





**College of Information Technology and Engineering Graduation  
Survey: Spring 2012**

**For Likert Scale Questions, low numbers are more positive than high –  
therefore the lower the mean, the more positive the response**

**Initial Report**

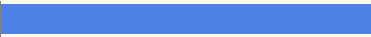

Last Modified: 03/22/2012

**1. Family Status**

#	Answer		Response	%
1	Married, no children		2	11%
2	Married, with children		3	17%
3	Single, no children		11	61%
4	Single, with children		2	11%
	Total		18	100%








Statistic	Value
Min Value	1
Max Value	4
Mean	2.72
Variance	0.68
Standard Deviation	0.83
Total Responses	18

## 2. Residence at time of admission

#	Answer		Response	%
1	In-State		14	78%
2	Metro		4	22%
3	Out-of-State		0	0%
	Total		18	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.22
Variance	0.18
Standard Deviation	0.43
Total Responses	18

**3. Number of semesters enrolled to complete your degree (Note: One semester is equal to fall, spring, or summer, resulting in the potential for three semesters in one year)**

#	Answer		Response	%
1	Fewer than 8 semesters		0	0%
2	8 semesters		7	39%
3	9 semesters		3	17%
4	10 semesters		3	17%
5	11 semesters		2	11%
6	12 semesters		0	0%
7	13 semesters		1	6%
8	14 semesters		1	6%
9	15 semesters		0	0%
10	16 semesters		0	0%
11	17 semesters		1	6%
12	18 semesters		0	0%
13	19 semesters		0	0%
14	20 semesters		0	0%
15	More than 20 semesters		0	0%
	Total		18	100%

Statistic	Value
Min Value	2
Max Value	11
Mean	3.94
Variance	6.29
Standard Deviation	2.51
Total Responses	18

#### 4. While pursuing your degree, did you

#	Answer		Response	%
1	Originally enroll and stay at Marshall		11	61%
2	Transfer from a 2-year institution or community college		4	22%
3	Transfer from another 4-year institution		3	17%
	Total		18	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.56
Variance	0.61
Standard Deviation	0.78
Total Responses	18

#### 5. During the last year of your studies, how many hours a week did you work while attending classes?

#	Answer		Response	%
1	None		0	0%
2	1 - 10		3	17%
3	11 - 20		4	22%
4	21 - 30		7	39%
5	More than 30		4	22%
	Total		18	100%

Statistic	Value
Min Value	2
Max Value	5
Mean	3.67
Variance	1.06
Standard Deviation	1.03
Total Responses	18

## 6. Which of the following best describes your educational objective while attending Marshall University?

#	Answer	Response	%
1	Begin my first career	11	61%
2	Advance in current career	2	11%
3	Change career	5	28%
4	Non-career objective	0	0%
	Total	18	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.67
Variance	0.82
Standard Deviation	0.91
Total Responses	18

## 7. Upon graduation, what was the dollar amount of your educational loan indebtedness?

#	Answer		Response	%
1	No indebtedness		7	39%
2	Up to \$4,999		0	0%
3	\$5,000 - \$9,999		1	6%
4	\$10,000 - \$14,999		2	11%
5	\$15,000 - \$19,999		1	6%
6	Over \$20,000		7	39%
	Total		18	100%

Statistic	Value
Min Value	1
Max Value	6
Mean	3.61
Variance	5.31
Standard Deviation	2.30
Total Responses	18

## 8. Did you take part in an internship, practicum or other structured work experience related to your major and anticipated career?

#	Answer		Response	%
1	Yes		16	89%
2	No		2	11%
	Total		18	100%

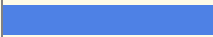

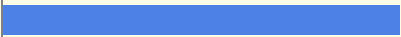






Statistic	Value
Min Value	1
Max Value	2
Mean	1.11
Variance	0.10
Standard Deviation	0.32
Total Responses	18

**9. If you answered "yes" to the previous question, did that experience increase your ability to secure employment or employment offers?**


#	Answer	Response	%
1	Yes	13	81%
2	No	1	6%
3	Insufficient information to answer this question	2	13%
	Total	16	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.31
Variance	0.50
Standard Deviation	0.70
Total Responses	16

## 10. When I graduate from Marshall University I plan to (check all that apply)

#	Answer		Response	%
1	Attend graduate school		8	44%
2	Complete additional undergraduate coursework		0	0%
3	Continue to work at the same job I have at present		3	17%
4	Enter the military		0	0%
5	Work for a private sector company or corporation		15	83%
6	Work for a local, state, or federal agency		6	33%
7	Work for a volunteer or service organization, e.g. Peace Corps, AmeriCorps, City Year, etc.		1	6%
8	Work for a non-profit organization, e.g. hospital, university, public school, etc.		1	6%
9	Begin my own business		1	6%
10	Start or raise a family		3	17%
11	Take time off (to travel, etc.)		1	6%



