

Quality and Accreditation Unit-ABET Center
Faculty of Engineering & Information Technology
An-Najah National University (NNU)

Alumni Survey Results 2018

For Industrial Engineering Program





Introduction

The Quality and Accreditation Unit (ABET centre) has recently launched the Alumni Survey for 2018 cycle online. The survey has targeted the Engineering alumni of the Faculty of Engineering and Information Technology at An-Najah National University, who were graduated between 2006 to 2016.

The survey aimed at reviewing the Program Educational Objectives (PEOs) of our Engineering Programs to meet the international standards of Quality according to ABET – EAC Criteria, and taking feedback and information from our Alumni about their employability, career progress, and recent endeavours.

Executive summary

A total number of 386 Engineering Alumni responded to the survey, 31 of them were from the Industrial Engineering Program.

Most of the respondents were among our graduates in the last year (2016). Also more than half of the respondents were females.

It's worth mentioning that 32% of the respondents have pursued graduate studies (master, PhD) or currently pursuing for it. Moreover, 74% of the respondents are currently employed (a percentage that is considered high as compared to other engineering programs at NNU), with a percentage of 87% work inside Palestine.

Industrial Engineering Program Alumni are employed in various professional positions that are widely spread among the employment sectors. For example, 35% of the Alumni work as Quality Engineer, and an equal percentage of 9% for Safety and Manufacturing Engineers.

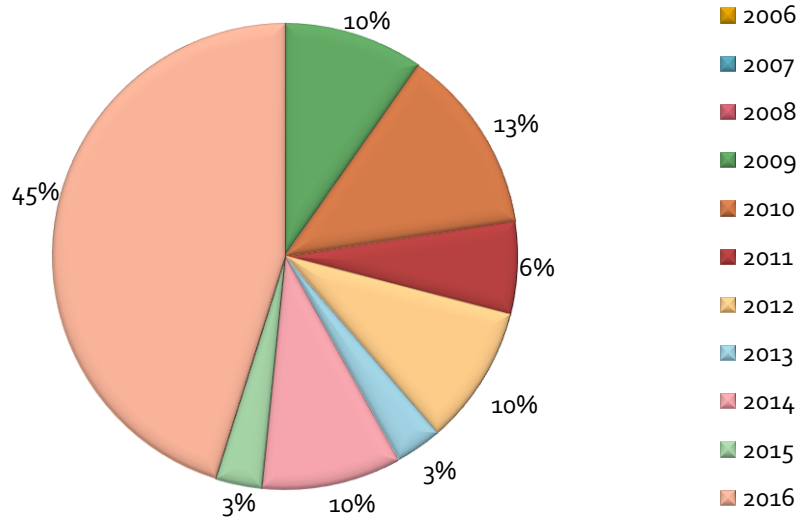
Finally, Industrial Engineering Alumni have indicated that they are satisfied of the newly revised Program Educational Objectives (PEOs).



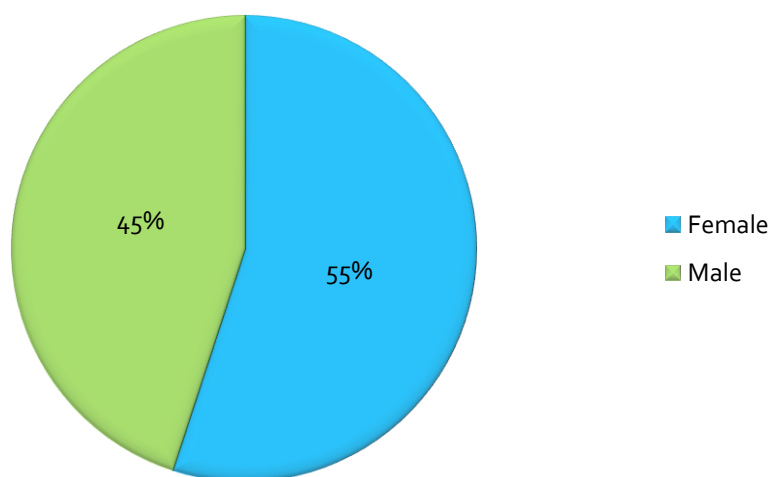
Chapter 1

Demographics

Year of Graduation?



Gender



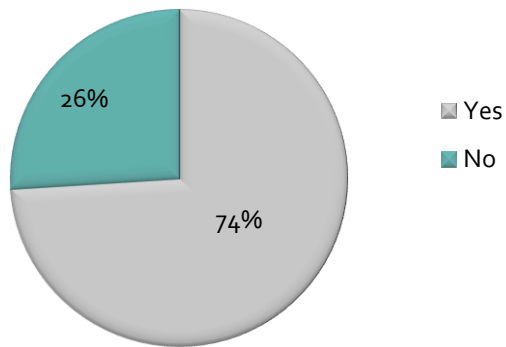
Demographics

- 71% of the respondents graduated between the years of 2012 and 2016.
- 45% of the respondents were males, 55% were females.

