

Unit-Level trend analysis, by year, indicating the changes in factor means
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Order: 21658 > EBI Engineering Exit Assessment

Population: University of Wisconsin-Madison > All Respondents (no filter selected) (584 responses)

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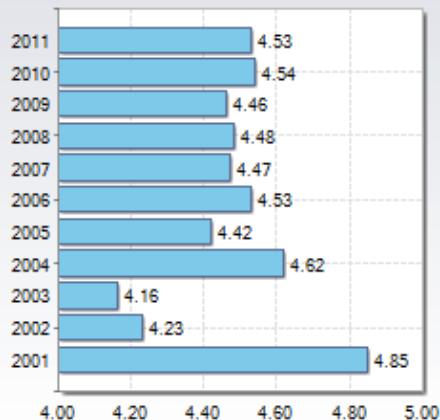
Years:

- 2011
- 2005
- 2010
- 2004
- 2009
- 2003
- 2008
- 2002
- 2007
- 2001
- 2006

Choose Factor: Unit Level: Choose Unit:
[Factors & Questions](#) [Factors Only](#) [Questions Only](#)
Sort Factors by in descending order Sort Questions by in descending order Show up to Factors(s)/Question(s) per Report PageReport Page of 1

Engineering Major: Chemical/Molecular

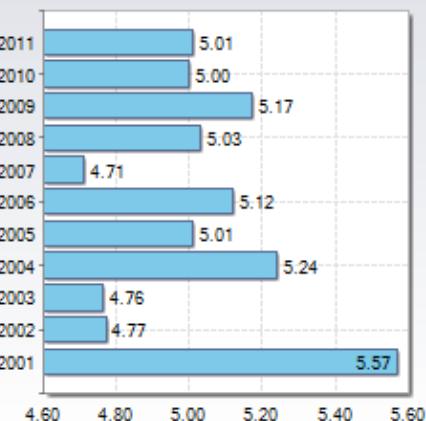
Factor 1. Instruction & Interaction in Major Courses



	N	Mean	Difference	Std Dev
2011	76	4.53	0.00	1.06
2010	26	4.54	-0.01	0.88
Mean				
2009		4.46	0.07	
2008		4.48	0.05	
2007		4.47	0.06	
2006		4.53	0.00	
2005		4.42	0.11	
2004		4.62	-0.09	
2003		4.16	0.37	
2002		4.23	0.30	
2001		4.85	-0.32	

Q015. Instruction and Faculty in your Engineering Major Quality of: Teaching

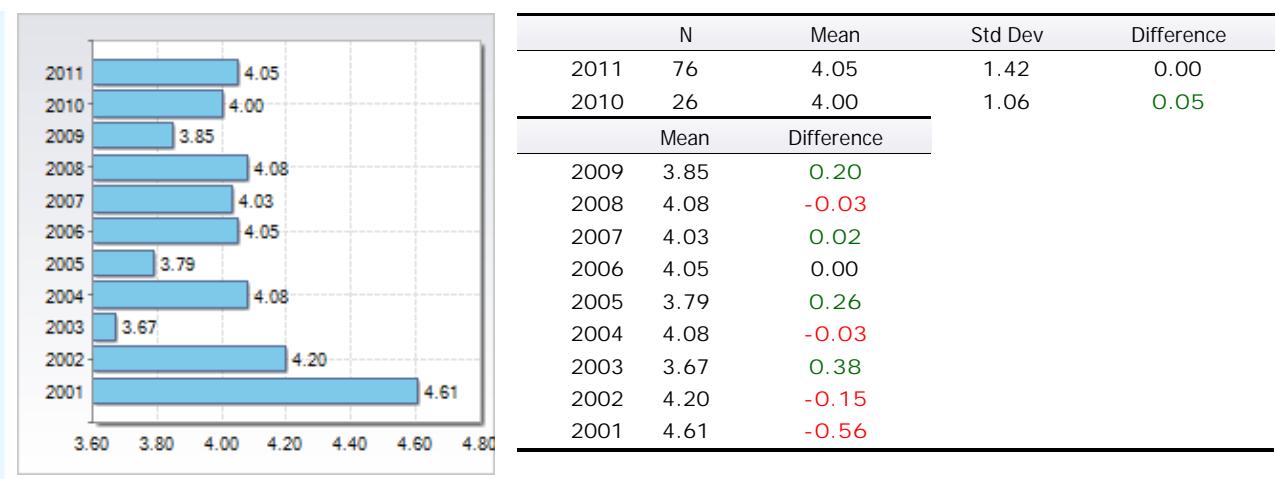
Scale: (1) Very poor, (2) Poor, (3) Fair, (4) Good, (5) Very good, (6) Excellent, (7) Exceptional, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.01	1.10	0.00
2010	26	5.00	0.75	0.01
Mean				
2009		5.17	-0.16	
2008		5.03	-0.02	
2007		4.71	0.30	
2006		5.12	-0.11	
2005		5.01	0.00	
2004		5.24	-0.23	
2003		4.76	0.25	
2002		4.77	0.24	
2001		5.57	-0.56	

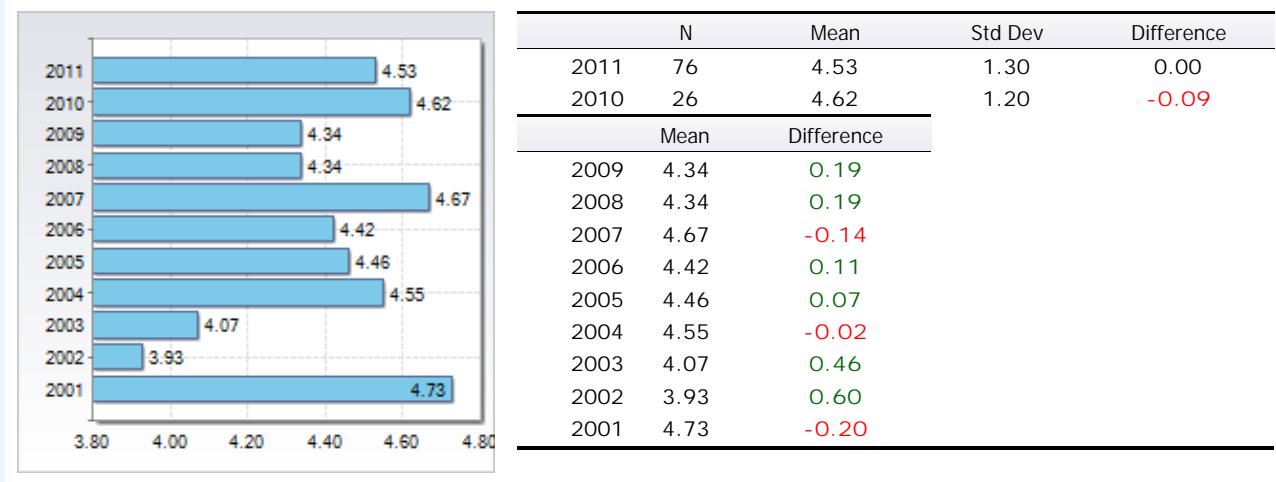
Q016. Instruction and Faculty in your Engineering Major Quality of: Feedback on assignments (other than grades)

Scale: (1) Very poor, (2) Poor, (3) Fair, (4) Good, (5) Very good, (6) Excellent, (7) Exceptional, Not applicable

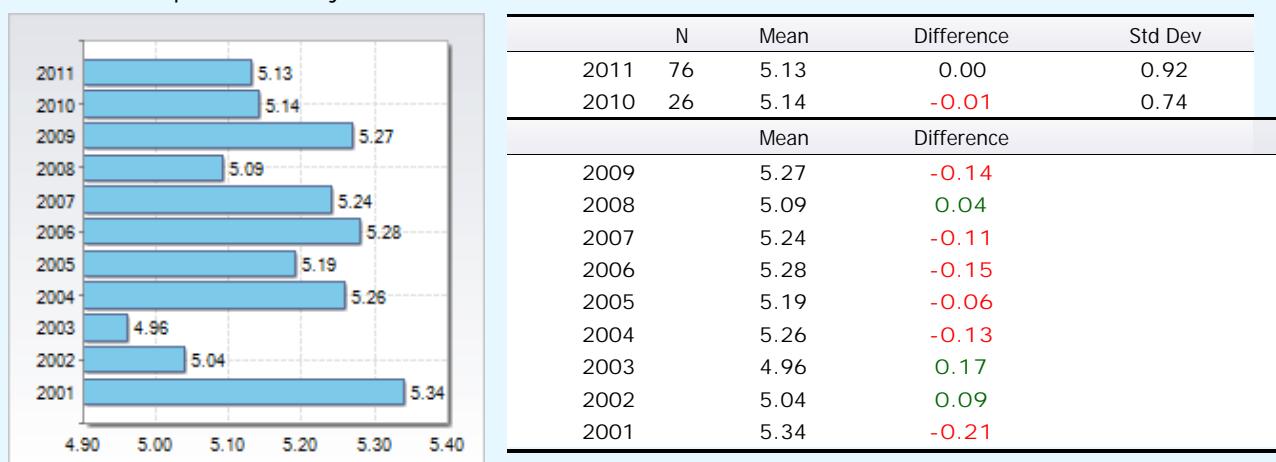


Q017. Instruction and Faculty in your Engineering Major Quality of: Student/faculty interaction

Scale: (1) Very poor, (2) Poor, (3) Fair, (4) Good, (5) Very good, (6) Excellent, (7) Exceptional, Not applicable

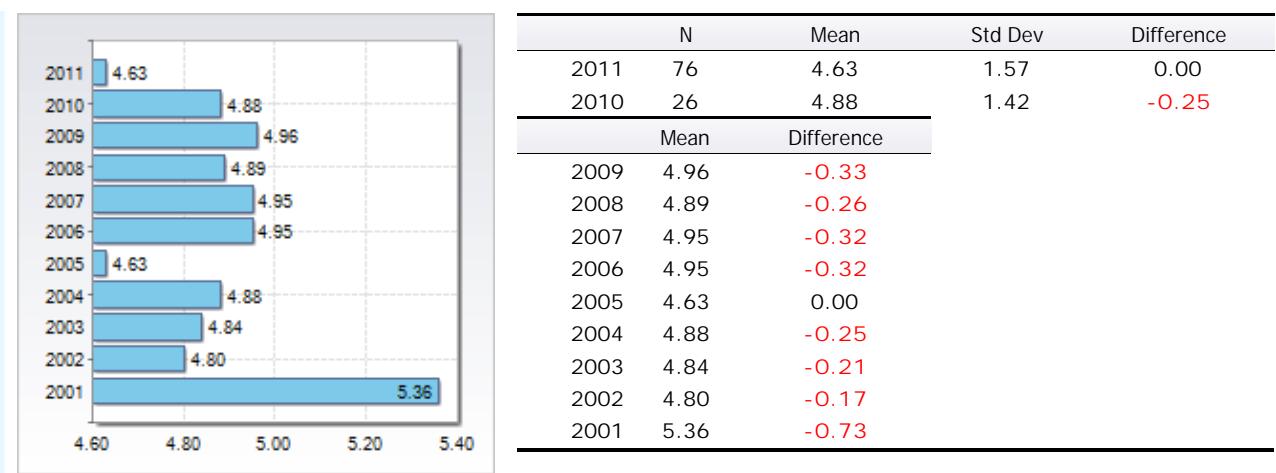


Factor 2. Aspects of Major Courses



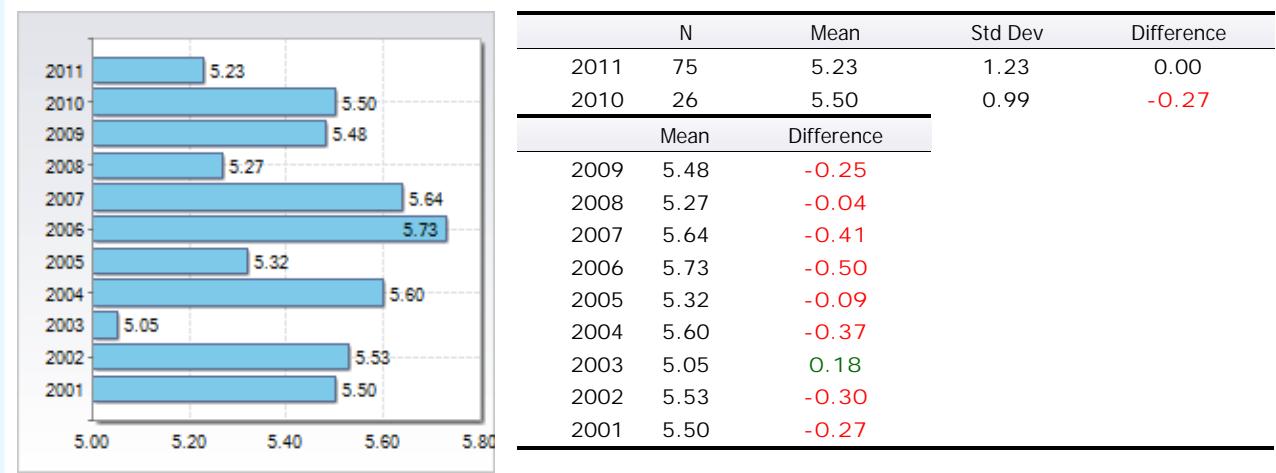
Q022. Satisfaction with: Grades in major courses accurately reflecting students' level of performance

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



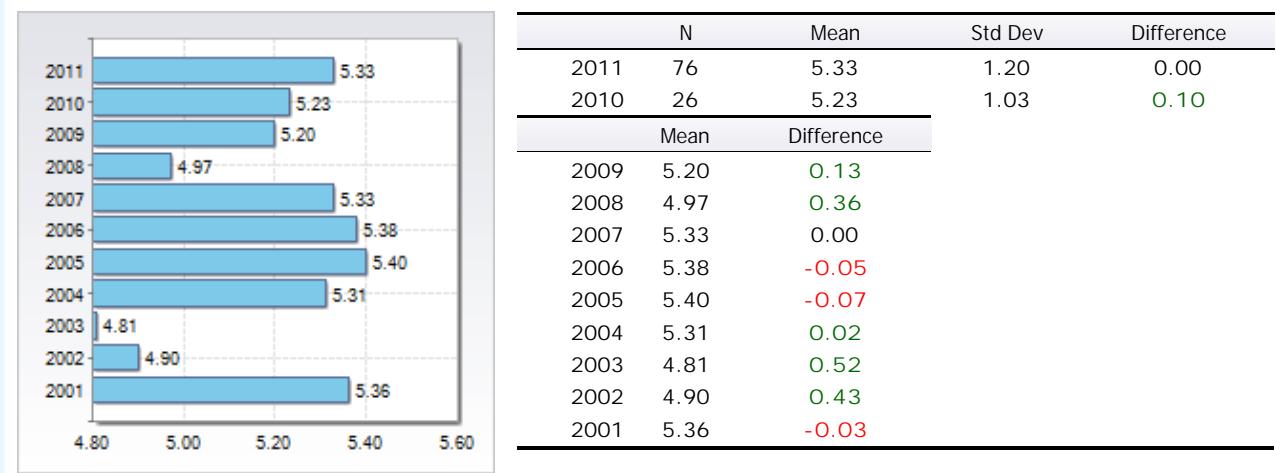
Q023. Satisfaction with: Accessibility of major course instructors outside of class

