

Faculty of Engineering & Information Technology
An-Najah National University (NNU)

ALUMNI SURVEY RESULTS 2014

FOR COMPUTER ENGINEERING PROGRAM (CE)

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Faculty of Engineering & Information Technology

Quality and Accreditation Unit

ABET Center

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Introduction

The Quality and Accreditation Unit (ABET centre) at An-Najah National University has recently launched the Alumni Survey 2014 online. The survey has targeted the engineering alumni of the Faculty of Engineering and Information Technology at An-Najah National University, who graduated from 2006 to 2013.

The survey aimed at reviewing the Program Educational Objectives (PEOs) of our Engineering Programs that are involved in ABET assessment process to meet the international standards of Quality (ABET). The survey also aimed at taking feedback and information from our Alumni about their employability, career progression, and recent endeavours.

Executive Summary

A total number of 441 Engineering Alumni responded to the survey, 60 of whom were Computer Engineering Alumni. Majority of the respondents were among the graduates of the last 5 years (2009-2013), and most of them were males.

The survey shows that 25% of CE Alumni have pursued graduate studies (master, PhD), a percentage that is considered high as compared to other Engineering Programs at NNU. Moreover, the survey shows that CE specialization is highly demanded in the region with a percentage of 80% of Alumni are currently employed, 75% of whom work inside Palestine.

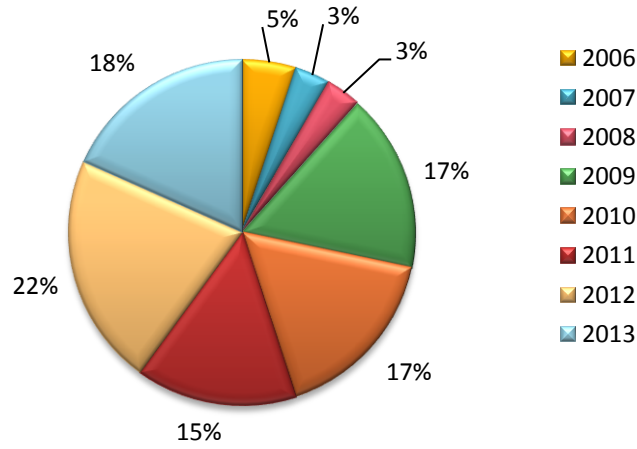
CE Alumni are employed in various professional positions. However, it was noticeable that the Software Engineering is the most demanded position in the region. Furthermore, the Alumni of CE are paid relatively satisfactory salaries locally and abroad.

Finally, Our Alumni indicated that they are satisfied with the newly rephrased Computer Engineering Program Educational Objectives (PEOs).