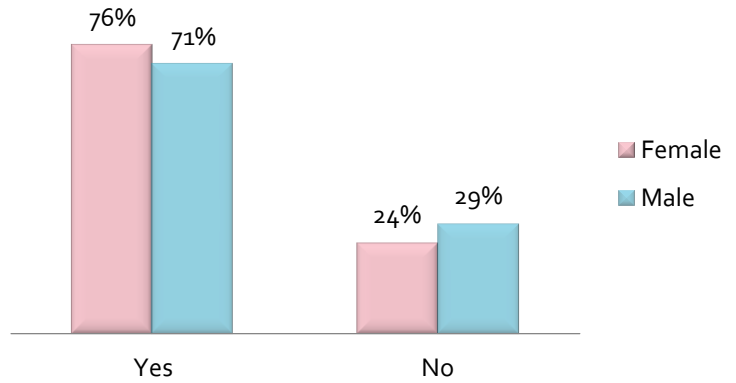
Chapter 2

Employability

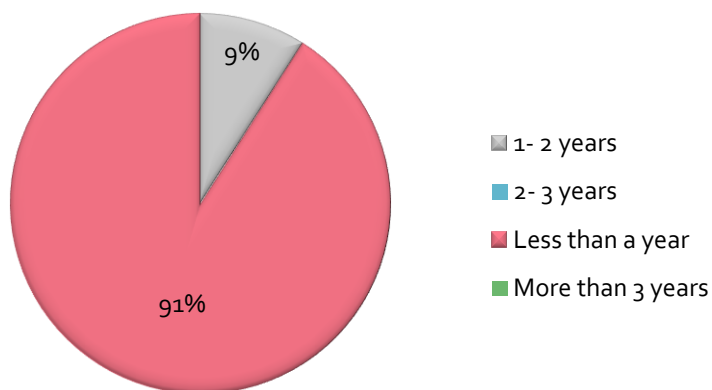
Are You Employed Now?



Are You Employed Now? Gender Distribution



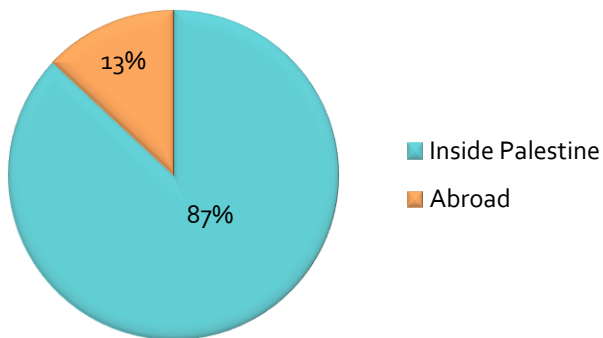
Period to First Work



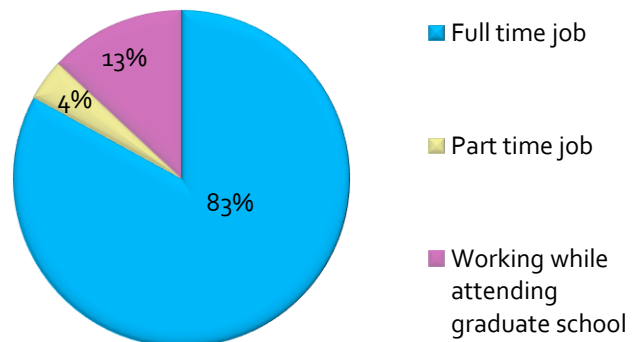
Employability

- 74% of our Alumni are currently employed.
- 91% of the respondents took less than a year to find their first job.

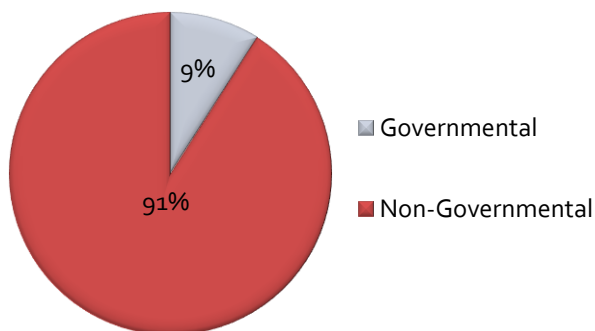
Your Work Place?