12	Undecided or no plans		1	6%
13	Other		0	0%

Other

Statistic	Value
Min Value	1
Max Value	12
Total Responses	18

**11. If you plan to continue your education and have applied to institutions of higher education, please check all that apply: I have applied to institutions of higher education**

#	Answer		Response	%
1	Within 50 miles of my college town		2	40%
2	Within 50 miles of my home town		1	20%
3	Over 50 miles, but within 500 miles of my college town		0	0%
4	Over 50 miles, but within 500 miles of my home town		0	0%
5	In WV		1	20%
6	In at least one of WV's neighboring states (OH, KY, VA, MD, PA)		0	0%
7	Within the US, but outside the above boundaries		2	40%
8	Internationally		0	0%
9	Other (please specify)		1	20%

Other (please specify)

Taking time off before grad school

Statistic	Value
Min Value	1
Max Value	9
Total Responses	5

## 12. Have you been accepted by a higher-level educational program?

#	Answer	Response	%
1	Yes	0	0%
2	No	6	100%

Statistic	Value
Min Value	2
Max Value	2
Total Responses	6

## 13. If you have been accepted by a higher level institution, what institution do you plan to attend?

Text Response

Statistic	Value
Total Responses	0

## 14. While pursuing my degree at Marshall University

#	Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Responses	Mean
1	I developed the ability to write effectively.	2	14	1	1	0	18	2.06
2	I developed the ability to use mathematics in everyday life.	7	8	3	0	0	18	1.78
3	I learned to find scholarly information, to evaluate it critically and to use it effectively.	8	8	2	0	0	18	1.67
4	I gained expertise in the use of technology important in my major field.	8	7	3	0	0	18	1.72
5	I acquired sufficient skills and knowledge to prepare for career-related positions.	8	9	1	0	0	18	1.61
6	I developed the ability to express myself effectively through	5	11	2	0	0	18	1.83

	speaking.							
7	I developed multicultural and global perspectives.	2	10	5	1	0	18	2.28
8	Writing intensive courses helped me to improve my writing skills.	1	9	5	2	1	18	2.61
9	My classes challenged me to analyze and evaluate issues and to solve real-world problems in a manner that is ethical and supportive of our civic well being.	6	9	3	0	0	18	1.83
10	I broadened my appreciation for the arts.	2	7	7	0	2	18	2.61
11	My capstone course challenged me to do my best work.	6	8	3	1	0	18	1.94
12	I learned to examine issues from multiple perspectives.	7	9	2	0	0	18	1.72
13	I learned to use what I know to solve novel	7	11	0	0	0	18	1.61

	problems.							
14	I learned to analyze my own values and to examine other viewpoints and credible evidence.	5	9	3	0	0	17	1.88







## 15. Now that I have completed my degree,

#	Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Responses	Mean
1	I feel adequately prepared for a career and/or graduate or professional study in my major field.	8	7	2	1	0	18	1.78
2	I believe that Marshall University's program in my major field is of high quality.	9	6	2	0	1	18	1.78
3	I would recommend to others that they study the same program at Marshall.	9	6	3	0	0	18	1.67
4	I would recommend Marshall to prospective students.	11	4	3	0	0	18	1.56

Statistic	I feel adequately prepared for a career and/or graduate or professional study in my major field.	I believe that Marshall University's program in my major field is of high quality.	I would recommend to others that they study the same program at Marshall.	I would recommend Marshall to prospective students.
Min Value	1	1	1	1
Max Value	4	5	3	3
Mean	1.78	1.78	1.67	1.56
Variance	0.77	1.12	0.59	0.61
Standard Deviation	0.88	1.06	0.77	0.78
Total Responses	18	18	18	18

**16. Please rate your level of satisfaction with the quality of the following at Marshall:**

#	Question	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Responses	Mean
1	Teaching	10	7	1	0	0	18	1.50
2	Advising	5	7	6	0	0	18	2.06
3	Academic Support Services	2	6	9	1	0	18	2.50
4	Classroom/Lab Facilities	3	8	5	1	1	18	2.39

Statistic	Teaching	Advising	Academic Support Services	Classroom/Lab Facilities
Min Value	1	1	1	1
Max Value	3	3	4	5
Mean	1.50	2.06	2.50	2.39
Variance	0.38	0.64	0.62	1.08
Standard Deviation	0.62	0.80	0.79	1.04
Total Responses	18	18	18	18

## 17. When I graduate, I plan to

#	Answer	Response	%
1	Be employed	18	100%
2	Further my education	7	39%
3	Other	0	0%

Other

Statistic	Value
Min Value	1
Max Value	2
Total Responses	18

## 18. If you plan to be employed after graduation, will your job be in the career path you have chosen?

#	Answer	Response	%
1	Yes	17	94%
2	No	0	0%
3	Don't know yet	1	6%
	Total	18	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.11
Variance	0.22
Standard Deviation	0.47
Total Responses	18

