National Survey of Student Engagement
The College Student Report

NSSE 2006 Means Summary School Report
Indiana University-Purdue University Indianapolis

	Variable	ENGINEERING & TECHNOLOGY Mean	All Other IUPUI Schools			*School of Engineering & Technology compared with:* Selected Peers			Doc-Int			NSSE 2006		
		Mean	*Other Schools' Mean*	*Sig [a]*	*Effect Size [b]*	*Urban Mean*	*Sig [a]*	*Effect Size [b]*	*Doc-Int Mean*	*Sig [a]*	*Effect Size [b]*	*NSSE 2004 Mean*	*Sig [a]*	*Effect Size [b]*
1.	**Academic and Intellectual Experiences**		*1=never, 2=sometimes, 3=often, 4=very often*											
a.	Asked questions in class or contributed to class discussions — CLQUEST	2.99	2.92		.08	2.93	0.025	.07	2.95	0.062	.05	3.06	0.197	-.08
b.	Made a class presentation — CLPRESEN	2.58	2.62		-.04	2.66	0.446	-.08	2.69	0.025	-.12	2.80	0.001	-.25
c.	Prepared two or more drafts of a paper or assignment before turning it in — REWROPAP	2.62	2.79	*	-.17	2.48	0.048	.15	2.48	0.042	.15	2.49	0.062	.14
d.	Worked on a paper or project that required integrating ideas or information from various sources — INTEGRAT	3.04	3.26	***	-.29	3.25	0.116	-.27	3.24	0.065	-.26	3.30	0.938	-.35
e.	Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments — DIVCLASS	2.24	2.87	***	-.69	2.76	0.293	-.55	2.70	0.005	-.49	2.78	0.534	-.59
f.	Came to class without completing readings or assignments — CLUNPREP	2.13	2.10		.04	2.13	0.104	-.01	2.17	0.616	-.06	2.12	0.025	.01
g.	Worked with other students on projects during class — CLASSGRP	2.75	2.62		.15	2.48	0.001	.31	2.47	0.000	.32	2.51	0.009	.27
h.	Worked with classmates outside of class to prepare class assignments — OCCGRP	2.65	2.42	**	.25	2.60	0.425	.05	2.80	0.000	-.16	2.75	0.000	-.12
i.	Put together ideas or concepts from different courses when completing assignments or during class discussions — INTIDEAS	2.88	2.79		.11	2.86	0.075	.02	2.90	0.416	-.02	2.91	0.597	-.03
j.	Tutored or taught other students (paid or voluntary) — TUTOR	1.85	1.73		.13	1.80	0.903	.06	1.90	0.006	-.05	1.89	0.017	-.04
k.	Participated in a community-based project as a part of a regular course — COMMPROJ	1.40	1.76	***	-.39	1.56	0.001	-.19	1.66	0.248	-.29	1.69	0.784	-.32

[a] * p<.05   ** p<.01   ***p<.001 (2-tailed).

[b] Effect size=mean difference divided by comparison group standard deviation.

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1. Academic and Intellectual Experiences (continued) — *1=never, 2=sometimes, 3=often, 4=very often*