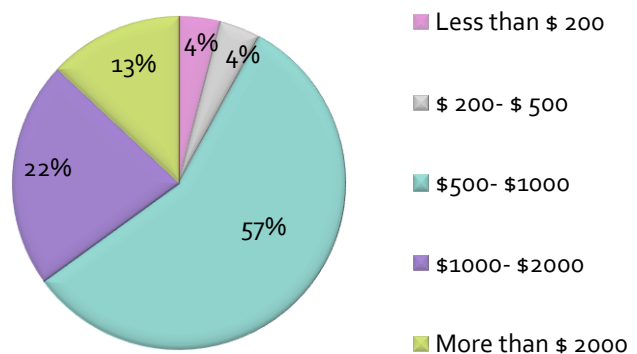
Type of Work



Type of Organization



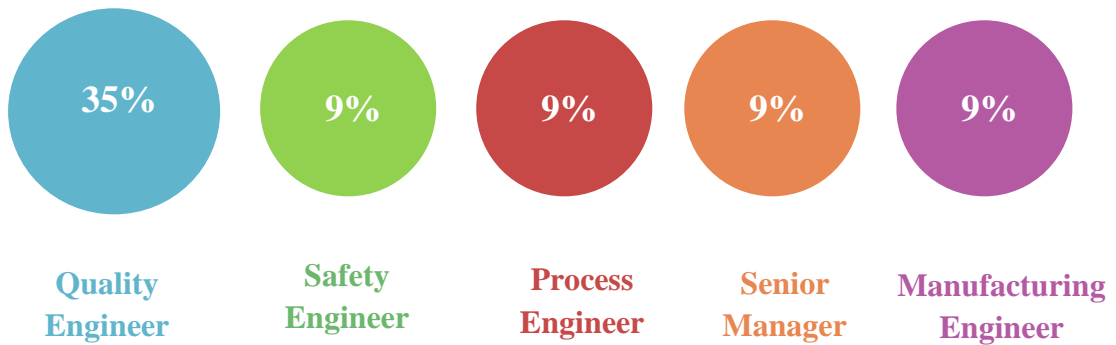
Your Monthly Salary?



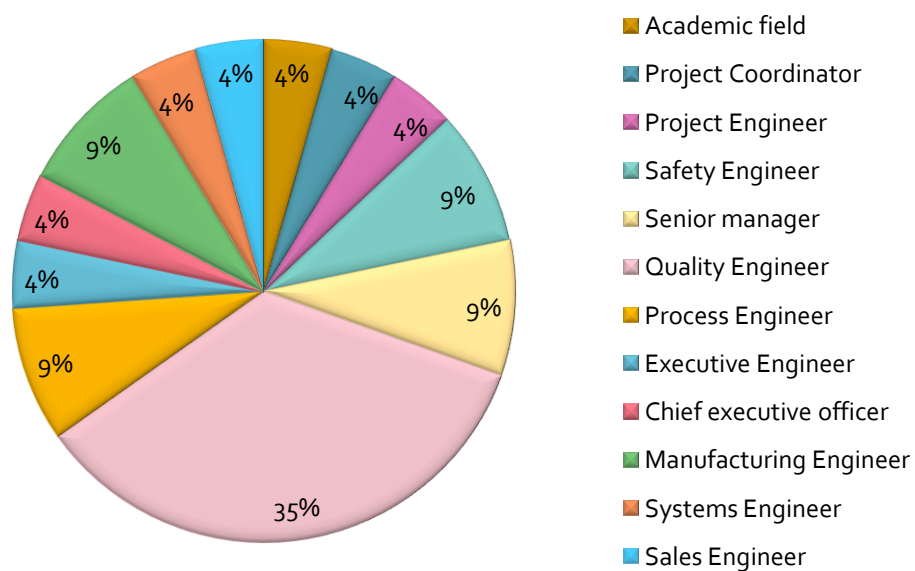
Employability Status:

- 83% of the employed respondents have a full time job.
- 87% of the employed respondents work inside Palestine.
- 91% of the employed respondents work in nongovernmental organization.
- 22% of the employed respondents have a current monthly salary between 1000-2000\$.

