

College of Information Technology and Engineering Survey Results: Calendar Year 2010

Please note that the scale for all Likert questions ranges from 1 = Very Satisfied to 5 = Very Dissatisfied. Therefore, lower means are more positive than higher means.

1. Family Status

#	Answer	Response	%
1	Married, no children	2	10%
2	Married, with children	2	10%
3	Single, no children	16	80%
4	Single, with children	0	0%
	Total	20	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	2.70
Variance	0.43
Standard Deviation	0.66
Total Responses	20

2. Residence at time of admission

#	Answer	Response	%
1	In-State	17	85%
2	Metro	2	10%
3	Out-of-State	1	5%
	Total	20	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.20
Variance	0.27
Standard Deviation	0.52
Total Responses	20

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)

Text Response
9
8
10
8 I think
11
9 semesters
9
10
8
10
8
8
8
8
One semester (fall)
9
7
August 2005- August 2010 (Roughly 10 Semesters)
9

Statistic	Value
Total Responses	19

4. While pursuing your degree, did you

#	Answer	Response	%
1	Originally enroll and stay at Marshall	15	75%
2	Transfer from a 2-year institution or community college	1	5%
3	Transfer from another 4-year institution	4	20%
	Total	20	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.45
Variance	0.68
Standard Deviation	0.83
Total Responses	20

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

#	Answer	Response	%
1	None	8	40%
2	1 - 10	3	15%
3	11 - 20	4	20%
4	21 - 30	2	10%
5	More than 30	3	15%
	Total	20	100%

Statistic	Value
Min Value	1
Max Value	5
Mean	2.45
Variance	2.26
Standard Deviation	1.50
Total Responses	20

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

#	Answer	Response	%
1	Begin my first career	19	95%
2	Advance in current career	1	5%
3	Change career	0	0%
4	Non-career objective	0	0%
	Total	20	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.05
Variance	0.05
Standard Deviation	0.22
Total Responses	20

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

#	Answer	Response	%
1	No indebtedness	11	55%
2	Up to \$4,999	2	10%
3	\$5,000 - \$9,999	1	5%
4	\$10,000 - \$14,999	1	5%
5	\$15,000 - \$19,999	3	15%
6	Over \$20,000	2	10%
	Total	20	100%

Statistic	Value
Min Value	1
Max Value	6
Mean	2.45
Variance	3.73
Standard Deviation	1.93
Total Responses	20

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	15	75%
2	No	5	25%
	Total	20	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.25
Variance	0.20
Standard Deviation	0.44
Total Responses	20

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		12	80%
2	No		2	13%
3	Insufficient information to answer this question		1	7%
	Total		15	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.27
Variance	0.35
Standard Deviation	0.59
Total Responses	15

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

#	Answer	Response	%
1	Attend graduate school	12	60%
2	Complete additional undergraduate coursework	4	20%
3	Continue to work at the same job I have at present	0	0%
4	Enter the military	0	0%
5	Work for a private sector company or corporation	12	60%
6	Work for a local, state, or federal agency	10	50%
7	Work for a volunteer or service organization, e.g. Peace Corps, AmeriCorps, City Year, etc.	2	10%
8	Work for a non-profit organization, e.g. hospital, university, public school, etc.	3	15%
9	Begin my own business	4	20%
10	Start or raise a family	6	30%
11	Take time off (to travel, etc.)	5	25%
12	Undecided or no plans	3	15%
13	Other	1	5%

Other

Go into remission from my chronic illness so that I can work efficiently, and then start a family

Statistic	Value
Min Value	1
Max Value	13
Total Responses	20

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		3	30%
2	Within 50 miles of my home town		1	10%
3	Over 50 miles, but within 500 miles of my college town		3	30%
4	Over 50 miles, but within 500 miles of my home town		2	20%
5	In WV		3	30%
6	In at least one of WV's neighboring states (OH, KY, VA, MD, PA)		1	10%
7	Within the US, but outside the above boundaries		4	40%
8	Internationally		0	0%
9	Other (please specify)		1	10%