	Variable	E&T Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
l.	Used an electronic medium (list-serv, chat group, Internet, etc.) to discuss or complete an assignment — ITACADEM	2.89	2.93		-.04	2.77	0.000	.12	2.88	0.004	.02	2.85	0.000	.04
m.	Used email to communicate with an instructor — EMAIL	3.24	3.33		-.11	3.29	0.002	-.07	3.31	0.003	-.08	3.31	0.002	-.08
n.	Discussed grades or assignments with an instructor — FACGRADE	2.69	2.75		-.06	2.71	0.095	-.02	2.76	0.730	-.08	2.79	0.601	-.12
o.	Talked about career plans with a faculty member or advisor — FACPLANS	2.11	2.22		-.12	2.22	0.265	-.12	2.33	0.000	-.23	2.41	0.000	-.31
p.	Discussed ideas from your reading or classes with faculty members outside of class — FACIDEAS	1.86	1.90		-.05	1.96	0.842	-.11	2.03	0.036	-.19	2.08	0.000	-.24
q.	Received prompt feedback from faculty on your academic performance (written or oral) — FACFEED	2.48	2.71	**	-.28	2.70	0.867	-.27	2.69	0.895	-.25	2.76	0.029	-.36
r.	Worked harder than you thought you could to meet an instructor's standards or expectations. — WORKHARD	2.52	2.66	*	-.17	2.66	0.183	-.16	2.67	0.071	-.18	2.69	0.014	-.21
s.	Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.) — FACOTHER	1.61	1.63		-.01	1.60	0.047	.02	1.75	0.040	-.15	1.81	0.001	-.20
t.	Discussed ideas from your readings or classes with others outside of class (students, family members, coworkers, etc.) — OOCIDEAS	2.70	2.75		-.07	2.81	0.888	-.13	2.85	0.352	-.18	2.84	0.464	-.17
u.	Had serious conversations with students of a different race or ethnicity than your own — DIVRSTUD	2.44	2.59		-.15	2.70	0.014	-.27	2.64	0.260	-.20	2.64	0.219	-.21
v.	Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values — DIFFSTU2	2.41	2.62	*	-.20	2.68	0.100	-.28	2.68	0.136	-.27	2.71	0.012	-.32

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2.	**Mental Activities**					*1=very little, 2=some, 3=quite a bit, 4=very much*								
a.	Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form — MEMORIZE	2.59	2.77	*	-.19	2.77	0.022	-.20	2.78	0.004	-.21	2.74	0.088	-.16
b.	Analyzing the basic elements of an idea, experience, or theory such as examining a particular case or situation in depth and considering its components — ANALYZE	2.97	3.14	*	-.22	3.18	0.554	-.27	3.22	0.073	-.32	3.22	0.047	-.33
c.	Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships — SYNTHESZ	2.80	3.00	*	-.24	2.94	0.168	-.17	2.99	0.839	-.22	3.01	0.592	-.26
d.	Making judgments about the value of information, arguments, or methods such as examining how others gathered and interpreted data and assessing the soundness of their conclusions — EVALUATE	2.66	2.94	***	-.33	2.90	0.771	-.27	2.92	0.806	-.29	2.94	0.300	-.33
e.	Applying theories or concepts to practical problems or in new situations — APPLYING	3.01	3.13		-.14	3.10	0.071	-.10	3.16	0.903	-.18	3.17	0.905	-.19
3.	**Reading and Writing**					*1=none, 2= between 1 and 4, 3=between 5 and 10, 4=between 11 and 20, 5=more than 20*								
a.	Number of assigned textbooks, books, or book-length packs of course readings — READASGN	2.81	3.12	***	-.33	3.11	0.400	-.30	3.14	0.140	-.33	3.18	0.008	-.37
b.	Number of books read on your own (not assigned) for personal enjoyment or academic enrichment — READOWN	2.23	2.11		.12	2.21	0.751	.01	2.20	0.998	.03	2.21	0.777	.02
c.	Number of written papers or reports of 20 pages or more — WRITEMOR	1.50	1.48		.03	1.56	0.397	-.09	1.61	0.461	-.15	1.64	0.084	-.19
d.	Number of written papers or reports between 5 and 19 pages — WRITEMID	2.15	2.47	***	-.35	2.49	0.652	-.36	2.49	0.690	-.36	2.59	0.038	-.46
e.	Number of written papers or reports of fewer than 5 pages — WRITESML	2.65	2.98	***	-.30	2.86	0.156	-.18	2.96	0.616	-.26	2.98	0.281	-.29

[a] * p<.05 ** p<.01 ***p<.001 (2-tailed).

[b] Effect size=mean difference divided by comparison group standard deviation.