### 19. If you plan to be employed after graduation, will your job be in your major field?

#	Answer		Response	%
1	Yes		16	89%
2	No		1	6%
3	Don't know yet		1	6%
	Total		18	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.17
Variance	0.26
Standard Deviation	0.51
Total Responses	18

### 20. If you plan to be employed after graduation, will your job be

#	Answer		Response	%
1	In WV?		9	53%
2	In KY, OH, PA, VA, or MD?		8	47%
3	In a state other than one mentioned above?		0	0%
4	In a country other than the US?		0	0%
	Total		17	100%





Statistic	Value
Min Value	1
Max Value	2
Mean	1.47
Variance	0.26
Standard Deviation	0.51
Total Responses	17

**21. If you plan to be employed after graduation, will your job be (choose all that apply):**

#	Answer	Response	%
1	within 50 miles of your college town?	9	53%
2	within 50 miles of your home town?	6	35%
3	over 50 miles, but within 500 miles of your college town?	4	24%
4	over 50 miles, but within 500 miles of your home town?	6	35%
5	over 500 miles from your college town	0	0%
6	over 500 miles from your home town	0	0%

Statistic	Value
Min Value	1
Max Value	4
Total Responses	17

## 22. If you have accepted employment, what will be your starting salary?

#	Answer		Response	%
1	\$10,000 or less		0	0%
2	\$10,001 - \$15,000		0	0%
3	\$15,001 - \$20,000		0	0%
4	\$20,001 - \$25,000		0	0%
5	\$25,001 - \$30,000		0	0%
6	\$30,001 - \$35,000		0	0%
7	\$35,001 - \$40,000		0	0%
8	\$40,001 - \$45,000		3	18%
9	\$45,001 - \$50,000		1	6%
10	More than \$50,000		9	53%
11	I have not yet accepted employment		4	24%
	Total		17	100%

Statistic	Value
Min Value	8
Max Value	11
Mean	9.82
Variance	1.03
Standard Deviation	1.01
Total Responses	17

### 23. For the position indicated above, who is your employer?

Text Response
JPMorgan Chase
CSX
JPMorgan Chase
N/A
Trace Creek Construction, Inc.
USACE
Triad Engineering
Bowen engineering
US Army Corps of Engineers
GAI Consultants, Inc.
Manpower - Placed in Alcon Laboratories

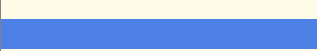

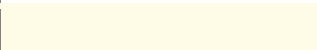

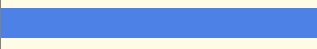
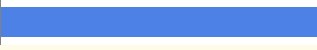

Statistic	Value
Total Responses	11

### 24. Did you use Career Services to help you with your career path?

#	Answer	Response	%
1	Yes	3	17%
2	No	15	83%
	Total	18	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.83
Variance	0.15
Standard Deviation	0.38
Total Responses	18

**25. If you answered "yes" to the previous question, please indicate all services used.**

#	Answer		Response	%
1	Marshall JobTrax		2	67%
2	Resume assistance		2	67%
3	Career Advising		0	0%
4	Mock Interviewing		1	33%
5	On-campus recruitment event		2	67%
6	Career Fair		2	67%
7	Other		0	0%

Other

Statistic	Value
Min Value	1
Max Value	6
Total Responses	3



**26. Please indicate your level of satisfaction with these elements of your experience in the College of Information Technology and Engineering:**

#	Question	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Responses	Mean
1	Availability of academic advising and quality of advising	6	8	3	1	0	18	1.94
2	Availability of courses	4	9	4	1	0	18	2.11
3	Responsiveness to student needs	7	9	2	0	0	18	1.72
4	Quality/Effectiveness of classroom teaching	6	9	3	0	0	18	1.83

Statistic	Availability of academic advising and quality of advising	Availability of courses	Responsiveness to student needs	Quality/Effectiveness of classroom teaching
Min Value	1	1	1	1
Max Value	4	4	3	3
Mean	1.94	2.11	1.72	1.83
Variance	0.76	0.69	0.45	0.50
Standard Deviation	0.87	0.83	0.67	0.71
Total Responses	18	18	18	18

**27. Gender**

Value	Total
Female	3
Male	16

## 28. Race

Value	Total
White	17
Asian/Pacific Islander	1
African American	1

## 29. Age

Value	Total
23	2
21	4
22	3
28	1
51	1
30	2
25	2
41	1
35	1
32	1
26	1

## 30. Degree

Value	Total
BS	5
BSE	14

## 31. Major

Value	Total
TC10	3
TE20	14
TS10	2

### 32. Minor\_1

Value	Total
VMTH	2
VPSY	1
VCHM	1
[No Value]	15

### 33. Minor\_2

Value	Total
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### 34. GPA

Value	Total
3.91	2
3.51	1
3.28	1
2.54	1
3.17	1
3.42	1
3	1
2.62	1
2.65	2
3.4	1
2.89	1
2.33	1
3.43	1
3.66	1
2.8	1
3.45	1
3.81	1