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



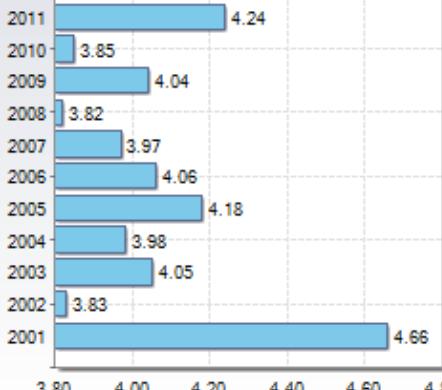
Q024. Satisfaction with: Responsiveness to major course instructors to student concerns

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



Q025. Satisfaction with: Amount of work required of in major courses

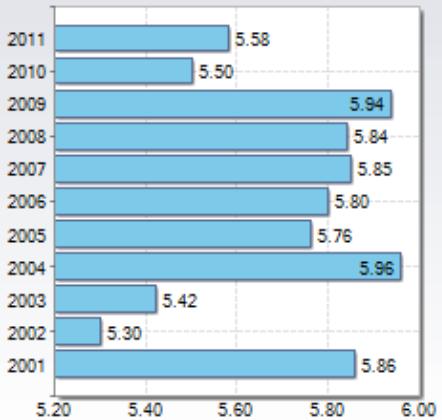
Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



	N	Mean	Std Dev	Difference
2011	75	4.24	1.52	0.00
2010	26	3.85	1.67	0.39
	Mean	Difference		
2009	4.04	0.20		
2008	3.82	0.42		
2007	3.97	0.27		
2006	4.06	0.18		
2005	4.18	0.06		
2004	3.98	0.26		
2003	4.05	0.19		
2002	3.83	0.41		
2001	4.66	-0.42		

Q032. Satisfaction with: Average size of major courses

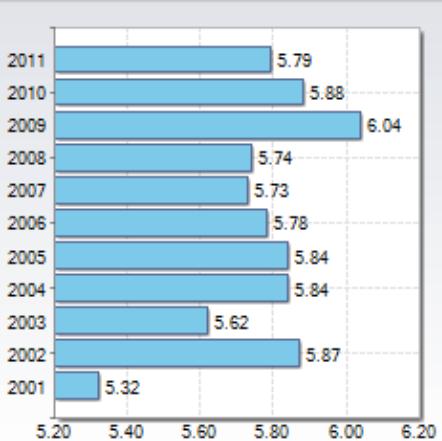
Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.58	1.16	0.00
2010	26	5.50	1.07	0.08
	Mean	Difference		
2009	5.94	-0.36		
2008	5.84	-0.26		
2007	5.85	-0.27		
2006	5.80	-0.22		
2005	5.76	-0.18		
2004	5.96	-0.38		
2003	5.42	0.16		
2002	5.30	0.28		
2001	5.86	-0.28		

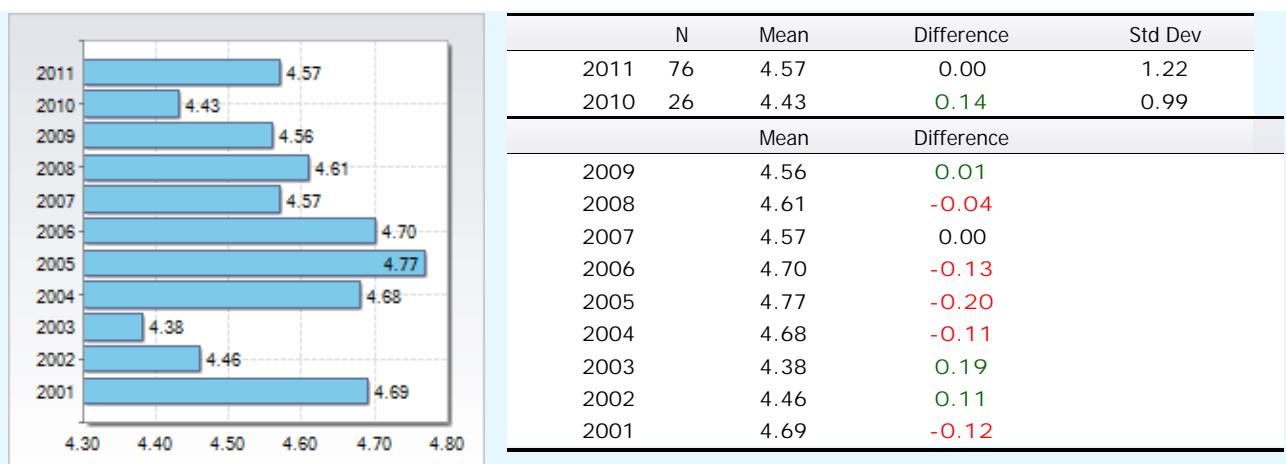
Q033. Satisfaction with: Availability of courses in major

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



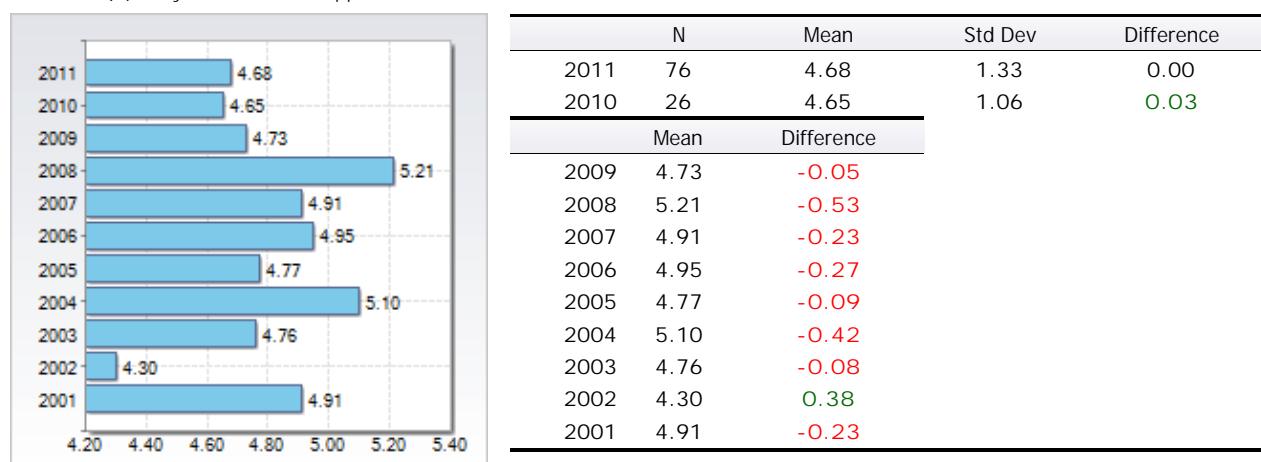
	N	Mean	Std Dev	Difference
2011	75	5.79	1.41	0.00
2010	26	5.88	1.03	-0.09
	Mean	Difference		
2009	6.04	-0.25		
2008	5.74	0.05		
2007	5.73	0.06		
2006	5.78	0.01		
2005	5.84	-0.05		
2004	5.84	-0.05		
2003	5.62	0.17		
2002	5.87	-0.08		
2001	5.32	0.47		

Factor 3. Breadth of Curriculum



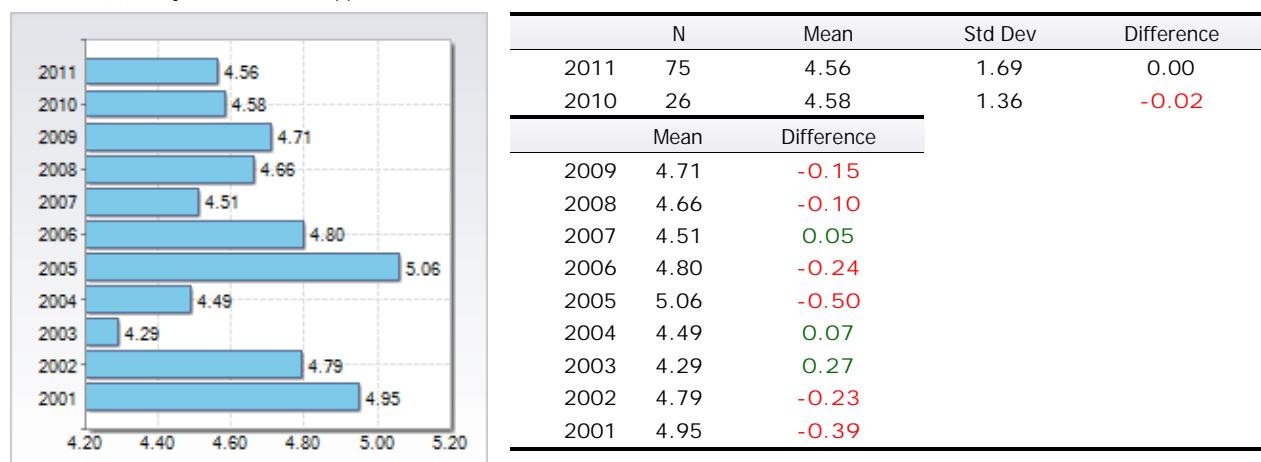
Q026. Satisfaction with: Engineering curriculum instructors presentation of technology issues

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



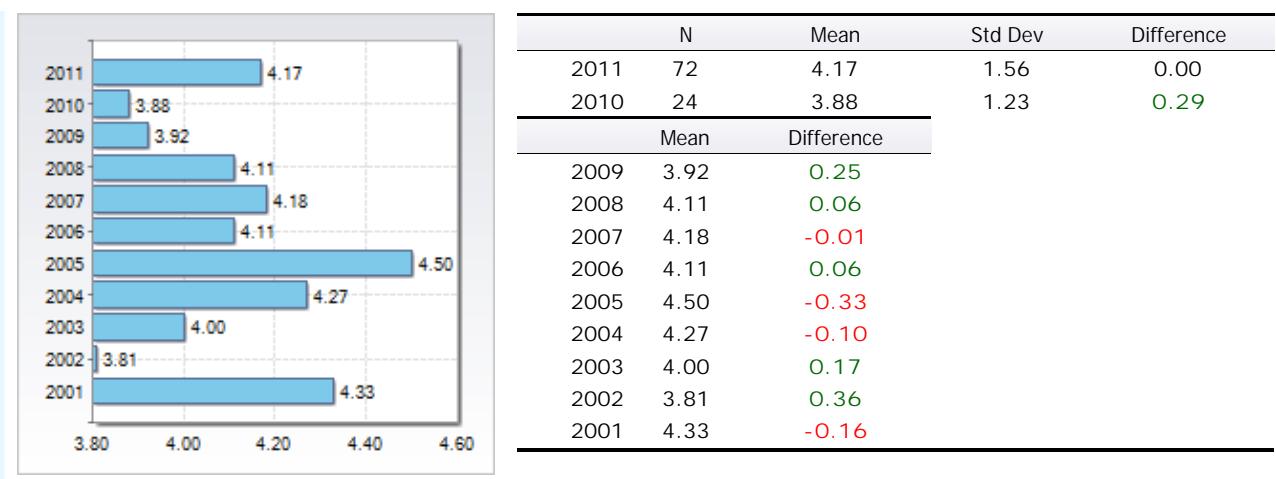
Q027. Satisfaction with: Opportunities for practical experiences within Undergraduate curriculum

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



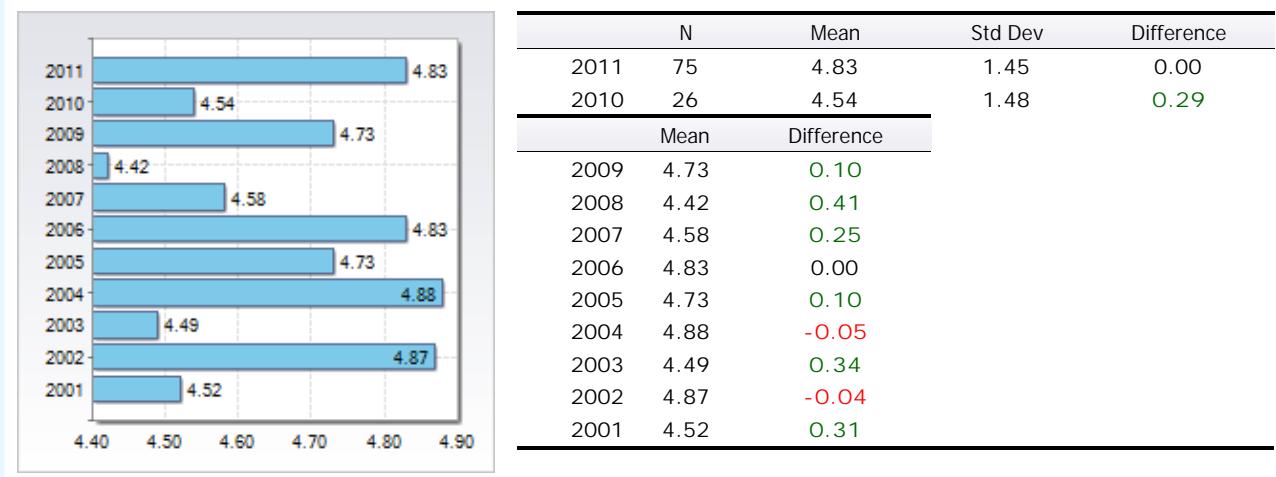
Q028. Satisfaction with: Opportunities for interaction with practitioners