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4. Challenge of Examinations			*1=very little to 7=very much*											
To what extent did your exams during the current school year challenge you to do your best work?	EXAMS	5.12	5.42	**	-.25	5.39	0.397	-.21	5.41	0.187	-.24	5.41	0.171	-.23
5. Quality of Advising			*1=poor, 2=fair, 3=good, 4=excellent*											
Overall how would you evaluate the quality of academic advising you have received at your institution?	ADVISE	2.71	2.75		-.04	2.59	0.045	.12	2.76	0.043	-.05	2.82	0.000	-.12
6. Enriching Educational Experiences			*Which of the following have you done or do you plan to do before you graduate from your institution?* *0=No, 1=Yes (undecided=missing) Means are the proportion of students responding "Yes."*											
a. Practicum, internship, field experience, co-op experience, or clinical assignment	INTERN04	3.03	2.87		.16	.46	0.508	5.16	.50	0.712	5.05	.53	0.669	5.00
b. Community service or volunteer work	VOLNTR04	2.79	3.16	***	-.35	.50	0.332	4.58	.57	0.006	4.47	.59	0.001	4.46
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	LRNCOM04	2.28	2.67	***	-.33	.22	0.000	4.93	.26	0.002	4.64	.25	0.001	4.69
d. Work on a research project with a faculty member outside of course or program requirements	RESRCH04	2.32	2.15	*	.18	.16	0.697	5.93	.19	0.104	5.44	.19	0.065	5.40
e. Foreign language coursework	FORLNG04	2.42	2.60	*	-.17	.38	0.079	4.21	.41	0.001	4.10	.41	0.000	4.09
f. Study abroad	STDABR04	2.07	2.04		.04	.09	0.192	6.84	.13	0.000	5.68	.14	0.000	5.46
g. Independent study or self-designed major	INDSTD04	2.27	2.10	*	.20	.15	0.762	5.94	.17	0.235	5.55	.19	0.031	5.35
h. Culminating senior experience (comprehensive exam, capstone course, thesis, project, etc.)	SNRX04	2.73	2.51	*	.20	.26	0.000	5.65	.30	0.044	5.31	.32	0.465	5.14

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						Selected Peers			Doc-Int			NSSE 2006		
	Variable	Mean	Other Schools' Mean	Sig[a]	Effect Size[b]	Urban Mean	Sig[a]	Effect Size[b]	Doc-Int Mean	Sig[a]	Effect Size[b]	NSSE 2004 Mean	Sig[a]	Effect Size[b]

7. Time Usage — *1=0 hrs/wk, 2=1-5 hrs/wk, 3=6-10 hrs/wk, 4=11-15 hrs/wk, 5=16-20 hrs/wk, 6=21-25 hrs/wk, 7=26-30 hrs/wk, 8=more than 30 hrs/wk*

		Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
a.	Preparing for class (studying, reading, writing, rehearsing, and other activities related to your academic program) — ACADPR01	4.20	3.95		.15	3.95	0.687	.14	4.11	0.011	.05	4.10	0.011	.06
b.	Working for pay on campus — WORKON01	1.75	1.62		.08	1.73	0.514	.01	1.87	0.164	-.07	1.83	0.378	-.05
c.	Working for pay off campus — WORKOF01	4.72	4.51		.08	4.63	0.004	.03	3.62	0.000	.40	3.80	0.000	.33
d.	Participating in co-curricular activities (organizations, campus publications, student government, etc.) — COCURR01	1.59	1.61		-.02	1.68	0.002	-.07	2.02	0.000	-.30	2.08	0.000	-.33
e.	Relaxing and socializing (watching TV, partying, exercising, etc.) — SOCIAL05	3.39	3.38		.00	3.40	0.038	.00	3.49	0.000	-.07	3.48	0.000	-.06
f.	Providing care for dependents living with you (parents, children, spouse, etc.) — CAREDE01	2.68	2.80		-.04	2.55	0.000	.06	2.28	0.000	.19	2.33	0.000	.16
g.	Commuting to class — COMMUTE	2.58	2.47		.12	2.54	0.303	.04	2.42	0.088	.16	2.37	0.006	.20