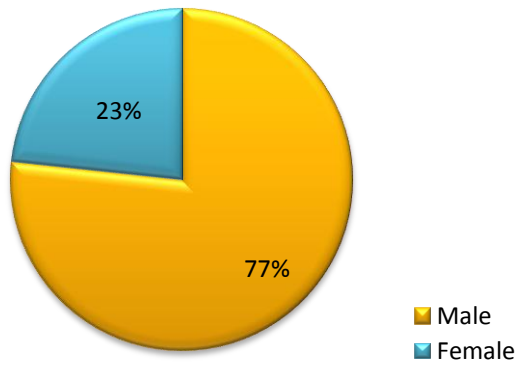


Results & Findings

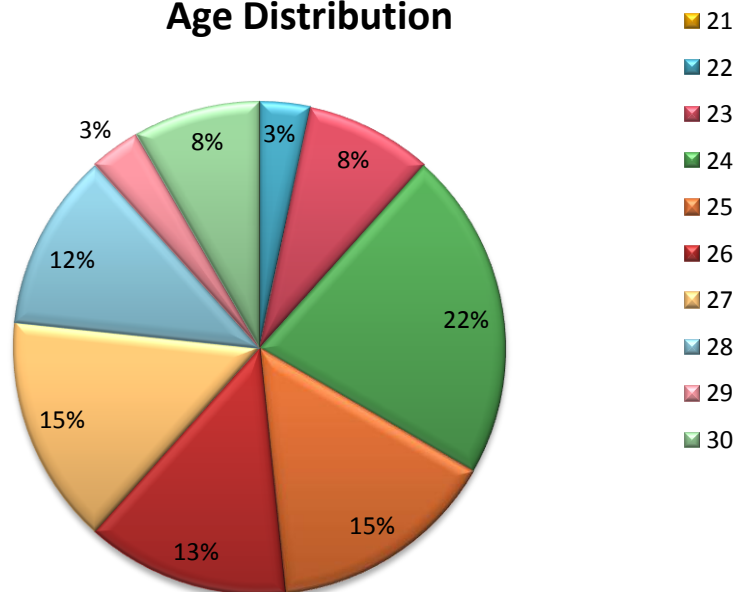
Year of Graduation



Gender



Age Distribution

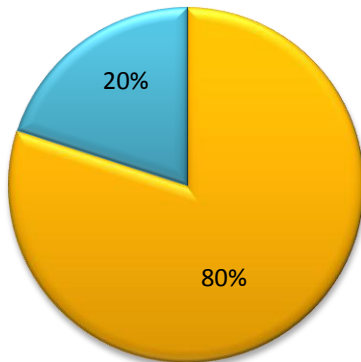


Demographics

- 72% of the respondents graduated between the years 2010 and 2013.
- 77% of the respondents were males, 23% were females.
- 73% of the respondents between the ages 23 and 27.

Chapter 2: Employability

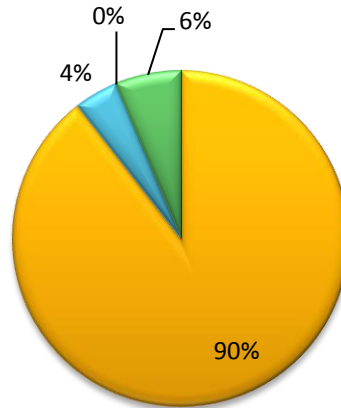
Are you Employed Now?



■ Yes ■ No

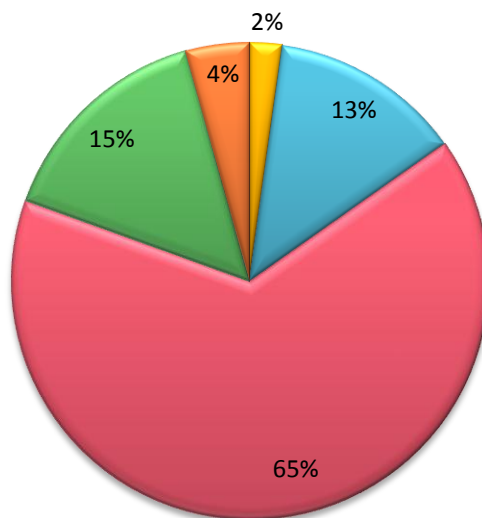
employed	Yes	No
Female	43%	57%
Male	91%	9%

Period Between Graduation and First Work



■ Less than a year
 ■ 1- 2 years
 ■ 2- 3 years
 ■ More than 3 years

Your Average Monthly Salary After Graduation (Starting Salary).

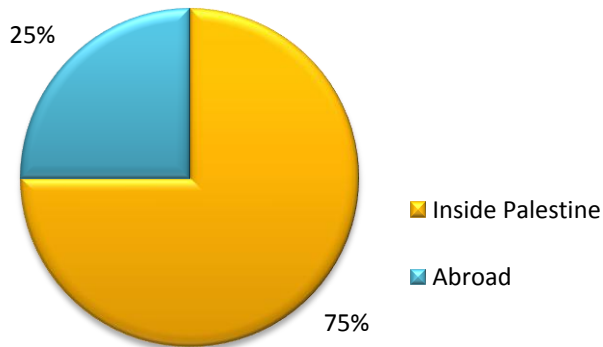


■ less than \$ 200
 ■ \$ 200- \$ 500
 ■ \$500- \$1000
 ■ \$1000- \$2000
 ■ More than 2000 \$