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable

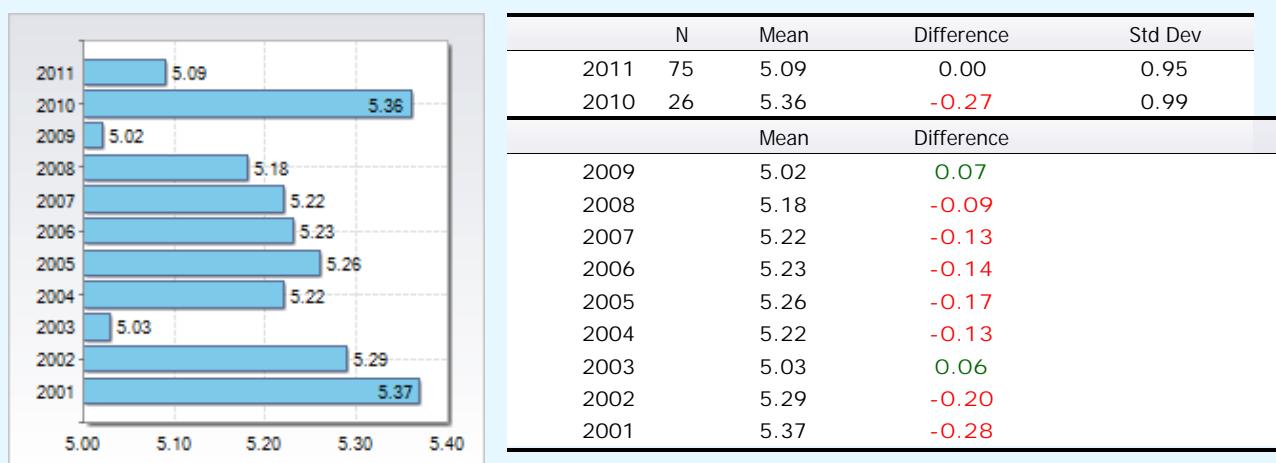


Q035. Satisfaction with: Amount of work in relationship to what was learned

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable

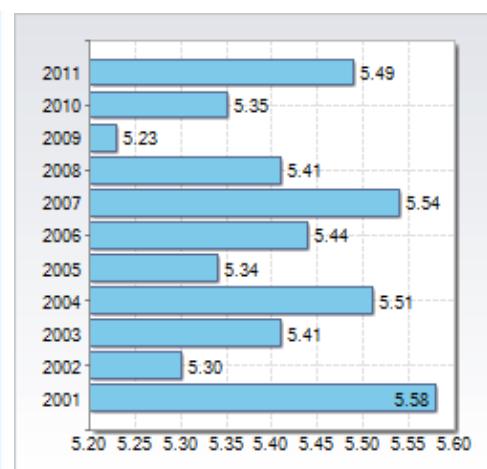


Factor 4. Team & Extracurricular Activities



Q029. Satisfaction with: Value derived from team experiences

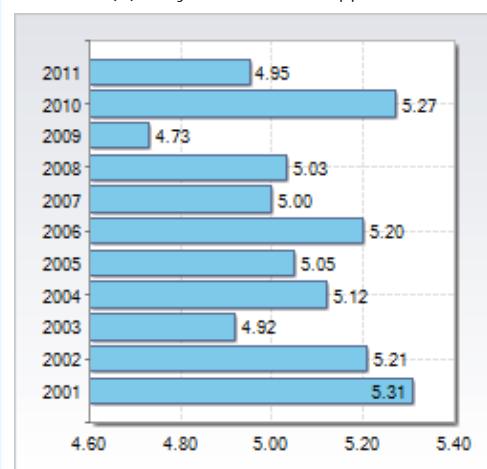
Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



	N	Mean	Std Dev	Difference
2011	75	5.49	1.19	0.00
2010	26	5.35	0.80	0.14
	Mean	Difference		
2009	5.23	0.26		
2008	5.41	0.08		
2007	5.54	-0.05		
2006	5.44	0.05		
2005	5.34	0.15		
2004	5.51	-0.02		
2003	5.41	0.08		
2002	5.30	0.19		
2001	5.58	-0.09		

Q030. Satisfaction with: Value of Engineering program student organization activities

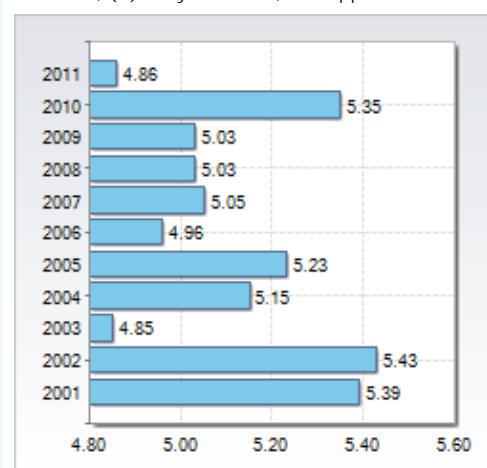
Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



	N	Mean	Std Dev	Difference
2011	66	4.95	1.28	0.00
2010	22	5.27	1.32	-0.32
	Mean	Difference		
2009	4.73	0.22		
2008	5.03	-0.08		
2007	5.00	-0.05		
2006	5.20	-0.25		
2005	5.05	-0.10		
2004	5.12	-0.17		
2003	4.92	0.03		
2002	5.21	-0.26		
2001	5.31	-0.36		

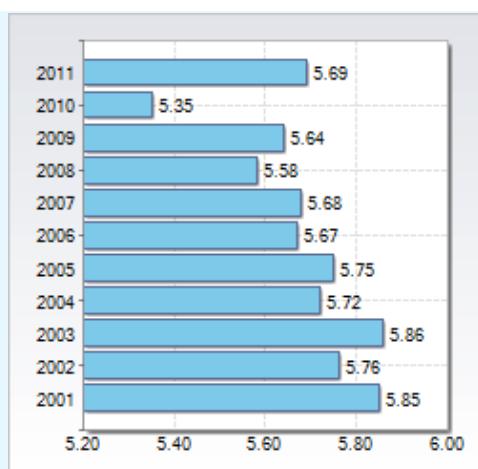
Q031. Satisfaction with: Leadership opportunities in Engineering program's extracurricular activities

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



	N	Mean	Std Dev	Difference
2011	65	4.86	1.27	0.00
2010	23	5.35	1.34	-0.49
	Mean	Difference		
2009	5.03	-0.17		
2008	5.03	-0.17		
2007	5.05	-0.19		
2006	4.96	-0.10		
2005	5.23	-0.37		
2004	5.15	-0.29		
2003	4.85	0.01		
2002	5.43	-0.57		
2001	5.39	-0.53		

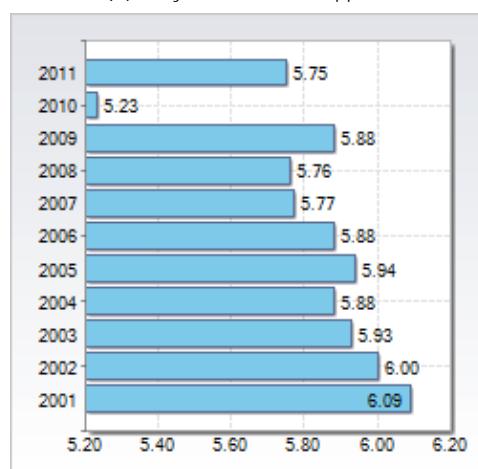
Factor 5. Fellow Students



	N	Mean	Difference	Std Dev
2011	76	5.69	0.00	0.91
2010	26	5.35	0.34	0.89
Mean				
2009		5.64	0.05	
2008		5.58	0.11	
2007		5.68	0.01	
2006		5.67	0.02	
2005		5.75	-0.06	
2004		5.72	-0.03	
2003		5.86	-0.17	
2002		5.76	-0.07	
2001		5.85	-0.16	

Q039. Classmates - Satisfaction with characteristics of your fellow students': Academic quality

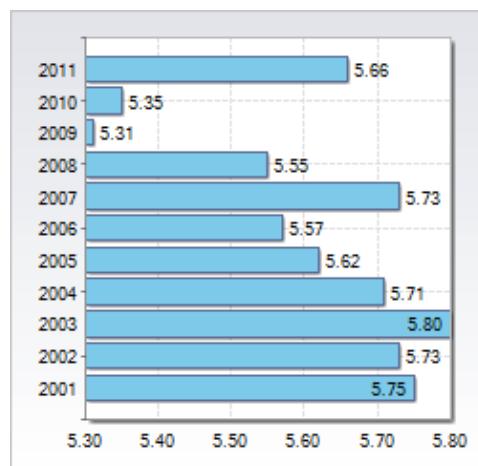
Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.75	1.07	0.00
2010	26	5.23	1.27	0.52
Mean				
2009		5.88	-0.13	
2008		5.76	-0.01	
2007		5.77	-0.02	
2006		5.88	-0.13	
2005		5.94	-0.19	
2004		5.88	-0.13	
2003		5.93	-0.18	
2002		6.00	-0.25	
2001		6.09	-0.34	

Q040. Classmates - Satisfaction with characteristics of your fellow students': Ability to work in teams

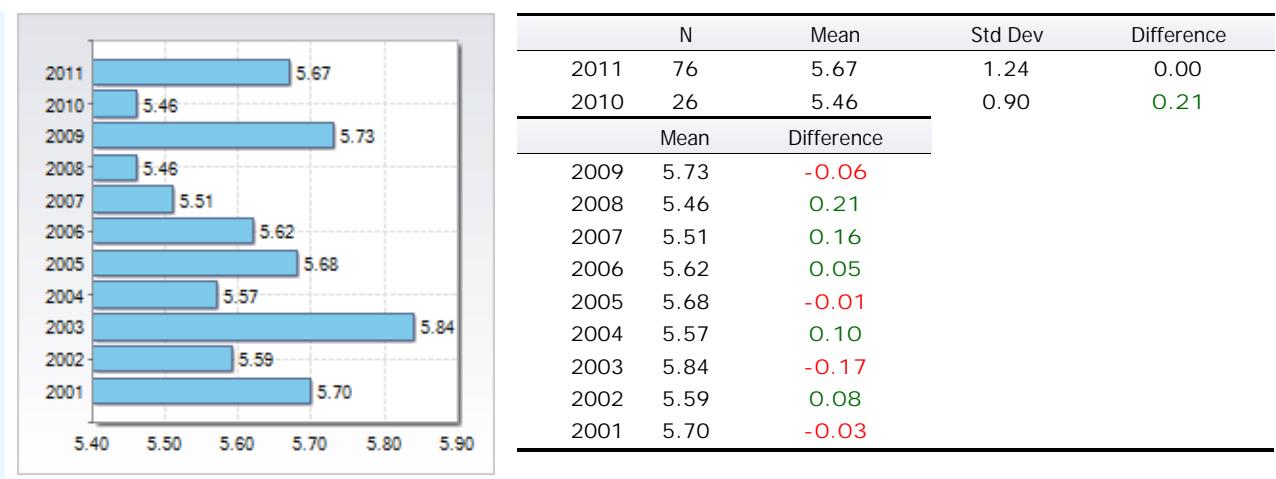
Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



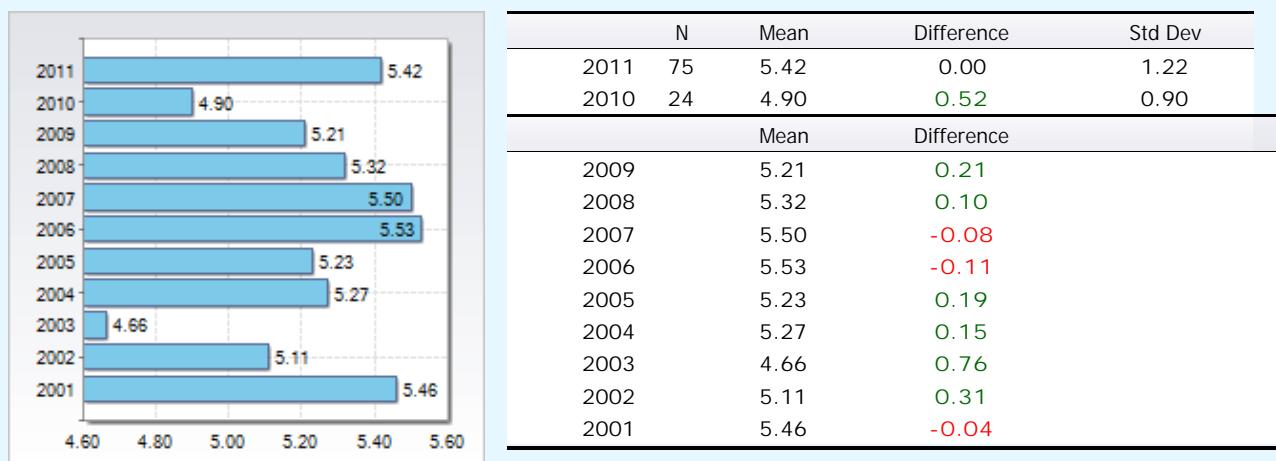
	N	Mean	Std Dev	Difference
2011	76	5.66	1.09	0.00
2010	26	5.35	0.89	0.31
Mean				
2009		5.31	0.35	
2008		5.55	0.11	
2007		5.73	-0.07	
2006		5.57	0.09	
2005		5.62	0.04	
2004		5.71	-0.05	
2003		5.80	-0.14	
2002		5.73	-0.07	
2001		5.75	-0.09	

Q041. Classmates - Satisfaction with characteristics of your fellow students': Level of camaraderie

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable

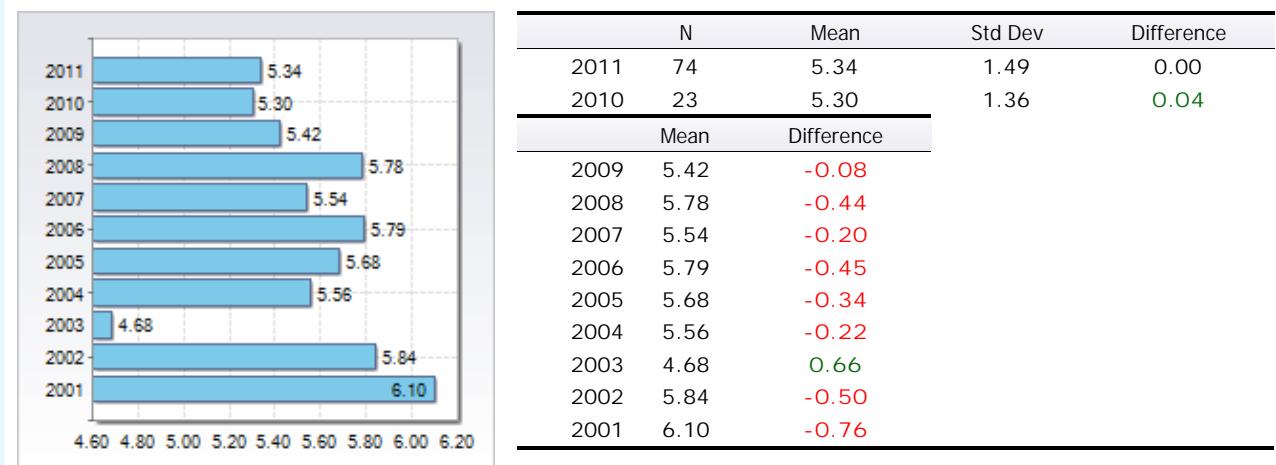


Factor 6. Career Services and Job Placement



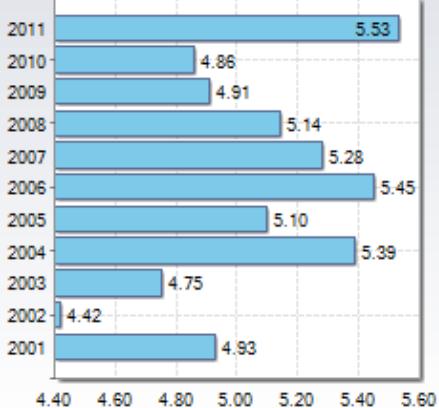
Q042. Career Services - Career Services - Satisfaction with: Assistance in preparation for permanent job search