8. Educational and Personal Growth — *1=very little, 2=some, 3=quite a bit, 4=very much*

		Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
a.	Acquiring a broad general education — GNGENLED	2.83	3.15	***	-.40	3.12	0.070	-.36	3.21	0.413	-.49	3.24	0.102	-.52
b.	Acquiring job or work-related knowledge and skills — GNWORK	2.99	2.89		.11	2.85	0.000	.15	3.01	0.450	-.02	3.02	0.619	-.03
c.	Writing clearly and effectively — GNWRITE	2.81	3.12	***	-.38	2.98	0.001	-.19	3.01	0.009	-.24	3.07	0.260	-.30
d.	Speaking clearly and effectively — GNSPEAK	2.79	3.00	**	-.24	2.81	0.000	-.02	2.89	0.000	-.12	2.96	0.052	-.19

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8.	**Educational and Personal Growth (continued)**				*1=very little, 2=some, 3=quite a bit, 4=very much*									
a.	Thinking critically and analytically — GNANALY	3.10	3.28	**	-.23	3.25	0.013	-.18	3.32	0.614	-.28	3.33	0.859	-.30
b.	Analyzing quantitative problems — GNQUANT	3.10	3.03		.07	2.97	0.001	.14	3.03	0.052	.07	3.02	0.014	.09
c.	Using computing and information technology — GNCMPTS	3.34	3.26		.10	3.16	0.000	.22	3.23	0.000	.13	3.20	0.000	.16
d.	Working effectively with others — GNOTHERS	2.97	3.11		-.16	2.99	0.000	-.02	3.10	0.434	-.16	3.14	0.846	-.20
e.	Voting in local, state, or national elections — GNCITIZN	1.56	1.94	***	-.37	2.06	0.020	-.48	2.09	0.002	-.51	2.10	0.001	-.52
f.	Learning effectively on your own — GNINQ	2.69	2.92	**	-.26	2.89	0.271	-.21	2.99	0.172	-.33	3.00	0.103	-.35
g.	Understanding yourself — GNSELF	2.34	2.70	***	-.35	2.59	0.186	-.24	2.75	0.017	-.40	2.78	0.002	-.44
h.	Understanding people of other racial and ethnic backgrounds — GNDIVERS	2.09	2.63	***	-.55	2.60	0.258	-.51	2.54	0.846	-.45	2.57	0.507	-.49
i.	Solving complex real-world problems — GNPROBSV	2.45	2.65	*	-.21	2.60	0.014	-.16	2.73	0.540	-.30	2.72	0.882	-.28
j.	Developing a personal code of values and ethics — GNETHICS	2.15	2.53	***	-.37	2.44	0.190	-.27	2.67	0.000	-.49	2.65	0.001	-.48
k.	Contributing to the welfare of your community — GNCOMMUN	1.86	2.37	***	-.52	2.24	0.446	-.38	2.44	0.000	-.40	2.42	0.001	-.55
l.	Developing a deepened sense of spirituality — GNSPIRIT	1.52	1.82	***	-.29	1.68	0.988	-.16	2.01	0.000	-.42	1.93	0.000	-.37

School of Engineering & Technology compared with: Selected Peers, Doc-Int, NSSE 2006