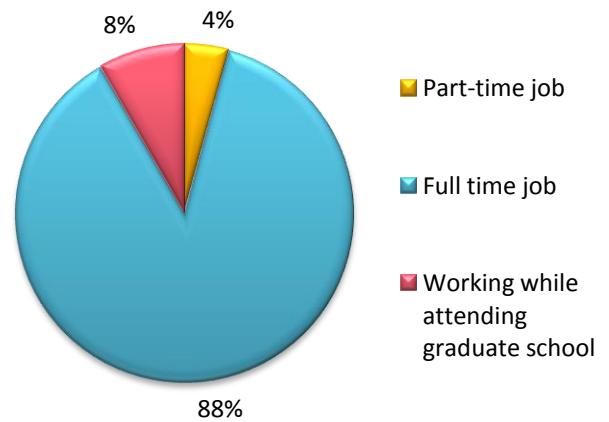
Employability

- 80% of our Alumni are currently employed, 90% of whom of the respondents took less than a year to find their first job.
- The average starting salary for CE graduates is between \$500-\$1000

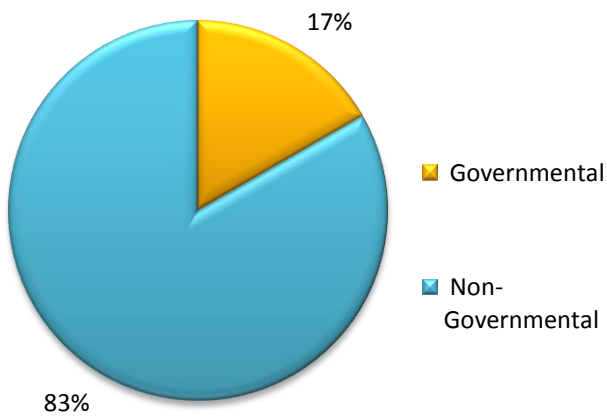
Your Work Place



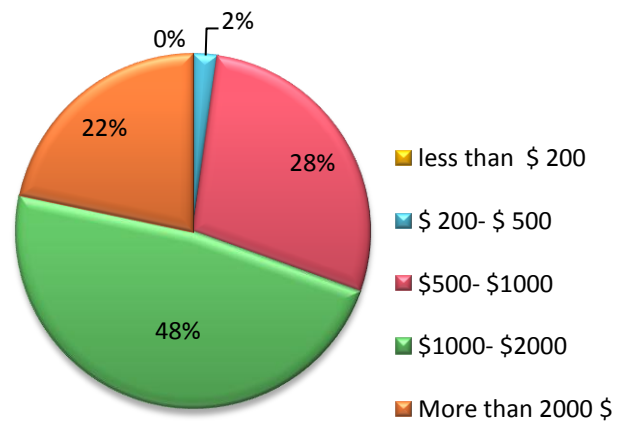
Type of Work



Type of Organization



Current Monthly Salary



Top Demanded Job Titles

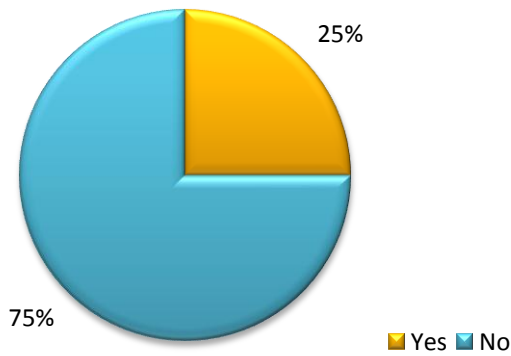
Rank	Job Title	Parentage
1	Software Engineer	46%
2	Systems Engineer	19%
3	Academic field	15%
4	Quality Engineer	6%

Summary

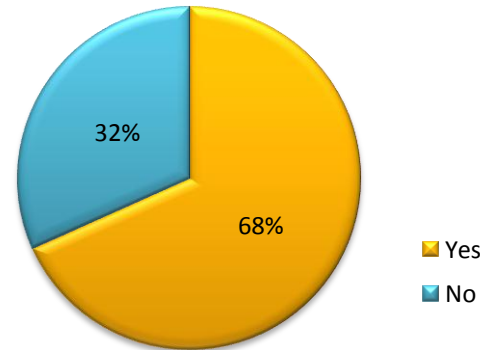
- 80% of Alumni are currently employed, 88% of whom have full time jobs.
- 75% of them work inside Palestine.
- 83% of them work in nongovernmental organizations.
- 70% of them have current monthly salaries above \$1000.