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



Q043. Career Services - Career Services - Satisfaction with: Geographic distribution of companies recruiting on campus

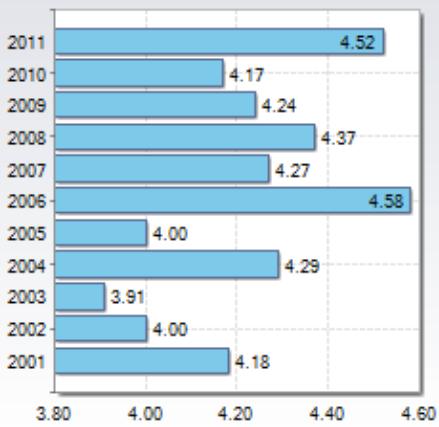
Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



	N	Mean	Std Dev	Difference
2011	75	5.53	1.45	0.00
	Mean	Difference		
2010	22	4.86	1.08	0.67
	Mean	Difference		
2009	4.91	0.62		
2008	5.14	0.39		
2007	5.28	0.25		
2006	5.45	0.08		
2005	5.10	0.43		
2004	5.39	0.14		
2003	4.75	0.78		
2002	4.42	1.11		
2001	4.93	0.60		

Q044. Career Services - Career Services - Satisfaction with: Access to school's alumni to cultivate career opportunities

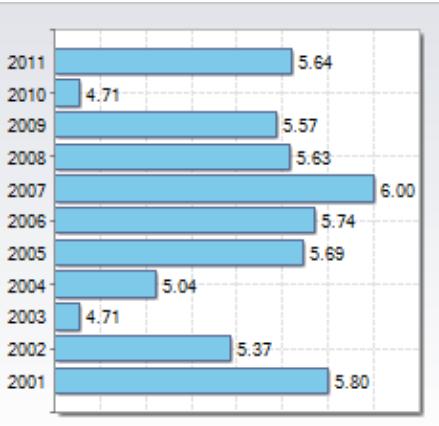
Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



	N	Mean	Std Dev	Difference
2011	66	4.52	1.57	0.00
	Mean	Difference		
2010	18	4.17	0.92	0.35
	Mean	Difference		
2009	4.24	0.28		
2008	4.37	0.15		
2007	4.27	0.25		
2006	4.58	-0.06		
2005	4.00	0.52		
2004	4.29	0.23		
2003	3.91	0.61		
2002	4.00	0.52		
2001	4.18	0.34		

Q045. Career Services - Career Services - Satisfaction with: Number of companies recruiting on campus

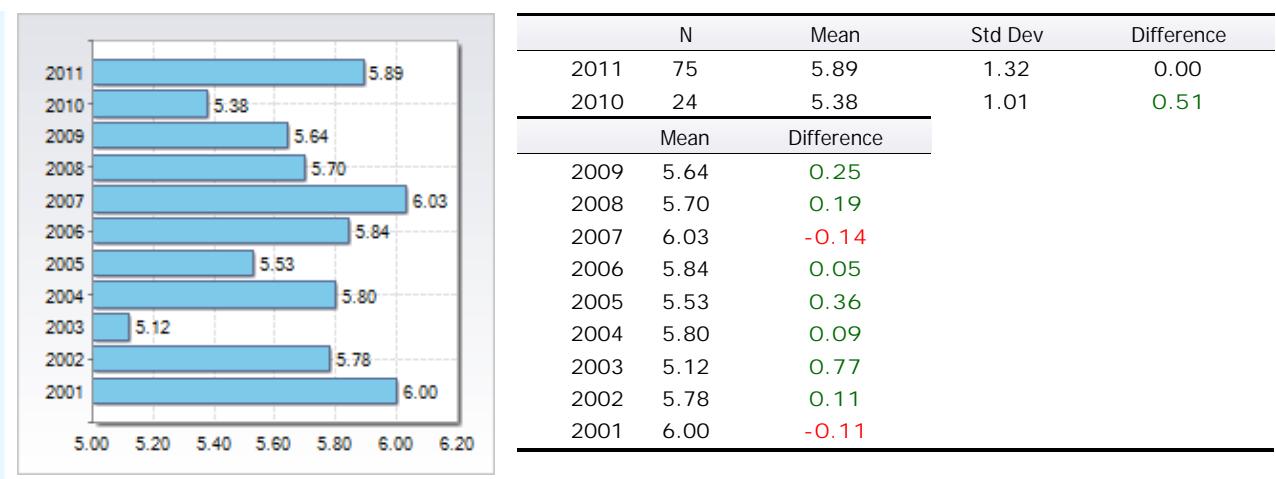
Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable



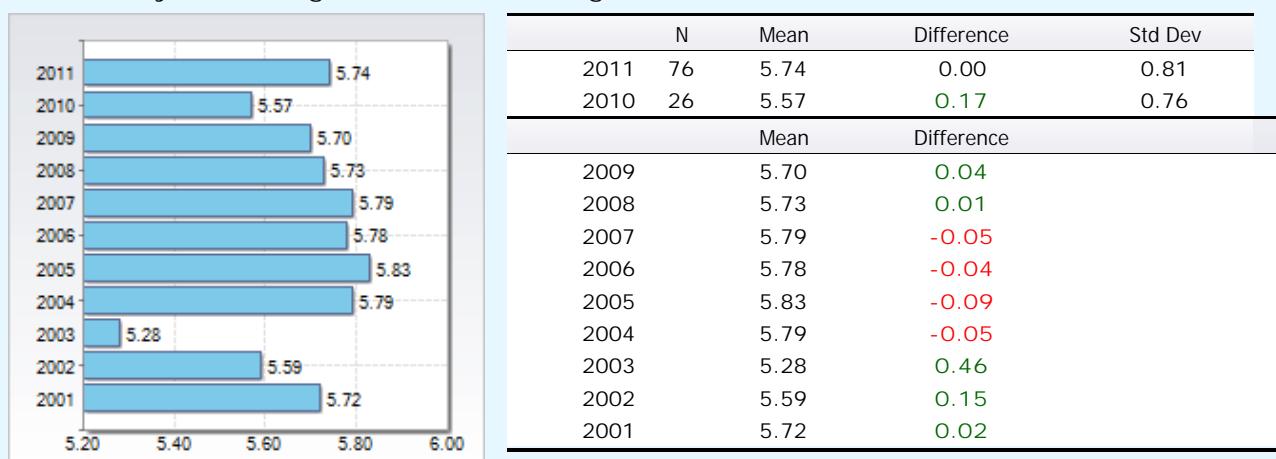
	N	Mean	Std Dev	Difference
2011	75	5.64	1.63	0.00
	Mean	Difference		
2010	24	4.71	1.33	0.93
	Mean	Difference		
2009	5.57	0.07		
2008	5.63	0.01		
2007	6.00	-0.36		
2006	5.74	-0.10		
2005	5.69	-0.05		
2004	5.04	0.60		
2003	4.71	0.93		
2002	5.37	0.27		
2001	5.80	-0.16		

Q046. Career Services - Career Services - Satisfaction with: Quality of companies recruiting on campus

Scale: (1) Very dissatisfied, (2) Moderately dissatisfied, (3) Slightly dissatisfied, (4) Neutral, (5) Slightly satisfied, (6) Moderately satisfied, (7) Very satisfied, Not applicable

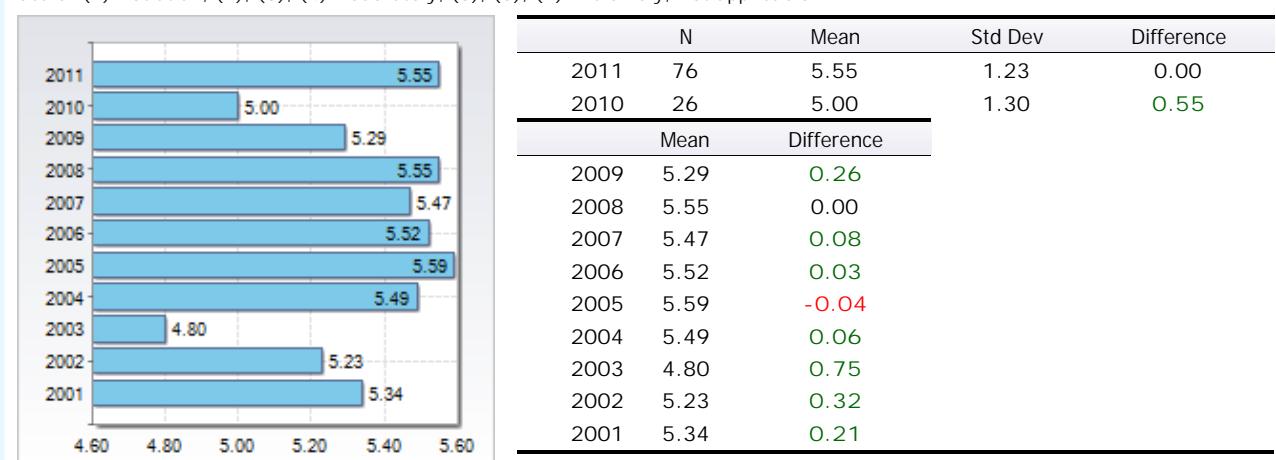


Factor 7. System Design & Problem Solving



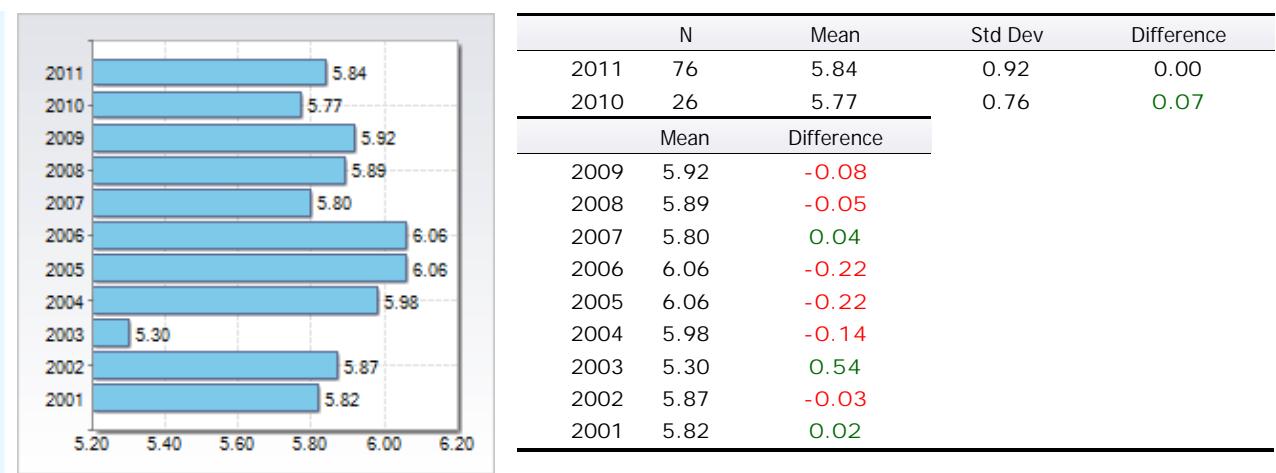
Q050. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Design experiments

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



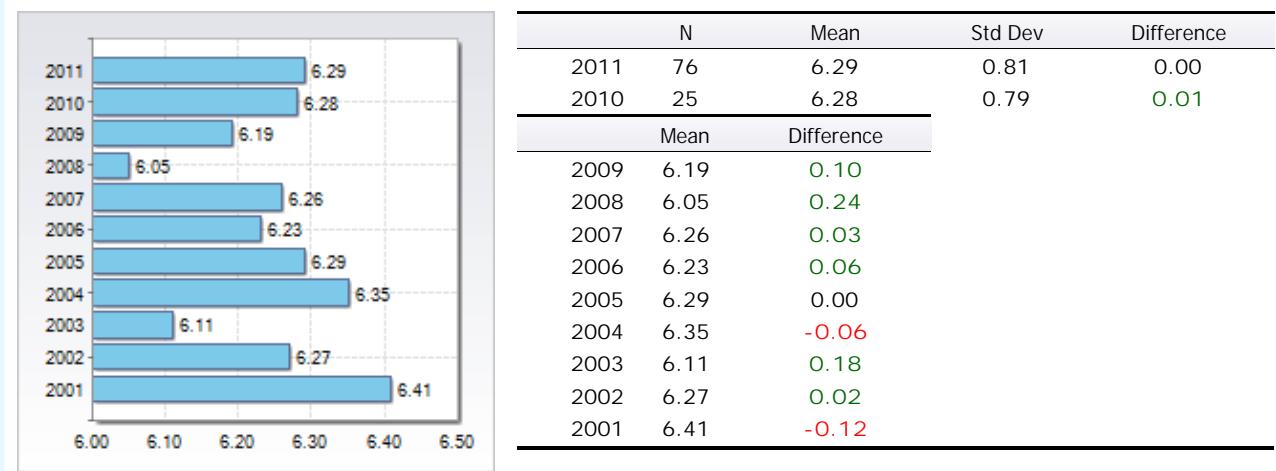
Q051. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Conduct experiments

