



Jordan University of Science and Technology
Department of Chemical Engineering

Graduating Senior Exit Survey

This survey is designed to get your opinion on the curriculum of your department. Your responses will remain anonymous. The information you provide will help us improve the engineering education at JUST. If you encounter some questions about issues that are unfamiliar to you, please answer to the best of your ability.

Name (Optional): **Student ID# (Optional):**

Transfer Student? No, Yes (Transferred: less than 24 credit hours more than 24 credit hours)

Gender: Female Male

Reasons for choosing this program (Check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Interest in math, chemistry, or physics | <input type="checkbox"/> High starting salary |
| <input type="checkbox"/> Interest in engineering | <input type="checkbox"/> Work experience |
| <input type="checkbox"/> Influenced by friend or family | <input type="checkbox"/> High school average |
| <input type="checkbox"/> Influenced by faculty | <input type="checkbox"/> Other: please list |
| <input type="checkbox"/> Reputation of the field | |

Career plans (Check all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Graduate School | <input type="checkbox"/> Military |
| <input type="checkbox"/> Industry | <input type="checkbox"/> Other, please specify |
| <input type="checkbox"/> Government | |

For the following statements, circle the number that corresponds to how strongly you disagree or agree with each item.

Statement	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Since my admission to JUST, I am satisfied with the curriculum and course advisement I have received	1	2	3	4	5
Since my admission to JUST, I am satisfied with the career and professional advisement I have received	1	2	3	4	5
I prefer studying alone	1	2	3	4	5
I am confident in my physics skills	1	2	3	4	5
I am confident in my math skills	1	2	3	4	5
I understand how to collect laboratory data	1	2	3	4	5
I enjoy problems that can be solved in different ways	1	2	3	4	5
Creative thinking is one of my strengths	1	2	3	4	5
I am good at design	1	2	3	4	5
I have strong problem solving skills	1	2	3	4	5
I understand the professionalism that goes with being an engineer	1	2	3	4	5
I can write effectively	1	2	3	4	5
I have computer-programming skills	1	2	3	4	5
I can make effective presentations in front of others	1	2	3	4	5
I enjoy taking courses other than engineering.	1	2	3	4	5
I can effectively communicate my ideas to another person	1	2	3	4	5
I am confident in my ability to use computers to solve engineering problems	1	2	3	4	5
I enjoy using computers	1	2	3	4	5
I am confident in my speaking skills	1	2	3	4	5
Engineers have contributed to solving problems in the world	1	2	3	4	5
I enjoy learning about new technology	1	2	3	4	5
Studying in a group is more effective than studying by myself	1	2	3	4	5
I care about punctuality and class attendance	1	2	3	4	5



Jordan University of Science and Technology
Department of Chemical Engineering

Statement	Strongly agree	Disagree	Neutral	Agree	Strongly agree
I have a good understanding of the principles of ethics for engineering	1	2	3	4	5
I was informed in my classes about the impact of engineering solutions on Jordan (e.g., air pollution, economic development, etc	1	2	3	4	5
The humanities and social sciences courses that I took did influence my thinking about the role of engineering in society	1	2	3	4	5
I like to read technical and non-technical engineering journals	1	2	3	4	5
I like to read non-Chemical engineering journals	1	2	3	4	5
I attend our department activities/seminars regularly	1	2	3	4	5
The courses I took helped me organize ideas, information, and experiences to be able to solve new and more complex problems	1	2	3	4	5
I have received adequate laboratory experience	1	2	3	4	5
My first-year college Math and Physics courses helped me improve my Math and Physics skills needed for my Engineering study	1	2	3	4	5

How often have you been asked to use the following computer tools in my coursework?

Tool	Never	Rarely	Sometimes	Regularly	Intensely
Word Processing (MS Word...)	1	2	3	4	5
Presentation Preparation (PowerPoint...)	1	2	3	4	5
Internet search Access (web browsing for example)	1	2	3	4	5
Communication (e-mail for example)	1	2	3	4	5
Spreadsheets (MS Excel...)	1	2	3	4	5
CAD (AutoCAD, Solidworks...)	1	2	3	4	5
Simulation and Modeling (Aspen Plus, Hysys, DesignPro...)	1	2	3	4	5
Symbolic Mathematics (Maple, MATLAB...)	1	2	3	4	5
Programming (C++, MATLAB, Visual Basic, Java...)	1	2	3	4	5
Data Acquisition (Labview, Pico...)	1	2	3	4	5
Computational tools (MATLAB, Mathcad...)	1	2	3	4	5
Database (MS Access...)	1	2	3	4	5

I have participated in the following learning experiences outside of required course activities (answer each):

Tool	Never	Occasionally	Frequently
Working with JUST faculty on research	1	2	3
Working outside JUST on research	1	2	3
Internships and Training	1	2	3
Workshops and/or conferences	1	2	3
Reading technical magazines and/or journals	1	2	3
Attending professional society meetings	1	2	3
Using the internet as a learning resource	1	2	3
Interacting with technology practitioners	1	2	3
Seeking out new cultural experiences	1	2	3
Community service	1	2	3