Other (please specify)
online

Statistic	Value
Min Value	1
Max Value	9
Total Responses	10

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

#	Answer		Response	%
1	Yes		5	50%
2	No		5	50%

Statistic	Value
Min Value	1
Max Value	2
Total Responses	10

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

Text Response
Clemson University
undecided
Wake Forest University
Marshall

Statistic	Value
Total Responses	4

14. While pursuing my degree at Marshall University

#	Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Responses	Mean
1	I acquired a basic knowledge in general education (humanities and social science courses)	3	15	1	0	0	19	1.89
2	I developed the ability to write effectively	2	14	3	0	0	19	2.05
3	I developed the ability to use mathematics effectively	13	5	1	0	0	19	1.37
4	I had sufficient access to and opportunity to use computers	9	9	0	0	0	18	1.50
5	I increased my competency in basic computer operations	9	9	1	0	0	19	1.58
6	I received training in computers and technology that was appropriate for my major field	5	12	1	1	0	19	1.89
7	I acquired sufficient skills and knowledge to prepare for career-related positions	6	12	1	0	0	19	1.74
8	I developed the ability to express myself effectively through speaking	5	10	3	1	0	19	2.00
9	I developed multicultural and global perspectives	5	9	4	1	0	19	2.05
10	I found the writing intensive courses I took valuable	2	8	3	5	1	19	2.74

11	I developed critical thinking skills	10	9	0	0	0	19	1.47
12	I broadened my appreciation for the arts	3	7	5	4	0	19	2.53
13	I found that the science courses I took increased my understanding of the scientific processes	6	10	2	1	0	19	1.89
14	I found the capstone (senior seminar) in my major valuable	5	10	3	1	0	19	2.00

Statistic	I acquired a basic knowledge in general education (humanities and social science courses)	I developed the ability to write effectively	I developed the ability to use mathematics effectively	I had sufficient access to and opportunity to use computers	I increased my competency in basic computer operations	I received training in computers and technology that was appropriate for my major field	I acquired sufficient skills and knowledge to prepare for career-related positions	I developed the ability to express myself effectively through speaking
Min Value	1	1	1	1	1	1	1	1
Max Value	3	3	3	2	3	4	3	4
Mean	1.89	2.05	1.37	1.50	1.58	1.89	1.74	2.00
Variance	0.21	0.27	0.36	0.26	0.37	0.54	0.32	0.67
Standard Deviation	0.46	0.52	0.60	0.51	0.61	0.74	0.56	0.82
Total Responses	19	19	19	18	19	19	19	19

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.	5	11	2	1	0	19	1.95
2	I believe that Marshall University's program in my major field is of high quality.	8	10	0	1	0	19	1.68
3	I would recommend to others that they study the same program at Marshall.	9	9	0	0	1	19	1.68
4	I would recommend Marshall to prospective students.	6	12	0	0	1	19	1.84

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	4	5	5
Mean	1.95	1.68	1.68	1.84
Variance	0.61	0.56	0.89	0.81
Standard Deviation	0.78	0.75	0.95	0.90
Total Responses	19	19	19	19

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	9	0	0	0	19	1.47
2	Advising	5	10	1	3	0	19	2.11
3	Academic Support Services	2	12	4	1	0	19	2.21
4	Classroom/Lab Facilities	4	13	2	0	0	19	1.89

Statistic	Teaching	Advising	Academic Support Services	Classroom/Lab Facilities
Min Value	1	1	1	1
Max Value	2	4	4	3
Mean	1.47	2.11	2.21	1.89
Variance	0.26	0.99	0.51	0.32
Standard Deviation	0.51	0.99	0.71	0.57
Total Responses	19	19	19	19

