Computer Tools in solving Engineering Problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2e. Conduct research using current methods and techniques	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2f. Apply innovation and develop new trends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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3. Industrial and Management Skills

Characteristics	Rating				
	1	2	3	4	5
3a. Good command of oral communication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3b. Produce a sound technical report	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3c. Conduct presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3d. Use of Problem solving skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3e. Understanding a system, component or process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3f. Design a system component or process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3g. Time management skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3h. Urge to add value in personality using trainings/education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. Individual and Team Management Skills

Characteristics	Rating				
	1	2	3	4	5
4a. Understand working culture of different races and nations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4b. Adapt multiple working conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4c. Apply knowledge in leading and managing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4d. Make rational and effective decisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. Social, Economic, Environmental and Ethical Responsibility

Characteristics	Rating				
	1	2	3	4	5
5a. Ethical and Professional Responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5b. Use of optimal resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5c. fulfilling the stakeholders' needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5d. Understand his/her responsibilities to the society	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5e. Understand his/her responsibilities towards environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. General Comments

Please make any additional comments or suggestions, which you think would help strengthen our programs for the preparation of graduates who will enter your field.