Top Demanded Job Titles



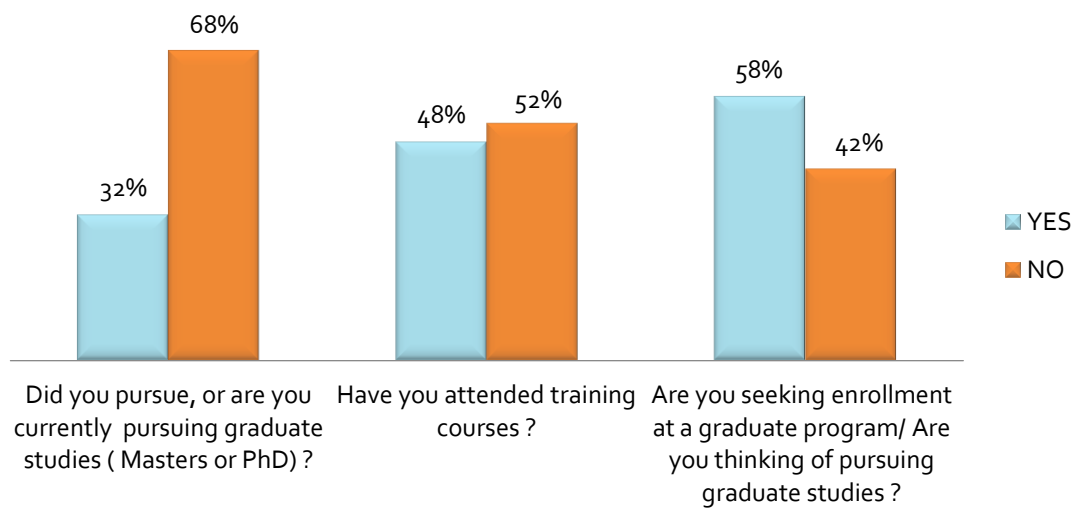
Your Job Title?



Chapter 3

Self Improvement

Life Long Learning



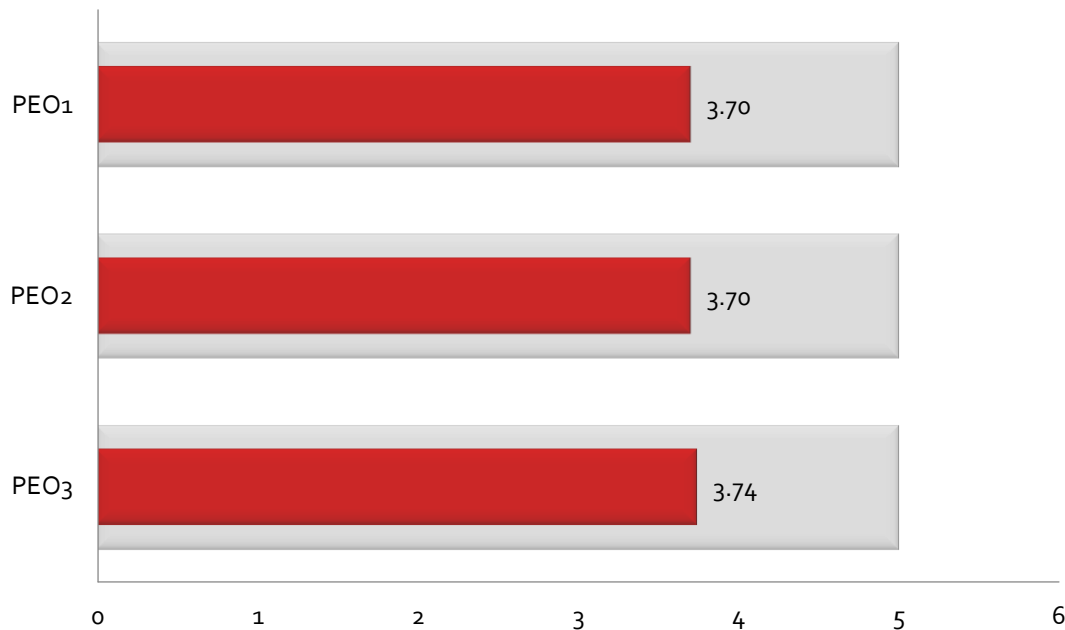
The most desirable MSc program is Engineering Management

- ❖ 32% of the respondents pursued or currently pursuing graduates studies (Masters, PhD).
- ❖ 48% of the respondents attended training courses.
- ❖ 58% of the respondents are seeking to enrol in graduate studies.

Chapter 4

Program Educational Objectives

Satisfaction Rate of the Industrial Engineering Program Educational Objectives (PEOs)



PEOs of Industrial Engineering Program:

***PEO 1:** Be effective in applying various tools of industrial engineering in an integrated fashion to solve real world problems to cater for the needs of various Industrial sectors.*

***PEO 2:** Become leaders in their profession equipped with professional and ethical responsibilities.*

***PEO3:** Pursue successful career, both nationally and internationally, sustained by life-long learning experiences.*

Alumni Recommendation:

- ✓ *The market needs more awareness for the meaning of industrial engineering.*
- ✓ *Case studies should be included in every course; so that students can link the theories with the real business (engineering world).*
- ✓ *Partnerships with the private and public sectors should be signed; so that graduation projects could be implemented and not left as paperwork.*
- ✓ *Adding courses in coding and data analysis.*



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