Chapter 3: Self Improvement

Did you pursue, or are you currently pursuing graduate studies (Masters or PhD) ?

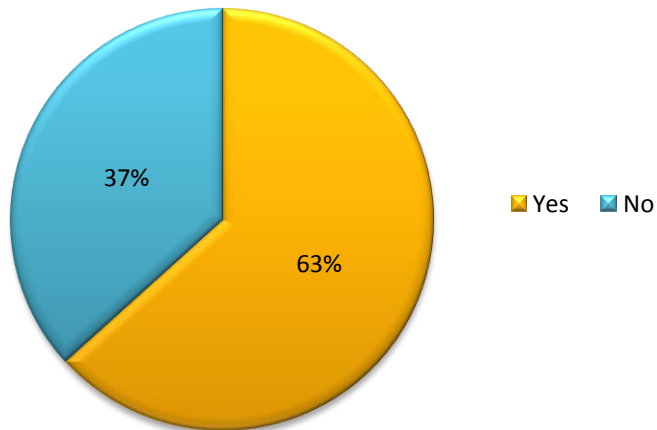


Are you seeking enrollment at a graduate program/ Are you thinking of pursuing graduate studies ?



*Most desirable graduate programs::
MSc Engineering Management, Msc Computer Science*

Have you attended training courses ?

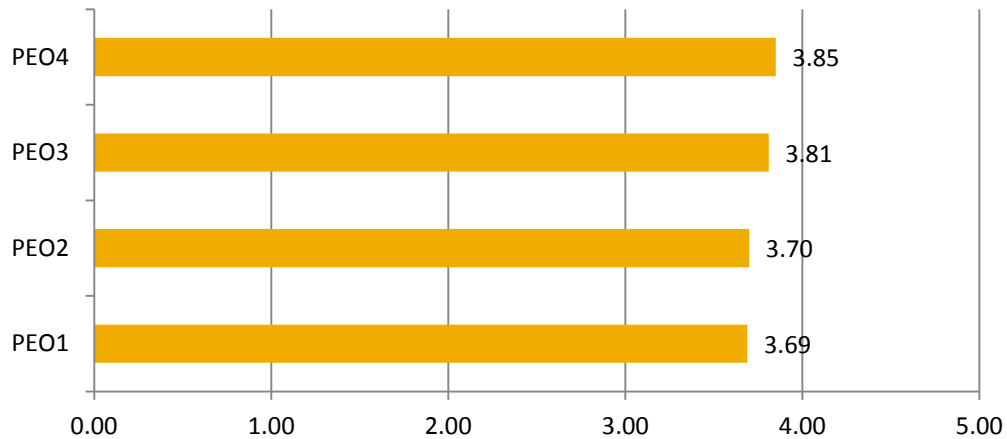


Summary

- 25% of the respondents pursued or currently pursuing graduates studies (Masters, PhD).
- 68% of the respondents are seeking to enrol in graduate studies.
- 63% of the respondents attended training courses.

Chapter 4: Program Educational Objectives

Alumni Satisfaction of the newly rephrased Program Educational Objectives (PEOs)



Newly rephrased objectives

PEO1: Our graduates will demonstrate competency in the design, analysis, implementation and optimization of modern Computer Engineering systems.

PEO2: Our graduates will assume successful careers and leadership roles in the Computer Engineering field both in the software and hardware disciplines or any other related areas, whether in an entrepreneurial, managerial, professional or academic settings.

PEO3: Our graduates will compete effectively on the global level and demonstrate professional attitude, respect for diversity, effective communication & team-working skills in addition to strong sense of ethical and social responsibility on the global and local scales.

PEO4: Our graduates will demonstrate an appreciation of life-long learning and continual self-development through successfully pursuing graduate studies or professional training

Alumni Recommendations

- ✓ *Including topics in Management, Leadership and Communication in the CE program*
- ✓ *Increasing the emphasis on information infrastructure including storage systems, backup and recovery, business continuity, archiving solutions etc*
- ✓ *Strengthening the connection between the taught techniques and their contribution in solving real world problems.*

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