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9.	**Institutional Environment**				*1=very little, 2=some, 3=quite a bit, 4=very much*									
a.	Spending significant amounts of time studying and on academic work — ENVSCHOL	2.82	3.06	***	-.31	3.01	0.843	-.24	3.07	0.037	-.33	3.08	0.023	-.33
b.	Providing the support you need to help you succeed academically — ENVSUPRT	2.52	2.90	***	-.45	2.68	0.016	-.18	2.80	0.451	-.32	2.87	0.006	-.41
c.	Encouraging contact among students from different economic, social, and racial or ethnic backgrounds — ENVDIVRS	2.09	2.50	***	-.42	2.36	0.915	-.28	2.34	0.650	-.26	2.40	0.352	-.31
d.	Helping you cope with your non-academic responsibilities (work, family, etc.) — ENVNACAD	1.70	1.95	**	-.27	1.72	0.019	-.02	1.90	0.022	-.22	1.91	0.010	-.23
e.	Providing the support you need to thrive socially — ENVSOCAL	1.85	2.10	**	-.27	1.96	0.998	-.12	2.15	0.000	-.32	2.14	0.000	-.32
f.	Attending campus events and activities (special speakers, cultural performances, athletic events, etc.) — ENVEVENT	2.07	2.34	**	-.28	2.39	0.001	-.34	2.59	0.000	-.55	2.57	0.000	-.53
g	Using computers in academic work — ENVCOMPT	3.52	3.53		-.02	3.42	0.000	.13	3.47	0.001	.07	3.47	0.001	.07
10.	**Quality of Relationships**		*Mark the box that best represents the quality of your relationships with people at your institution.* *1= unfriendly, unsupportive, sense of alienation to 7=friendly, supportive, sense of belonging*											
a.	Relationships with other students — ENVSTU	5.13	5.28		-.10	5.33	0.085	-.15	5.60	0.000	-.35	5.61	0.000	-.36
			1=unavailable, unhelpful, unsympathetic to 7=available, helpful, sympathetic											
b.	Relationships with faculty members — ENVFAC	4.97	5.17		-.15	5.15	0.616	-.12	5.29	0.061	-.23	5.42	0.000	-.33
			1=unhelpful, inconsiderate, rigid to 7=helpful, considerate, flexible											
c.	Relationships with administrative personnel and offices — ENVADM	4.62	4.43		.11	4.21	0.000	.24	4.43	0.350	.11	4.50	0.882	.07

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Satisfaction						*1=poor, 2=fair, 3=good, 4=excellent*								
11. How would you evaluate your entire educational experience at this institution?	ENTIREXP	2.90	3.08	**	-.24	3.01	0.499	-.15	3.16	0.000	-.35	3.19	0.000	-.39
						1=definitely no, 2=probably no, 3=probably yes, 4=definitely yes								
12. If you could start over again, would you go to the same institution you are now attending?	SAMECOLL	3.00	3.11		-.12	2.99	0.326	.02	3.16	0.000	-.18	3.18	0.000	-.20
Problem Sets						*1=none, 2=1-2, 3=3-4, 4=5-6, 5=more than 6*								
Number of *problem sets* that take you more than an hour to complete	PROBSETA	3.02	2.63	***	.33	2.55	0.508	.38	2.61	0.712	.34	2.57	0.669	.37
Number of *problem sets* that take you less than an hour to complete	PROBSETB	2.72	2.50	*	.18	2.33	0.741	.31	2.37	0.723	.29	2.34	0.855	.31
Additional Collegiate Experiences						*In your experience at this institution during the current school year, about how often have you done each of the following? 1=never, 2=sometimes, 3=often, 4=very often*								
Attended an art exhibit, gallery, play, dance, or other theatre performance	ATDART05	1.74	1.89	*	-.17	1.95	0.128	-.23	1.98	0.012	-.27	2.01	0.001	-.30
Exercised or participated in physical fitness activities	EXRCSE05	2.26	2.43	*	-.17	2.60	0.000	-.33	2.71	0.000	-.44	2.70	0.000	-.43
Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)	WORSHP05	2.22	2.16		.05	2.16	0.338	.06	2.36	0.001	-.11	2.18	0.653	.03
Examined the strengths and weaknesses of your own views on a topic or issue	OWNVIEW	2.52	2.62		-.12	2.69	0.934	-.19	2.70	0.640	-.21	2.69	0.789	-.20
Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	OTHRVIEW	2.56	2.80	**	-.27	2.81	0.999	-.29	2.83	0.704	-.31	2.83	0.602	-.32
Learned something that changed the way you understand an issue or concept	CHNGVIEW	2.68	2.85	*	-.20	2.84	0.302	-.19	2.87	0.785	-.23	2.87	0.791	-.23