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



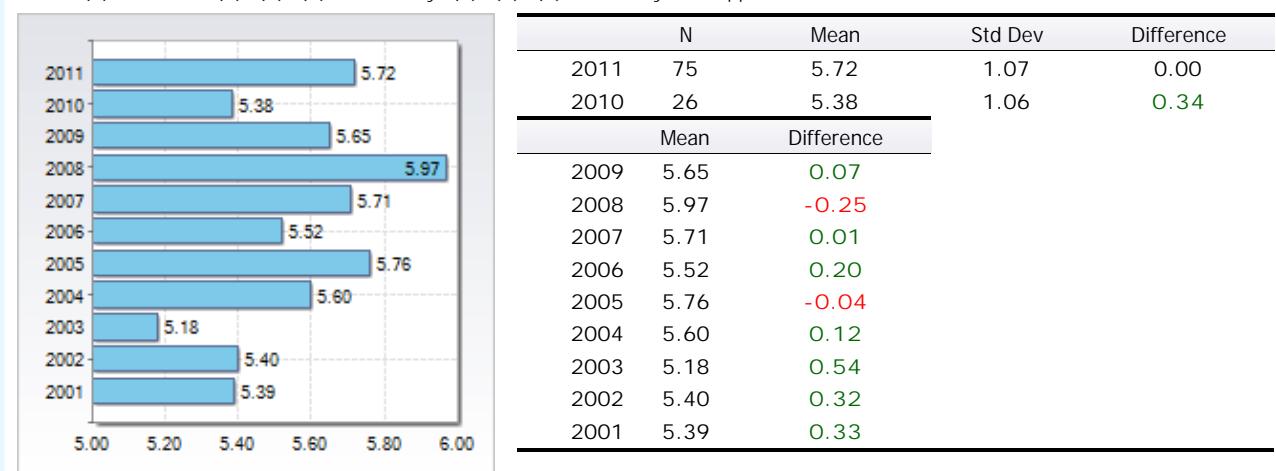
Q052. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Analyze and interpret data

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



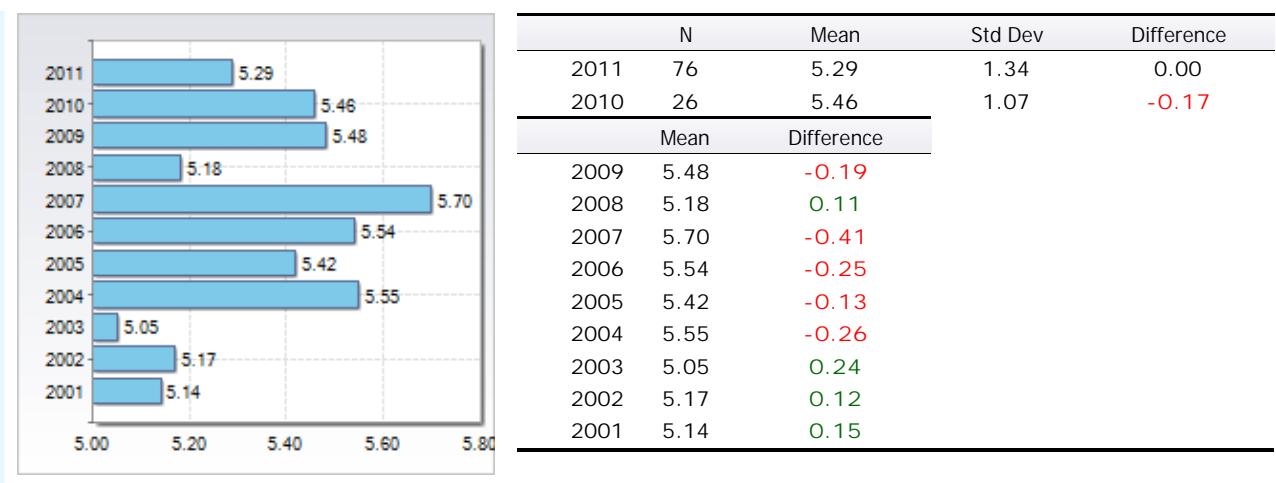
Q053. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Design a system, component, or process to meet desired needs

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable

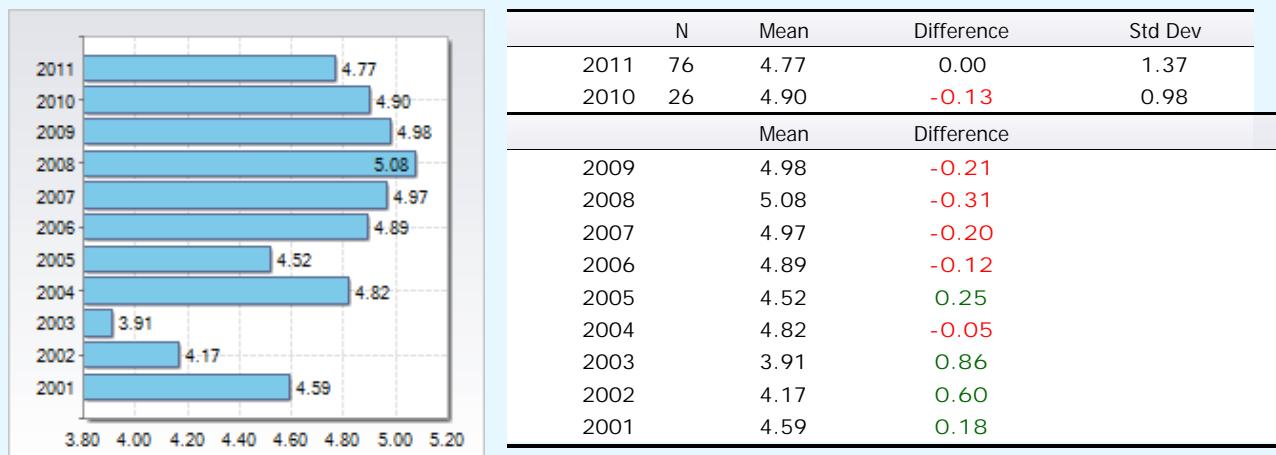


Q054. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Function on multidisciplinary teams

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable

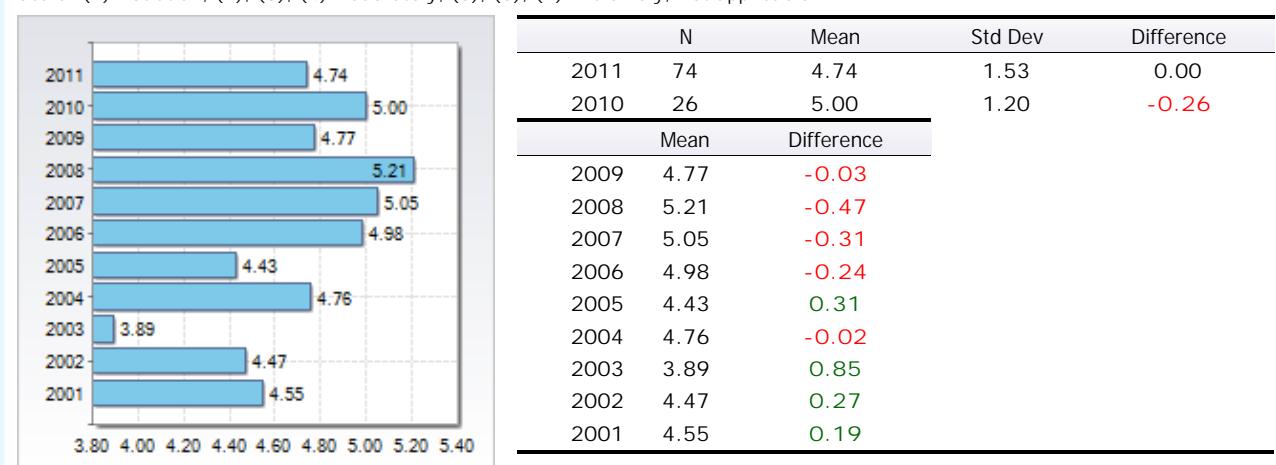


Factor 8. Impact of Engineering Solutions



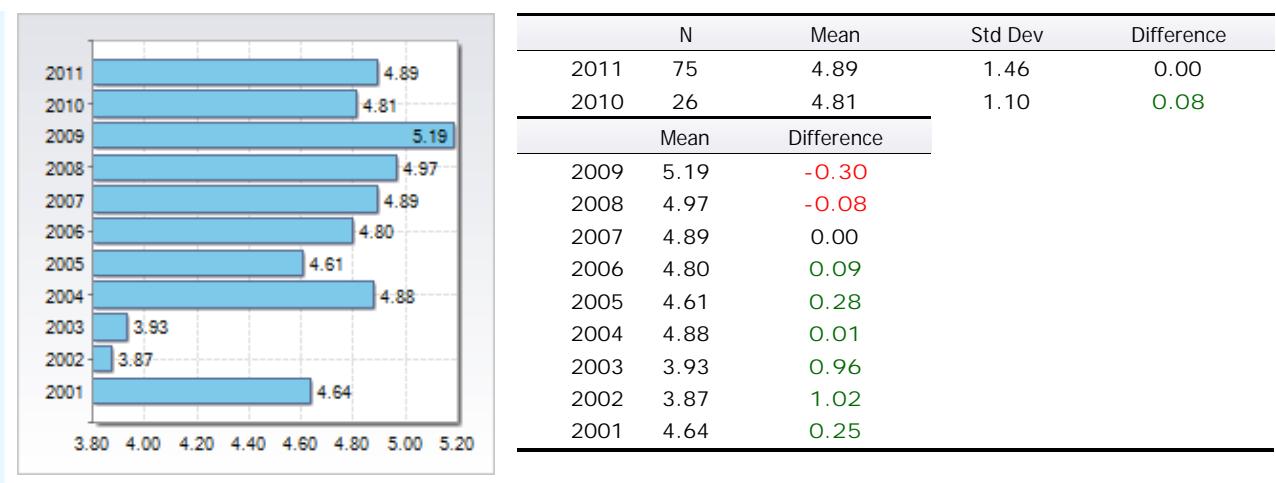
Q058. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Understand ethical responsibilities

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable

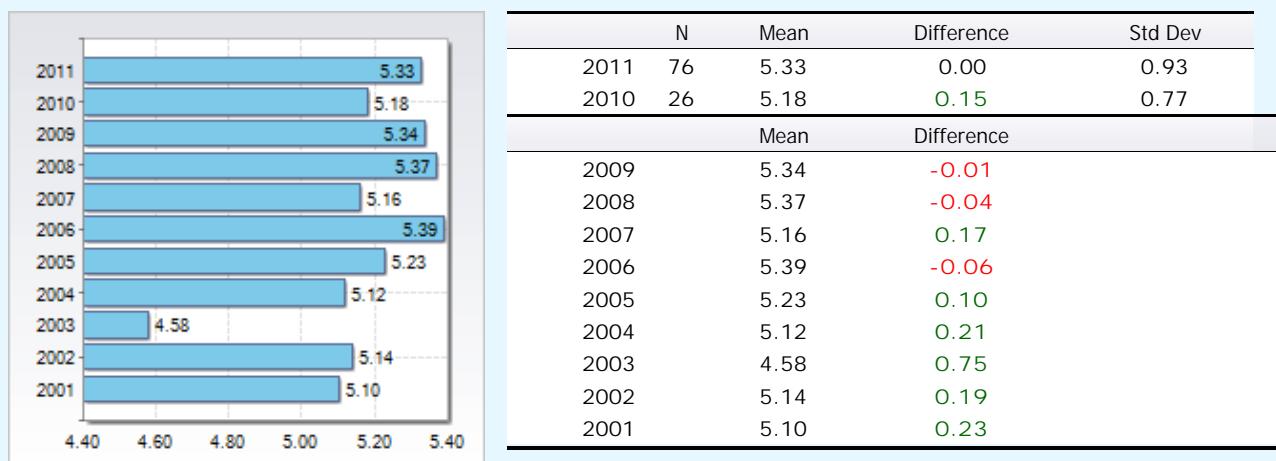


Q071. To what degree did your engineering education enhance your ability to understand the impact of engineering solutions in: A global/societal context

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable

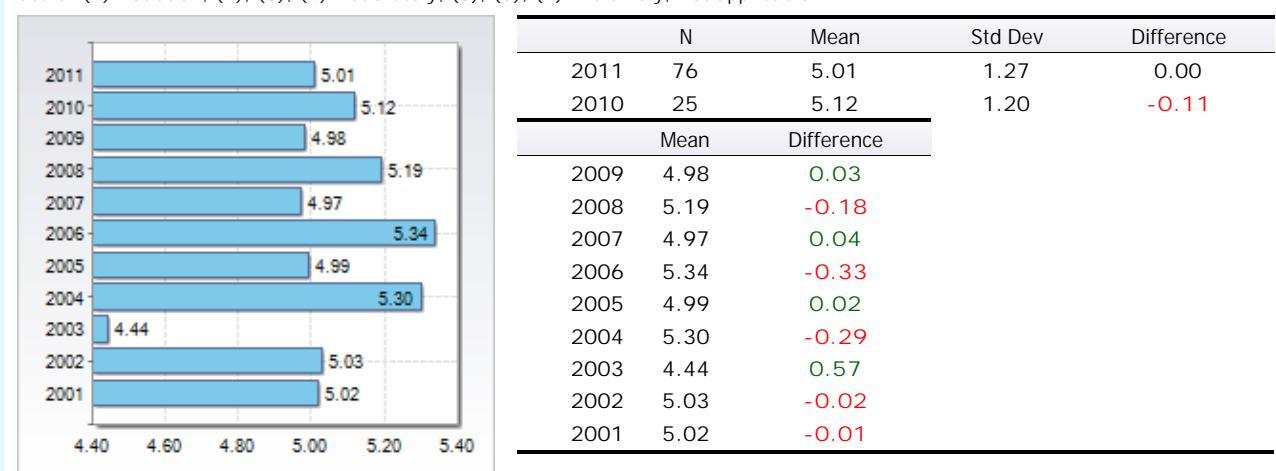


Factor 9. Use of Tools and Text



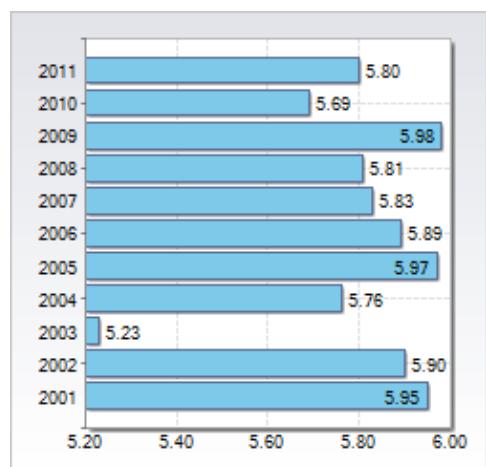
Q060. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Communicate using oral progress reports

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



Q061. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Communicate using written progress reports