17. When I graduate, I plan to

#	Answer	Response	%
1	Be employed	14	74%
2	Further my education	11	58%
3	Other	2	11%

Other

short-term international missionary

Put things in perspective, and decide where I will go from there

Statistic	Value
Min Value	1
Max Value	3
Total Responses	19

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

#	Answer	Response	%
1	Yes	13	93%
2	No	0	0%
3	Don't know yet	1	7%
	Total	14	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.14
Variance	0.29
Standard Deviation	0.53
Total Responses	14

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

#	Answer	Response	%
1	Yes	12	92%
2	No	0	0%
3	Don't know yet	1	8%
	Total	13	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.15
Variance	0.31
Standard Deviation	0.55
Total Responses	13

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

#	Answer	Response	%	
1	In WV?		11	79%
2	In KY, OH, PA, VA, or MD?		2	14%
3	In a state other than one mentioned above?		1	7%
4	In a country other than the US?		0	0%
	Total		14	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	1.29
Variance	0.37
Standard Deviation	0.61
Total Responses	14

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?	8	57%
2	within 50 miles of your home town?	9	64%
3	over 50 miles, but within 500 miles of your college town?	1	7%
4	over 50 miles, but within 500 miles of your home town?	3	21%
5	over 500 miles from your college town	1	7%
6	over 500 miles from your home town	1	7%

Statistic	Value
Min Value	1
Max Value	6
Total Responses	14

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	1	8%
8	\$40,001 - \$45,000	3	23%
9	\$45,001 - \$50,000	1	8%
10	More than \$50,000	0	0%
11	I have not yet accepted employment	8	62%
	Total	13	100%

Statistic	Value
Min Value	7
Max Value	11
Mean	9.85
Variance	2.47
Standard Deviation	1.57
Total Responses	13

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

Text Response
WVDOT
E. L. Robinson
RTI
Safety Director
state

Statistic	Value
Total Responses	5

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

#	Answer	Response	%
1	Yes	6	32%
2	No	13	68%
	Total	19	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.68
Variance	0.23
Standard Deviation	0.48
Total Responses	19

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

#	Answer	Response	%
1	Marshall JobTrax	5	83%
2	Resume assistance	4	67%
3	Career Advising	1	17%
4	Mock Interviewing	1	17%
5	On-campus recruitment event	3	50%
6	Career Fair	2	33%
7	Other	0	0%

Other

Statistic	Value
Min Value	1
Max Value	6
Total Responses	6

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	3	11	2	1	1	18	2.22
2	Availability of courses	4	8	4	2	0	18	2.22
3	Responsiveness to students with special needs	2	6	10	0	0	18	2.44
4	Professionalism/Scholarship of Faculty	9	9	0	0	0	18	1.50
5	Development of critical thinking skills	9	9	0	0	0	18	1.50

Statistic	Availability of academic advising and quality of advising	Availability of courses	Responsiveness to students with special needs	Professionalism/Scholarship of Faculty	Development of critical thinking skills
Min Value	1	1	1	1	1
Max Value	5	4	3	2	2
Mean	2.22	2.22	2.44	1.50	1.50
Variance	1.01	0.89	0.50	0.26	0.26
Standard Deviation	1.00	0.94	0.70	0.51	0.51
Total Responses	18	18	18	18	18

27. Gender

Value	Total
M	18
F	2

28. Race

Value	Total
White	19
Hispanic	1

29. Age

Value	Total
21	7
22	5
29	1
23	3
25	1
26	1
52	1
28	1

30. Degree

Value	Total
BSE	13
BS	7

31. Major

Value	Total
Engineering	13
Safety Technology	3
Computer Science	4

32. GPA

Value	Total
2.89	1
3.41	2
3.73	1
2.39	2
2.79	1
2.65	1
3.56	1
3.28	1
3.86	1
3.46	1
3.2	1
3.27	1
4	1
3.06	1
2.63	1
3.01	1
2.95	1
2.76	1