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Variable	Mean	Other Schools' Mean	Sig a	Effect Size b	Urban Mean	Sig a	Effect Size b	Doc-Int Mean	Sig a	Effect Size b	NSSE 2004 Mean	Sig a	Effect Size b

Benchmark Items

1. Level of Academic Challenge

1=never, 2=sometimes, 3=often, 4=very often

Item	Variable	E&T Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
Preparing for class (studying, reading, writing, rehearsing, and other activities related to your academic program)	ACADPR01	4.20	3.95		.15	3.95	0.687	.14	4.11	0.011	.05	4.10	0.011	.06

1=none, 2= between 1 and 4, 3=between 5 and 10, 4=between 11 and 20, 5=more than 20

Item	Variable	E&T Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
Number of assigned textbooks, books, or book-length packs of course readings	READASGN	2.81	3.12	***	-.33	3.11	0.400	-.30	3.14	0.140	-.33	3.18	0.008	-.37
Number of written papers or reports of 20 pages or more	WRITEMOR	1.50	1.48		.03	1.56	0.397	-.09	1.61	0.461	-.15	1.64	0.084	-.19
Number of written papers or reports between 5 and 19 pages	WRITEMID	2.15	2.47	***	-.35	2.49	0.652	-.36	2.49	0.690	-.36	2.59	0.038	-.46
Number of written papers or reports of fewer than 5 pages	WRITESML	2.65	2.98	***	-.30	2.86	0.156	-.18	2.96	0.616	-.26	2.98	0.281	-.29

1=very little, 2=some, 3=quite a bit, 4=very much

Item	Variable	E&T Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
Analyzing the basic elements of an idea, experience, or theory such as examining a particular case or situation in depth and considering its components	ANALYZE	2.97	3.14	*	-.22	3.18	0.554	-.27	3.22	0.073	-.32	3.22	0.047	-.33
Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships	SYNTHESZ	2.80	3.00	*	-.24	2.94	0.168	-.17	2.99	0.839	-.22	3.01	0.592	-.26
Making judgments about the value of information, arguments, or methods such as examining how others gathered and interpreted data and assessing the soundness of their conclusions	EVALUATE	2.66	2.94	***	-.33	2.90	0.771	-.27	2.92	0.806	-.29	2.94	0.300	-.33
Applying theories or concepts to practical problems or in new situations	APPLYING	3.01	3.13		-.14	3.10	0.071	-.10	3.16	0.903	-.18	3.17	0.905	-.19

a * p<.05 ** p<.01 ***p<.001 (2-tailed).

b Effect size=mean difference divided by comparison group standard deviation.

National Survey of Student Engagement
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NSSE 2006 Means Summary School Report
Indiana University-Purdue University Indianapolis