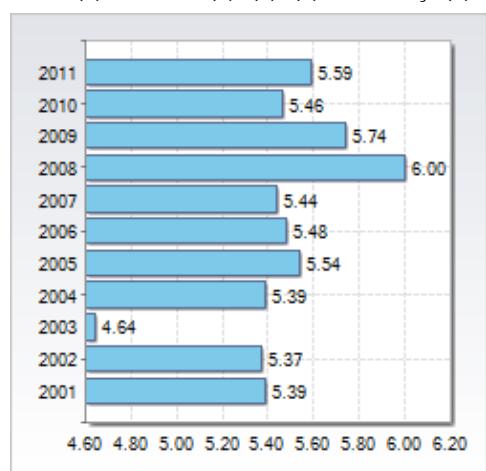
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.80	1.03	0.00
	Mean		Difference	
2010	26	5.69	0.88	0.11
2009		5.98		-0.18
2008		5.81		-0.01
2007		5.83		-0.03
2006		5.89		-0.09
2005		5.97		-0.17
2004		5.76		0.04
2003		5.23		0.57
2002		5.90		-0.10
2001		5.95		-0.15

Q064. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Use modern engineering tools specific to your primary academic major

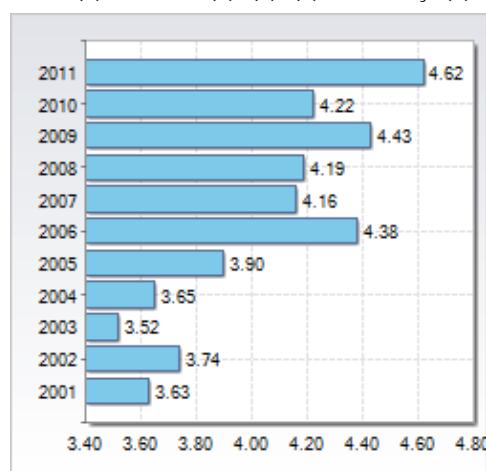
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.59	1.21	0.00
	Mean		Difference	
2010	26	5.46	1.10	0.13
2009		5.74		-0.15
2008		6.00		-0.41
2007		5.44		0.15
2006		5.48		0.11
2005		5.54		0.05
2004		5.39		0.20
2003		4.64		0.95
2002		5.37		0.22
2001		5.39		0.20

Q069. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Pilot test a component prior to implementation

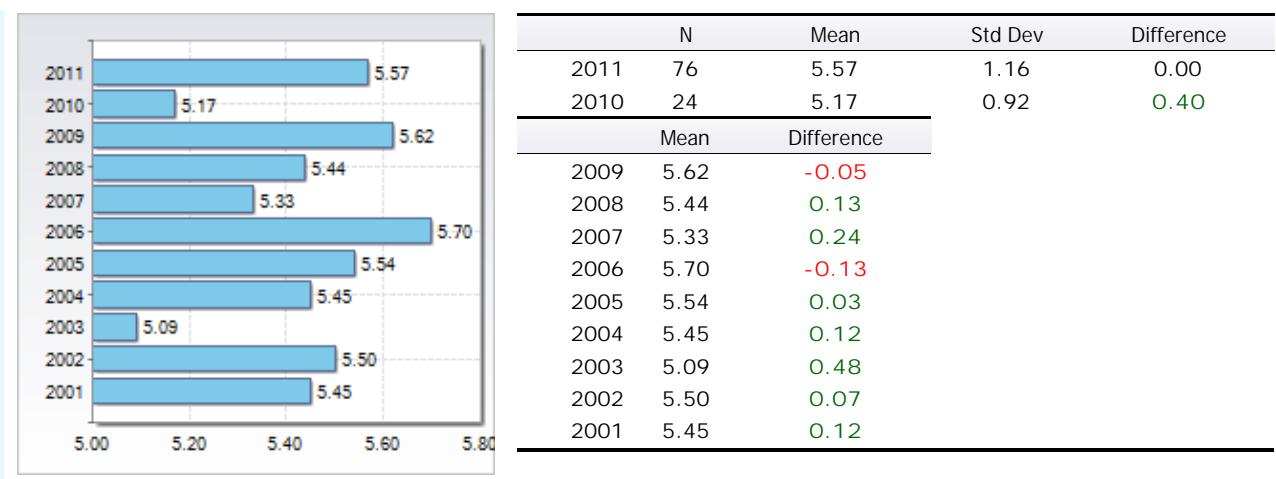
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



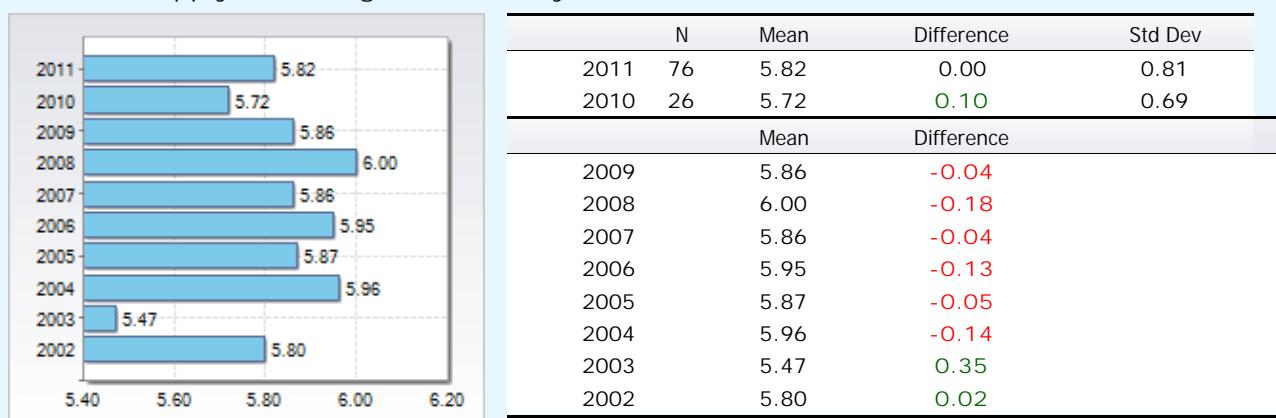
	N	Mean	Std Dev	Difference
2011	73	4.62	1.50	0.00
	Mean		Difference	
2010	23	4.22	1.48	0.40
2009		4.43		0.19
2008		4.19		0.43
2007		4.16		0.46
2006		4.38		0.24
2005		3.90		0.72
2004		3.65		0.97
2003		3.52		1.10
2002		3.74		0.88
2001		3.63		0.99

Q070. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Use text materials to support project design

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable

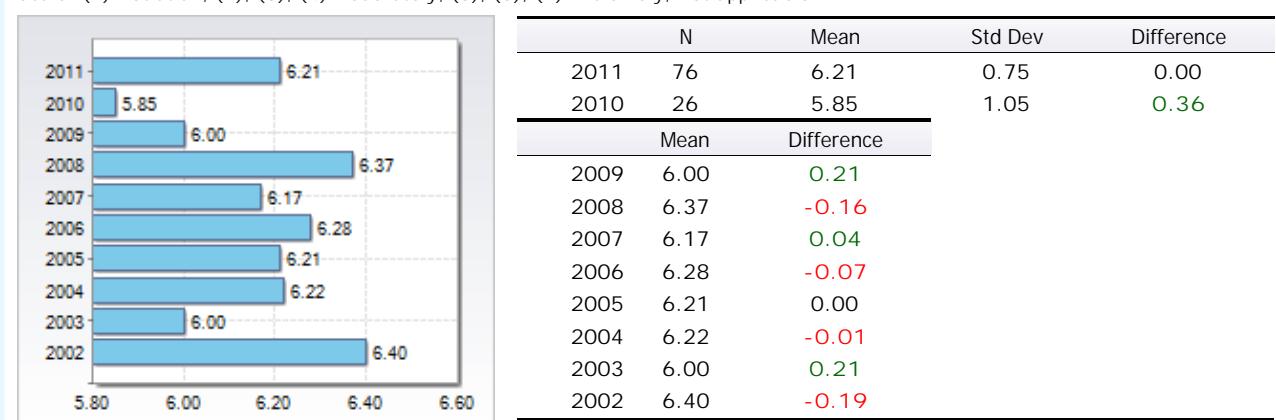


Factor 10. Apply Knowledge and Identify Problems



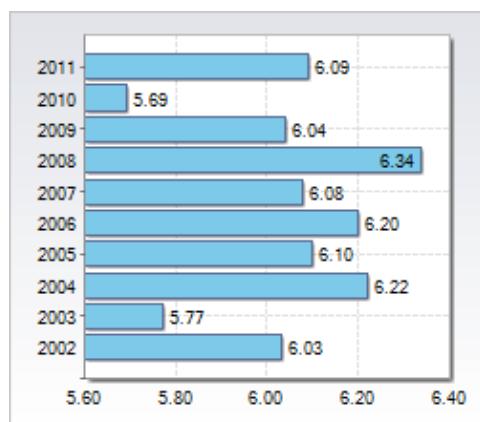
Q047. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Apply knowledge of mathematics

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



Q048. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Apply knowledge of science

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	6.09	1.02	0.00
2010	26	5.69	0.93	0.40
	Mean	Difference		
2009	6.04	0.05		
2008	6.34	-0.25		
2007	6.08	0.01		
2006	6.20	-0.11		
2005	6.10	-0.01		
2004	6.22	-0.13		
2003	5.77	0.32		
2002	6.03	0.06		

Q049. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Apply knowledge of engineering

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	6.30	0.80	0.00
2010	26	6.12	0.91	0.18
	Mean	Difference		
2009	6.21	0.09		
2008	6.18	0.12		
2007	6.15	0.15		
2006	6.03	0.27		
2005	6.03	0.27		
2004	6.14	0.16		
2003	5.48	0.82		
2002	5.97	0.33		

Q055. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Identify engineering problems

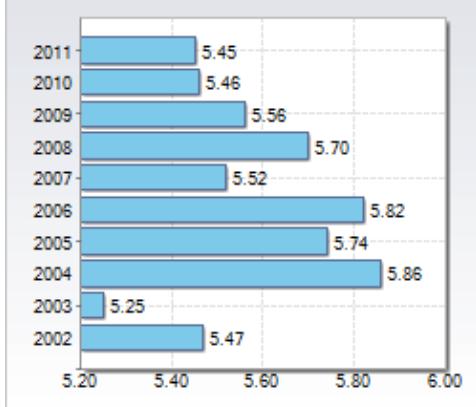
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.70	1.06	0.00
2010	26	5.73	0.83	-0.03
	Mean	Difference		
2009	5.69	0.01		
2008	5.84	-0.14		
2007	5.73	-0.03		
2006	6.05	-0.35		
2005	6.04	-0.34		
2004	6.00	-0.30		
2003	5.55	0.15		
2002	5.77	-0.07		

Q056. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Formulate engineering problems

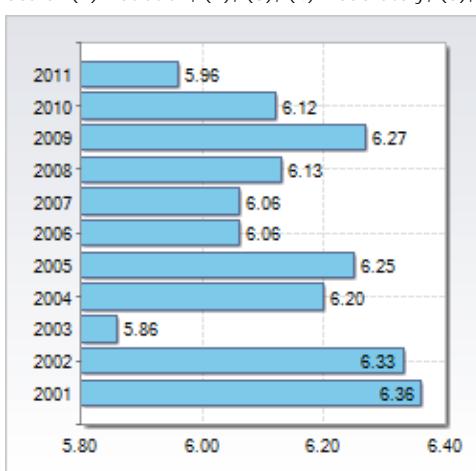
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.45	1.14	0.00
2010	26	5.46	0.86	-0.01
	Mean	Difference		
2009	5.56	-0.11		
2008	5.70	-0.25		
2007	5.52	-0.07		
2006	5.82	-0.37		
2005	5.74	-0.29		
2004	5.86	-0.41		
2003	5.25	0.20		
2002	5.47	-0.02		

Q057. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Solve engineering problems

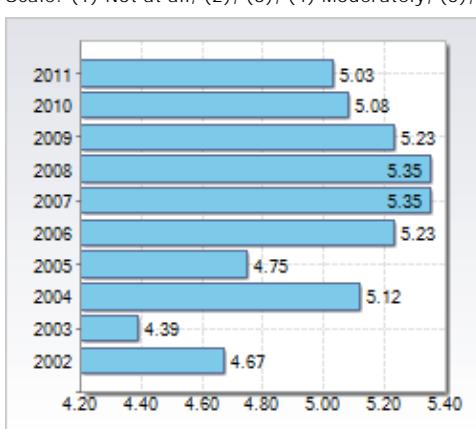
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.96	0.93	0.00
2010	26	6.12	0.82	-0.16
	Mean	Difference		
2009	6.27	-0.31		
2008	6.13	-0.17		
2007	6.06	-0.10		
2006	6.06	-0.10		
2005	6.25	-0.29		
2004	6.20	-0.24		
2003	5.86	0.10		
2002	6.33	-0.37		
2001	6.36	-0.40		

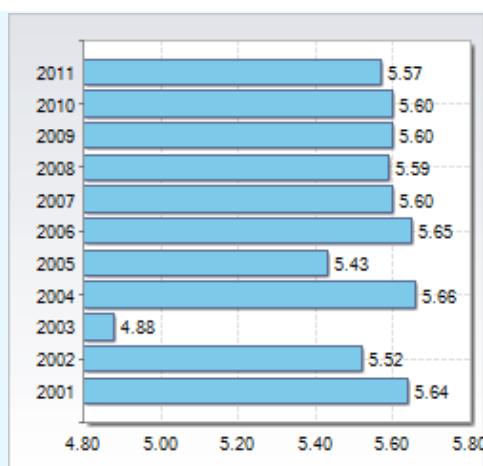
Q063. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Understand contemporary issues

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.03	1.52	0.00
2010	26	5.08	1.02	-0.05
	Mean	Difference		
2009	5.23	-0.20		
2008	5.35	-0.32		
2007	5.35	-0.32		
2006	5.23	-0.20		
2005	4.75	0.28		
2004	5.12	-0.09		
2003	4.39	0.64		
2002	4.67	0.36		

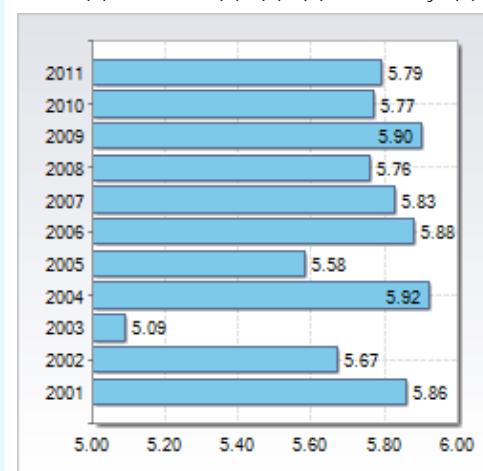
Factor 11. Design Experience Built On Coursework



