

FOCUS GROUP/INTERVIEW PROTOCOL FOR UNDERGRADUATE FOCUS GROUP

In this first set of questions we will ask about the factors that motivated you to study engineering.

Q1. Could you please talk to us about WHY you decided to study engineering?

Q2. Now could you tell us HOW you decided to study engineering? We would like to know WHEN you made the decision and WHO was involved in those decisions.

Q3. Did you ever want to study something other than engineering? If so, what was it? What made you decide to stay in engineering?

Q4. How did you decide to study your particular branch of engineering?

Q5. If you have not yet decided on a certain sub-discipline/track/area of engineering, explain to me what options you are considering? Why? *[only ask if necessary, based on response to Q4]*

Q6. What are your future career plans as they relate to engineering?

With the next set of questions, we will address your own perceptions and experiences in engineering.

Q7. What image do you see in your mind when someone says the word “engineer?”

Q8. Were there moments that made you realize you were a FEMALE engineering student, rather than just an engineering student? To what extent did these moments affect the rest of your experiences in engineering?

Q9. Is your perception of engineering different now compared to when you entered university? If yes, how is it different?

Q10. What do your family and those close to you think of you as an engineering student?



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Next we are shifting to a slightly different focus. Now we ask you to consider the general perceptions Jordanians have about engineering.

Q11. Could you tell us about what others think of you because you are a female engineering student?

Q12. What is the public image of engineering in Jordan?

Q13. How do you think the general public in Jordan feels about the fact that women participate in engineering? Is it different from what they feel about men's participation in engineering?

Q14. If you asked the typical resident of Jordan, what would she or he say leads women to choose engineering? Is it different from what they would say leads men to choose engineering?
Note: if needed, a follow up probe here would ask respondents to consider "structural factors" (noted example in virtual training guide).

For our final question, we want to know:

Q15. In your experience, what are the best aspects of your university's engineering program? The things that most need to be improved?

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FOCUS GROUP/INTERVIEW PROTOCOL FOR FACULTY FOCUS GROUP

In this first set of questions we will ask about the factors that motivated you to choose an academic career in engineering.

Q1. Could you talk to us about WHY you decided to choose an academic career in engineering?

Q2. Now could you tell us HOW you decided to choose an academic career in engineering? We would like to know WHEN you made the decision and WHO was involved in those decisions.

Q3. How did you choose an academic career instead of a career in industry?

Q4. Have you ever wanted a career in something other than engineering? If so, what? What made you decide to stay in engineering?

Q5. What are your future career plans as they relate to engineering?

With the next set of questions, we will address your own perceptions and experiences in engineering.

Q6. What image do you see in your mind when someone says the word "engineer?"

Q7. Were there moments that made you realize you were a FEMALE engineering faculty member, rather than just an engineering faculty member? To what extent did these moments affect the rest of your experiences in engineering?

Q8. Is your perception of engineering different now compared to when you started your academic career? If yes, how is it different now?

Q9. What do your family and those close to you think of you as an engineering faculty member?

Next we are shifting to a slightly different focus. Now we ask you to consider the general perceptions Jordanians have about engineering.

Q10. Can you tell me a bit about what others think of you because you are a female engineering faculty member?

Q11. What is the public image of engineering in Jordan?

Q12. How do you think the general public in Jordan feels about the fact that women participate in engineering? Is it different from what they feel about men's participation in engineering?

Q13. If you asked the typical resident of Jordan, what would she or he say leads women to choose engineering? Is it different from what they would say leads men to choose engineering?
Note: if needed, a follow up probe here would ask respondents to consider "structural factors" (noted example in virtual training guide).

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For our final question, we want to know:

Q14. In your experience, what are the best aspects of working as an engineering faculty member? The things that most need to be improved?

FOCUS GROUP/INTERVIEW PROTOCOL FOR PRACTICING ENGINEER FOCUS GROUP

In this first set of questions we will ask about the factors that motivated you to choose engineering as a profession.

Q1. Could you talk to us about WHY you decided to choose a career as an engineer?

Q2. Now could you tell us HOW you decided to choose engineering as a profession? We would like to know WHEN you made the decision and WHO was involved in those decisions.

Q3. How did you choose a career in industry over academia/other jobs?

Q4. Have you ever wanted a career in something other than engineering? If so, what? What made you decide to stay in engineering?

Q5. What are your future career plans as they relate to engineering?

With the next set of questions, we will address your own perceptions and experiences in engineering.

Q6. What image do you see in your mind when someone says the word “engineer?”

Q7. Were there moments that made you realize you were a FEMALE engineer, rather than just an engineer? To what extent did these moments affect the rest of your experiences in engineering?

Q8. Is your perception of engineering different now compared to when you started your career? If yes, how is it different?

Q9. What do your family and those close to you think of you as an engineer?

Next we are shifting to a slightly different focus. Now we ask you to consider the general perceptions Jordanians have about engineering.

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Q10. Can you tell me a bit about what others think of you because you are a female engineer?

Q11. What is the public perception of engineering in Jordan?

Q12. How do you think the general public in Jordan feels about the fact that women participate in engineering? Is it different from what they feel about men’s participation in engineering?

Q13. If you asked the typical resident of Jordan, what would she or he say leads women to choose engineering? Is it different from what they would say leads men to choose engineering?

Note: if needed, a follow up probe here would ask respondents to consider “structural factors” (noted example in virtual training guide).

For our final question, we want to know:

Q14. In your experience, what are the best aspects of working as an engineer? The things that most need to be improved?