		ENGINEERING & TECHNOLOGY	All Other IUPUI Schools			School of Engineering & Technology compared with: Selected Peers			Doc-Int			NSSE 2006		
	Variable	Mean	Other Schools' Mean	Sig [a]	Effect Size [b]	Urban Mean	Sig [a]	Effect Size [b]	Doc-Int Mean	Sig [a]	Effect Size [b]	NSSE 2004 Mean	Sig [a]	Effect Size [b]
2. Active and Collaborative Learning														
						1=never, 2=sometimes, 3=often, 4=very often								
Asked questions in class or contributed to class discussions	CLQUEST	2.99	2.92		.08	2.93	0.025	.07	2.95	0.062	.05	3.06	0.197	-.08
Made a class presentation	CLPRESEN	2.58	2.62		-.04	2.66	0.446	-.08	2.69	0.025	-.12	2.80	0.001	-.25
Worked with other students on projects during class	CLASSGRP	2.75	2.62		.15	2.48	0.001	.31	2.47	0.000	.32	2.51	0.009	.27
Worked with classmates outside of class to prepare class assignments	OCCGRP	2.65	2.42	**	.25	2.60	0.425	.05	2.80	0.000	-.16	2.75	0.000	-.12
Tutored or taught other students (paid or voluntary)	TUTOR	1.85	1.73		.13	1.80	0.903	.06	1.90	0.006	-.05	1.89	0.017	-.04
Participated in a community-based project as a part of a regular course	COMMPROJ	1.40	1.76	***	-.39	1.56	0.001	-.19	1.66	0.248	-.29	1.69	0.784	-.32
Discussed ideas from your readings or classes with others outside of class (students, family members, coworkers, etc.)	OCCIDEAS	2.70	2.75		-.07	2.81	0.888	-.13	2.85	0.352	-.18	2.84	0.464	-.17
3. Student-Faculty Interactions														
						1=never, 2=sometimes, 3=often, 4=very often								
Discussed grades or assignments with an instructor	FACGRADE	2.69	2.75		-.06	2.71	0.095	-.02	2.76	0.730	-.08	2.79	0.601	-.12
Talked about career plans with a faculty member or advisor	FACPLANS	2.11	2.22		-.12	2.22	0.265	-.12	2.33	0.000	-.23	2.41	0.000	-.31
Discussed ideas from your reading or classes with faculty members outside of class	FACIDEAS	1.86	1.90		-.05	1.96	0.842	-.11	2.03	0.036	-.19	2.08	0.000	-.24
Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	FACOTHER	1.61	1.63		-.01	1.60	0.047	.02	1.75	0.040	-.15	1.81	0.001	-.20
Received prompt feedback from faculty on your academic performance (written or oral)	FACFEED	2.48	2.71	**	-.28	2.70	0.867	-.27	2.69	0.895	-.25	2.76	0.029	-.36
						Which of the following have you done or do you plan to do before you graduate from your institution? *0=No, 1=Yes (undecided=missing) Means are the proportion of students responding "Yes."*								
Work on a research project with a faculty member outside of course or program	RESRCH04	2.32	2.15	*	.18	.16	0.697	5.93	.19	0.104	5.44	.19	0.065	5.40

[a] * p<.05   ** p<.01   ***p<.001 (2-tailed).
[b] Effect size=mean difference divided by comparison group standard deviation.

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| | ENGINEERING & TECHNOLOGY | All Other IUPUI Schools | | | School of Engineering & Technology compared with: | | | | | | | | |
| | | | | | Selected Peers | | | Doc-Int | | | NSSE 2006 | | |
Variable	Mean	Other Schools' Mean	Sig[a]	Effect Size[b]	Urban Mean	Sig[a]	Effect Size[b]	Doc-Int Mean	Sig[a]	Effect Size[b]	NSSE 2004 Mean	Sig[a]	Effect Size[b]

4. Enriching Educational Experiences

1=0 hrs/wk, 2=1-5 hrs/wk, 3=6-10 hrs/wk, 4=11-15 hrs/wk, 5=16-20 hrs/wk, 6=21-25 hrs/wk, 7=26-30 hrs/wk, 8=more than 30 hrs/wk

Variable	Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
Participating in co-curricular activities (organizations, campus publications, student government, etc.) — COCURR01	1.59	1.61		-.02	1.68	0.002	-.07	2.02	0.000	-.30	2.08	0.000	-.33

Which of the following have you done or do you plan to do before you graduate from your institution? 0=No, 1=Yes (undecided=missing) Means are the proportion of students responding "Yes."