	N	Mean	Difference	Std Dev
2011	76	5.57	0.00	0.99
2010	26	5.60	-0.03	0.72
Mean				
2009		5.60	-0.03	
2008		5.59	-0.02	
2007		5.60	-0.03	
2006		5.65	-0.08	
2005		5.43	0.14	
2004		5.66	-0.09	
2003		4.88	0.69	
2002		5.52	0.05	
2001		5.64	-0.07	

Q066. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Built on knowledge from previous course work

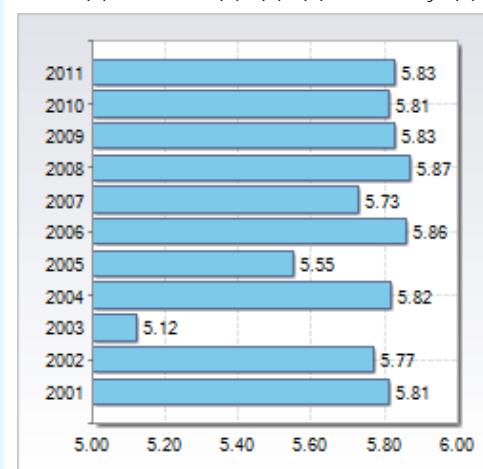
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.79	1.04	0.00
2010	26	5.77	0.95	0.02
Mean				
2009		5.90	-0.11	
2008		5.76	0.03	
2007		5.83	-0.04	
2006		5.88	-0.09	
2005		5.58	0.21	
2004		5.92	-0.13	
2003		5.09	0.70	
2002		5.67	0.12	
2001		5.86	-0.07	

Q067. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Built on skills from previous course work

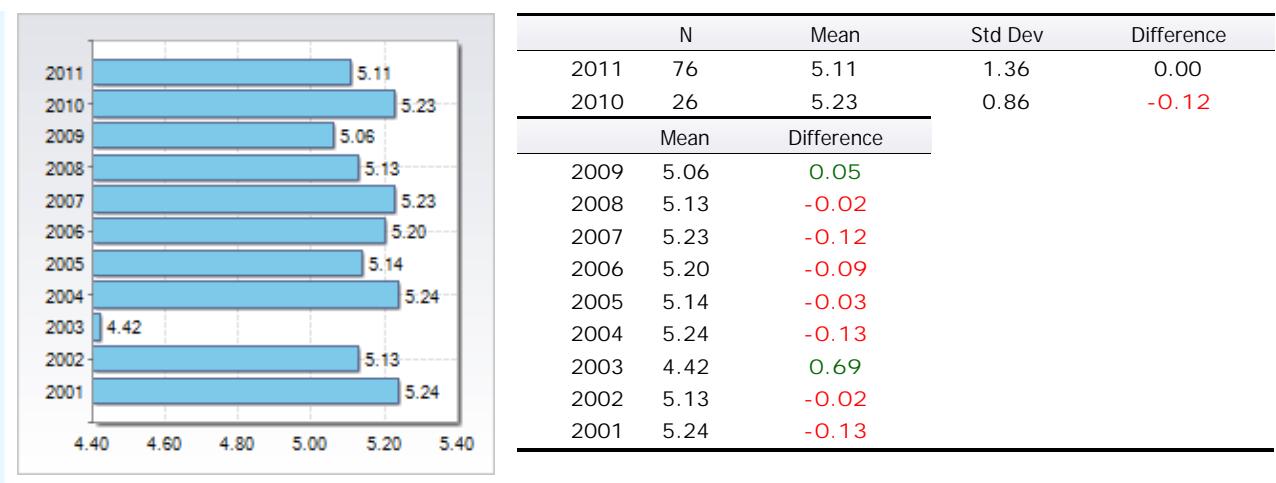
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



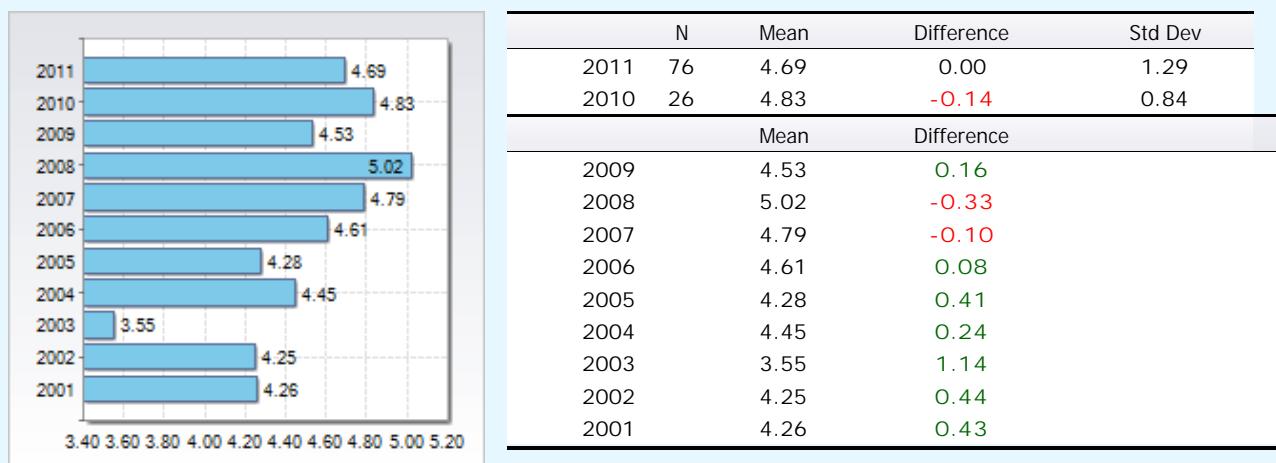
	N	Mean	Std Dev	Difference
2011	76	5.83	0.99	0.00
2010	26	5.81	0.90	0.02
Mean				
2009		5.83	0.00	
2008		5.87	-0.04	
2007		5.73	0.10	
2006		5.86	-0.03	
2005		5.55	0.28	
2004		5.82	0.01	
2003		5.12	0.71	
2002		5.77	0.06	
2001		5.81	0.02	

Q068. Program Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Incorporated engineering standards

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable

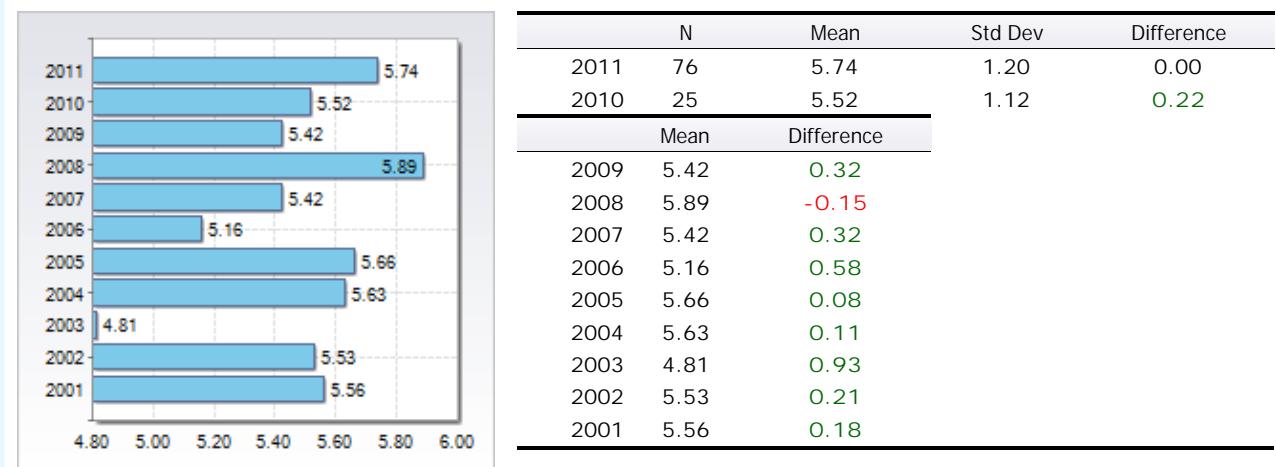


Factor 12. Design Experience Issues



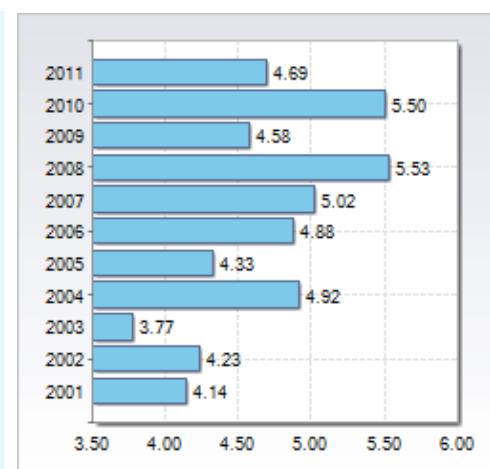
Q074. System Design - To what degree did your system design experience address the following: Addressed Economic issues

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



Q075. System Design - To what degree did your system design experience address the following: Addressed Environmental issues

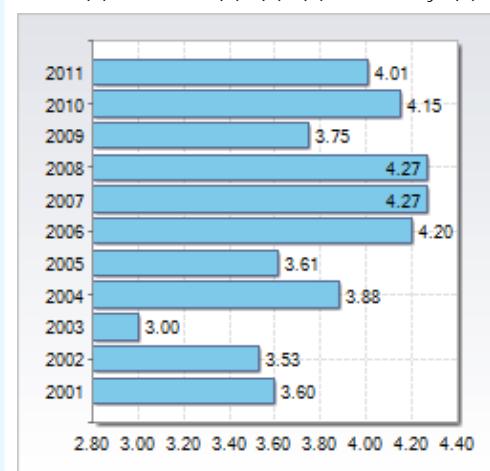
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	75	4.69	1.44	0.00
2010	26	5.50	1.03	-0.81
	Mean	Difference		
2009	4.58	0.11		
2008	5.53	-0.84		
2007	5.02	-0.33		
2006	4.88	-0.19		
2005	4.33	0.36		
2004	4.92	-0.23		
2003	3.77	0.92		
2002	4.23	0.46		
2001	4.14	0.55		

Q076. System Design - To what degree did your system design experience address the following: Addressed Social issues

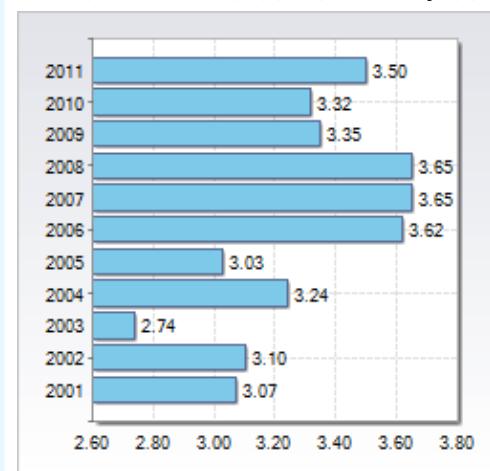
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	74	4.01	1.57	0.00
2010	26	4.15	1.08	-0.14
	Mean	Difference		
2009	3.75	0.26		
2008	4.27	-0.26		
2007	4.27	-0.26		
2006	4.20	-0.19		
2005	3.61	0.40		
2004	3.88	0.13		
2003	3.00	1.01		
2002	3.53	0.48		
2001	3.60	0.41		

Q077. System Design - To what degree did your system design experience address the following: Addressed Political issues

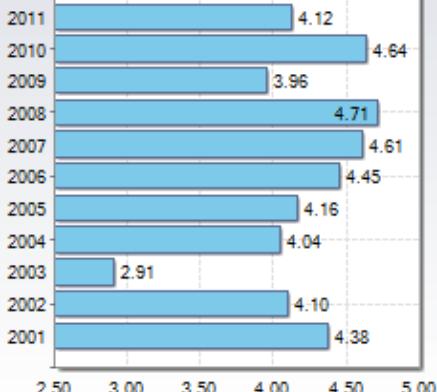
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	74	3.50	1.66	0.00
2010	25	3.32	1.28	0.18
	Mean	Difference		
2009	3.35	0.15		
2008	3.65	-0.15		
2007	3.65	-0.15		
2006	3.62	-0.12		
2005	3.03	0.47		
2004	3.24	0.26		
2003	2.74	0.76		
2002	3.10	0.40		
2001	3.07	0.43		

Q078. System Design - To what degree did your system design experience address the following: Addressed Ethical issues

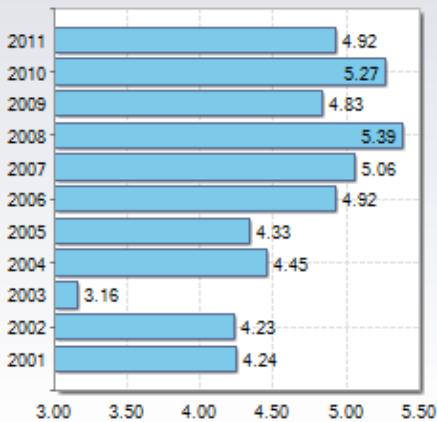
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	74	4.12	1.77	0.00
2010	25	4.64	1.15	-0.52
	Mean	Difference		
2009	3.96	0.16		
2008	4.71	-0.59		
2007	4.61	-0.49		
2006	4.45	-0.33		
2005	4.16	-0.04		
2004	4.04	0.08		
2003	2.91	1.21		
2002	4.10	0.02		
2001	4.38	-0.26		

Q079. System Design - To what degree did your system design experience address the following: Addressed Health and Safety issues

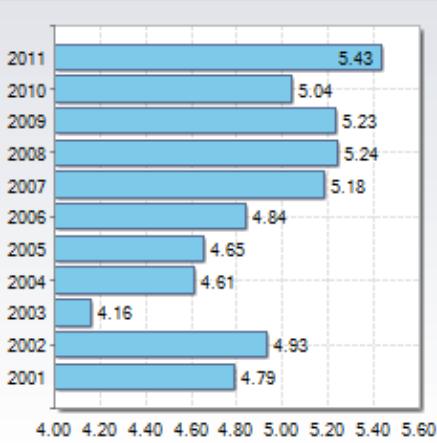
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	75	4.92	1.72	0.00
2010	26	5.27	0.92	-0.35
	Mean	Difference		
2009	4.83	0.09		
2008	5.39	-0.47		
2007	5.06	-0.14		
2006	4.92	0.00		
2005	4.33	0.59		
2004	4.45	0.47		
2003	3.16	1.76		
2002	4.23	0.69		
2001	4.24	0.68		

Q080. System Design - To what degree did your system design experience address the following: Addressed Manufacturability issues

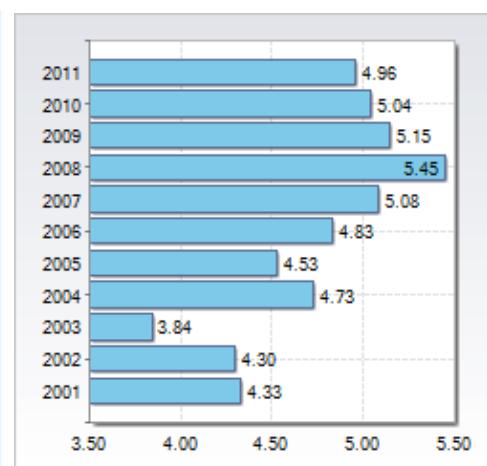
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	76	5.43	1.42	0.00
2010	25	5.04	1.43	0.39
	Mean	Difference		
2009	5.23	0.20		
2008	5.24	0.19		
2007	5.18	0.25		
2006	4.84	0.59		
2005	4.65	0.78		
2004	4.61	0.82		
2003	4.16	1.27		
2002	4.93	0.50		
2001	4.79	0.64		

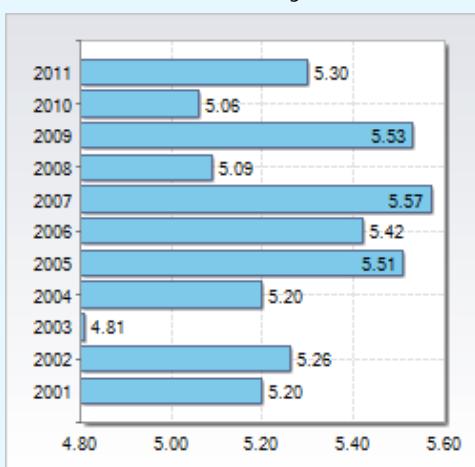
Q081. System Design - To what degree did your system design experience address the following: Addressed Sustainability issues

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



	N	Mean	Std Dev	Difference
2011	75	4.96	1.59	0.00
2010	25	5.04	1.27	-0.08
	Mean	Difference		
2009	5.15	-0.19		
2008	5.45	-0.49		
2007	5.08	-0.12		
2006	4.83	0.13		
2005	4.53	0.43		
2004	4.73	0.23		
2003	3.84	1.12		
2002	4.30	0.66		
2001	4.33	0.63		

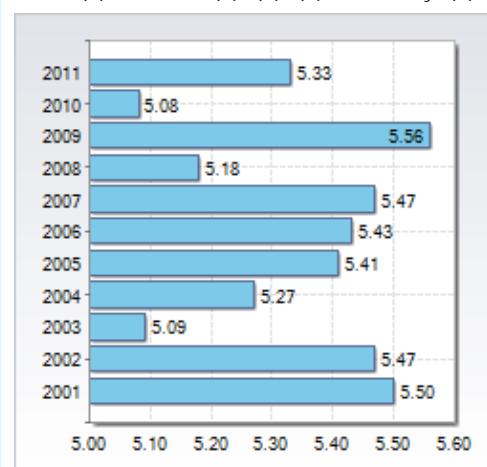
Factor 13. Laboratory Facilities



	N	Mean	Difference	Std Dev
2011	76	5.30	0.00	1.29
2010	26	5.06	0.24	1.11
	Mean	Difference		
2009	5.53	-0.23		
2008	5.09	0.21		
2007	5.57	-0.27		
2006	5.42	-0.12		
2005	5.51	-0.21		
2004	5.20	0.10		
2003	4.81	0.49		
2002	5.26	0.04		
2001	5.20	0.10		

Q082. Laboratory Facilities

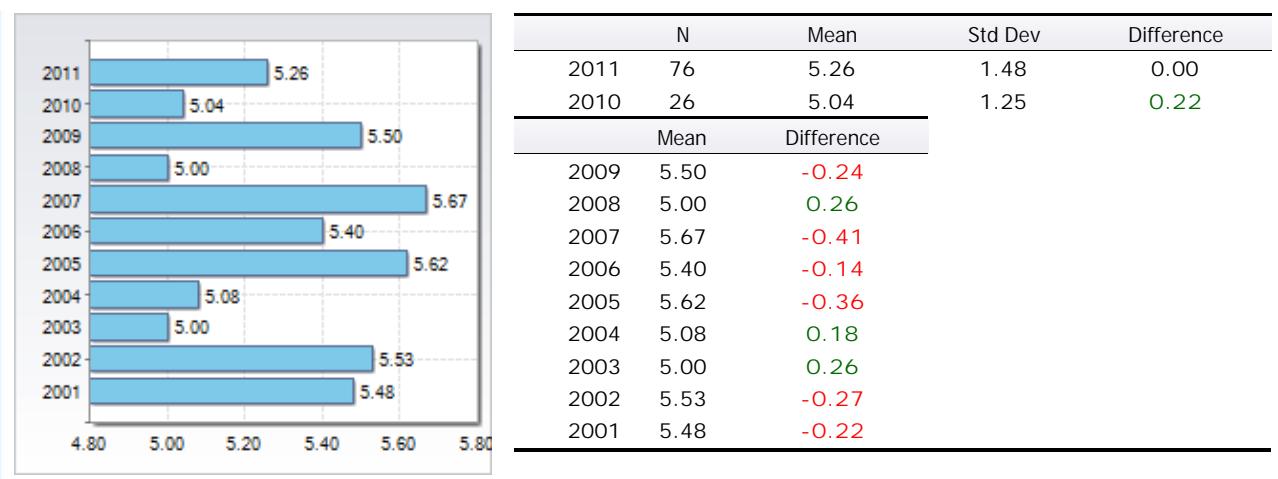
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable



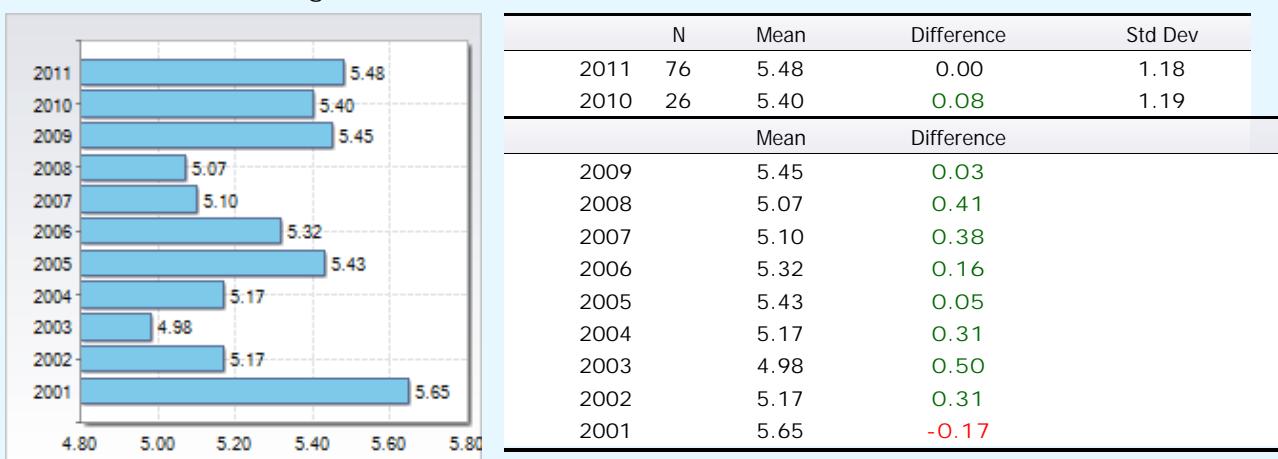
	N	Mean	Std Dev	Difference
2011	76	5.33	1.37	0.00
2010	26	5.08	1.13	0.25
	Mean	Difference		
2009	5.56	-0.23		
2008	5.18	0.15		
2007	5.47	-0.14		
2006	5.43	-0.10		
2005	5.41	-0.08		
2004	5.27	0.06		
2003	5.09	0.24		
2002	5.47	-0.14		
2001	5.50	-0.17		

Q083. Laboratory Facilities

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely, Not applicable

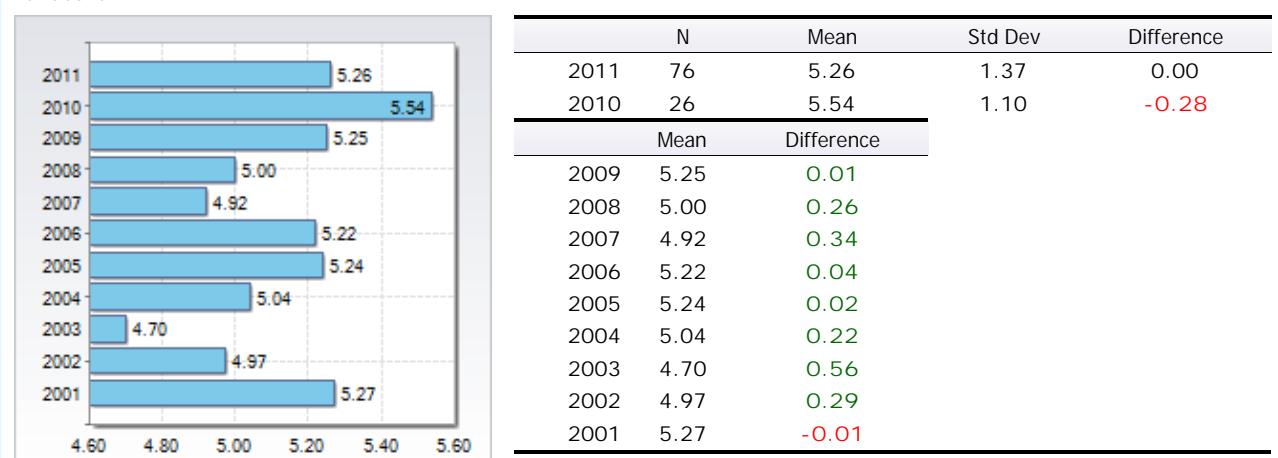


Factor 14. Overall Program Effectiveness



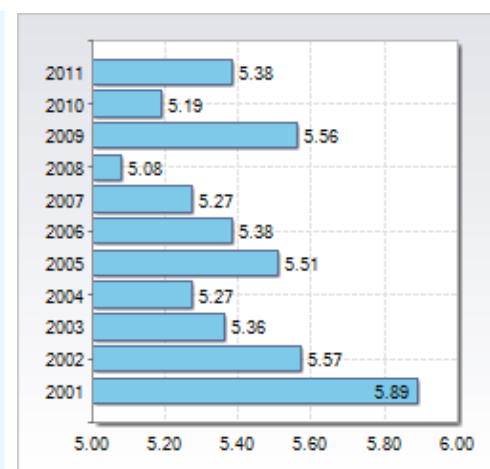
Q085. The Bottom Line - Overall Satisfaction - Extent that the Undergraduate Engineering program experience fulfill expectations

Scale: (1) Far below, (2) Moderately below, (3) Slightly below, (4) Met expectations, (5) Slightly above, (6) Moderately above, (7) Far above



Q086. Comparing the expense to the quality of education, rate the value of the investment made in Undergraduate Engineering program

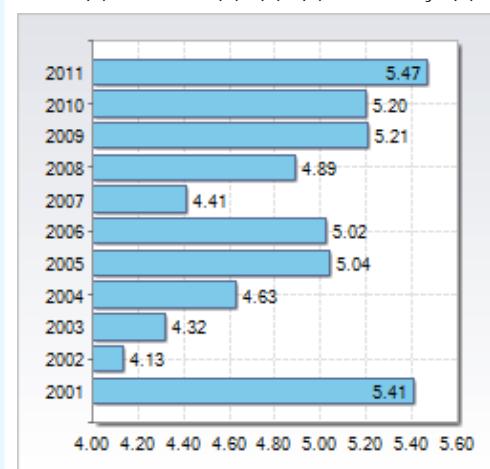
Scale: (1) Very poor, (2) Poor, (3) Fair, (4) Good, (5) Very good, (6) Excellent, (7) Exceptional



	N	Mean	Std Dev	Difference
2011	76	5.38	1.38	0.00
2010	26	5.19	1.63	0.19
	Mean	Difference		
2009	5.56	-0.18		
2008	5.08	0.30		
2007	5.27	0.11		
2006	5.38	0.00		
2005	5.51	-0.13		
2004	5.27	0.11		
2003	5.36	0.02		
2002	5.57	-0.19		
2001	5.89	-0.51		

Q087. How inclined are you to recommend your Undergraduate Engineering Major to a close friend

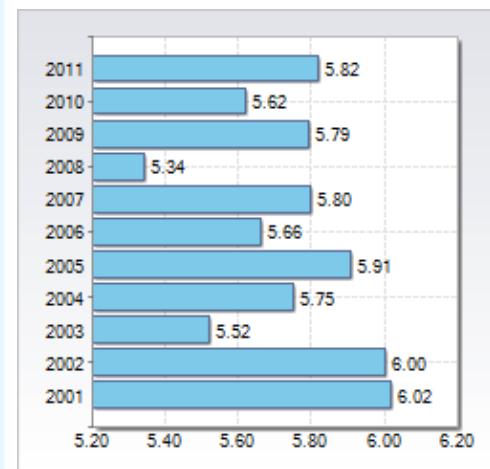
Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely



	N	Mean	Std Dev	Difference
2011	76	5.47	1.55	0.00
2010	25	5.20	1.68	0.27
	Mean	Difference		
2009	5.21	0.26		
2008	4.89	0.58		
2007	4.41	1.06		
2006	5.02	0.45		
2005	5.04	0.43		
2004	4.63	0.84		
2003	4.32	1.15		
2002	4.13	1.34		
2001	5.41	0.06		

Q088. How inclined are you to recommend your Undergraduate Engineering School to a close friend

Scale: (1) Not at all, (2), (3), (4) Moderately, (5), (6), (7) Extremely



	N	Mean	Std Dev	Difference
2011	76	5.82	1.30	0.00
2010	26	5.62	1.50	0.20
	Mean	Difference		
2009	5.79	0.03		
2008	5.34	0.48		
2007	5.80	0.02		
2006	5.66	0.16		
2005	5.91	-0.09		
2004	5.75	0.07		
2003	5.52	0.30		
2002	6.00	-0.18		
2001	6.02	-0.20		

Show up to Factors(s)/Question(s) per Report Page

Report Page of 1

[back to top](#)