Variable	Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
Practicum, internship, field experience, co-op experience, or clinical assignment — INTERN04	3.03	2.87		.16	.46	0.508	5.16	.50	0.712	5.05	.53	0.669	5.00
Community service or volunteer work — VOLNTR04	2.79	3.16	***	-.35	.50	0.332	4.58	.57	0.006	4.47	.59	0.001	4.46
Foreign language coursework — FORLNG04	2.42	2.60	*	-.17	.38	0.079	4.21	.41	0.001	4.10	.41	0.000	4.09
Study abroad — STDABR04	2.07	2.04		.04	.09	0.192	6.84	.13	0.000	5.68	.14	0.000	5.46
Independent study or self-designed major — INDSTD04	2.27	2.10	*	.20	.15	0.762	5.94	.17	0.235	5.55	.19	0.031	5.35
Culminating senior experience (comprehensive exam, capstone course, thesis, project, etc.) — SNRX04	2.73	2.51	*	.20	.26	0.000	5.65	.30	0.044	5.31	.32	0.465	5.14

1=never, 2=sometimes, 3=often, 4=very often

Variable	Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
Had serious conversations with students of a different race or ethnicity than your own — DIVRSTUD	2.44	2.59		-.15	2.70	0.014	-.27	2.64	0.260	-.20	2.64	0.219	-.21
Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values — DIFFSTU2	2.41	2.62	*	-.20	2.68	0.100	-.28	2.68	0.136	-.27	2.71	0.012	-.32
Used an electronic medium (list-serv, chat group, Internet, etc.) to discuss or complete an assignment — ITACADEM	2.89	2.93		-.04	2.77	0.000	.12	2.88	0.004	.02	2.85	0.000	.04

1=very little, 2=some, 3=quite a bit, 4=very much

Variable	Mean	Other Schools' Mean	Sig	Effect Size	Urban Mean	Sig	Effect Size	Doc-Int Mean	Sig	Effect Size	NSSE 2004 Mean	Sig	Effect Size
Encouraging contact among students from different economic, social, and racial or ethnic backgrounds — ENVDIVRS	2.09	2.50	***	-.42	2.36	0.915	-.28	2.34	0.650	-.26	2.40	0.352	-.31

[a] * p<.05 ** p<.01 ***p<.001 (2-tailed).

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	Variable	ENGINEERING & TECHNOLOGY Mean	All Other IUPUI Schools Other Schools' Mean	Sig [a]	Effect Size [b]	School of Engineering & Technology compared with: Selected Peers Urban Mean	Sig [a]	Effect Size [b]	Doc-Int Doc-Int Mean	Sig [a]	Effect Size [b]	NSSE 2006 NSSE 2004 Mean	Sig [a]	Effect Size [b]
5. Supportive Campus Environment			*1=very little, 2=some, 3=quite a bit, 4=very much*											
Providing the support you need to help you succeed academically	ENVSUPRT	2.52	2.90	***	-.45	2.68	0.016	-.18	2.80	0.451	-.32	2.87	0.006	-.41
Helping you cope with your non-academic responsibilities (work, family, etc.)	ENVNACAD	1.70	1.95	**	-.27	1.72	0.019	-.02	1.90	0.022	-.22	1.91	0.010	-.23
Providing the support you need to thrive socially	ENVSOCAL	1.85	2.10	**	-.27	1.96	0.998	-.12	2.15	0.000	-.32	2.14	0.000	-.32
			1=unfriendly, unsupportive, sense of alienation to 7=friendly, supportive, sense of belonging											
Relationships with other students	ENVSTU	5.13	5.28		-.10	5.33	0.085	-.15	5.60	0.000	-.35	5.61	0.000	-.36
			1=unavailable, unhelpful, unsympathetic to 7=available, helpful, sympathetic											
Relationships with faculty members	ENVFAC	4.97	5.17		-.15	5.15	0.616	-.12	5.29	0.061	-.23	5.42	0.000	-.33
			1=unhelpful, inconsiderate, rigid to 7=helpful, considerate, flexible											
Relationships with administrative personnel and offices	ENVADM	4.62	4.43		.11	4.21	0.000	.24	4.43	0.350	.11	4.50	0.882	.07

[a] * p<.05   ** p<.01   ***p<.001 (2-tailed).

[b] Effect size=mean difference divided by comparison group standard deviation.