

CIRP Construct Technical Report

2010 Appendix

Construct Parameters

Habits of Mind

A unified measure of the behaviors and traits associated with academic success. These behaviors are seen as the foundation for lifelong learning.

	TFS, YFCY				CS	S
	Α	B1	В2	Α	B1	B2
Habits of Mind: Ask questions in class	1.32	-2.58	0.14	1.32	-3.13	0.08
Habits of Mind: Support your opinions with a logical argument	1.97	-2.32	-0.15	1.97	-2.32	-0.15
Habits of Mind: Seek solutions to problems and explain them to others	2.29	-2.19	0.02	2.49	-2.32	0.05
Habits of Mind: Revise your papers to improve your writing	1.07	-3.01	-0.01	1.06	-3.18	0.1
Habits of Mind: Evaluate the quality or reliability of information you received	1.70	-2.35	0.36	1.84	-2.47	0.19
Habits of Mind: Take a risk because you feel you have more to gain	1.30	-2.34	0.66	1.54	-2.15	0.86
Habits of Mind: Seek alternative solutions to a problem	1.89	-2.56	0.30	2.08	-2.51	0.44
Habits of Mind: Look up scientific research articles and resources	0.96	-1.77	1.24	0.67	-3.24	0.37
Habits of Mind: Explore topics on your own, even though it was not required for a class	1.28	-1.74	0.81	1.07	-2.5	0.9
Habits of Mind: Accept mistakes as part of the learning process	1.08	-3.87	0.03	0.94	-4.62	0.13
Habits of Mind: Seek feedback on your academic work	1.38	-2.65	0.10	1.20	-3.3	0.13

TFS, YFCY & CSS

Since entering this college, how often have you:	thedre draw at all
Ask questions in class	000
Support your opinions with a logical argument	000
Seek solutions to problems and explain them to others	000
Revise your papers to improve your writing	000
Evaluate the quality or reliability of information you received	000
Take a risk because you feel you have more to gain	000
Seek alternative solutions to a problem	000
Look up scientific research articles and resources	000
Explore topics on your own, even though it was not required for a class	000
Accept mistakes as part of the learning process	000
Seek feedback on your academic work	000



Academic Disengagement

Measures the extent to which students engage in behaviors that are inconsistent with academic success.

		YFCY			CSS	
	A	B1	B2	A	B1	B2
Act: Come late to class	1.82	-0.40	2.02	1.82	-0.40	2.02
Act: Fell asleep in class	1.00	0.56	3.62	1.00	0.56	3.62
Act: Turned in course assignments late (YFCY)/ Failed to complete homework on time (CSS)	1.26	0.57	2.92	1.26	0.57	2.92
Act: Skipped class	1.60	-0.68	2.52			
Act: Turned in course assignments that did not reflect your best work	1.11	-1.36	2.89			
Act: Missed class for other reasons				1.76	-1.37	2.16

YFCY Since entering this college, how often have you:	/4	requen	ccasion	ot at all	<u>CSS</u> Since entering this college, indicate how often you:
Come late to class	0	0	0		Came late to class
Fell asleep in class	0	0	0		Fell asleep in class
Turned in course assignment(s) late	0	0	0		Failed to complete homework on time
Skipped class	0	0	0		Missed class for other reasons
Turned in course assignments that did not reflect your best work	0	0	0		
Missed class for other reasons	0	0	0		



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Student-Faculty Interaction (CSS)

Measures the extent to which students and faculty interact in relationships that foster mentorship, support, and guidance, with respect to both academic and personal domains.

CSS			
	A	B1	B2
Faculty Provide: Encouragement to pursue graduate/professional study	1.91	-1.47	0.19
Faculty Provide: An opportunity to work on a research project	1.09	-0.53	1.50
Faculty Provide: Advice and guidance about your educational program	2.89	-1.50	0.33
Faculty Provide: Emotional support and encouragement	2.40	-1.18	0.51
Faculty Provide: A letter of recommendation	1.71	-1.15	0.63
Faculty Provide: Help to improve your study skills	1.84	-0.88	1.09
Faculty Provide: Feedback about your academic work (outside of grades)	2.33	-1.42	0.41
Faculty Provide: An opportunity to discuss coursework outside of class	2.13	-1.85	0.18
Faculty Provide: Help in achieving your professional goals	3.32	-1.14	0.42

CSS

How often have professors at your college provided you with:	/4	requen	casion N	वें वें वर्ग
Encouragement to pursue graduate/professional study	0	0	0	
An opportunity to work on a research project	0	0	0	
Advice and guidance about your educational program	0	0	0	
Emotional support and encouragement	0	0	0	
A letter of recommendation	0	0	0	
Help to improve your study skills	0	0	0	
Feedback about your academic work (outside of grades)	0	0	0	
An opportunity to discuss coursework outside of class	0	0	0	
Help in achieving your professional goals	0	0	0	



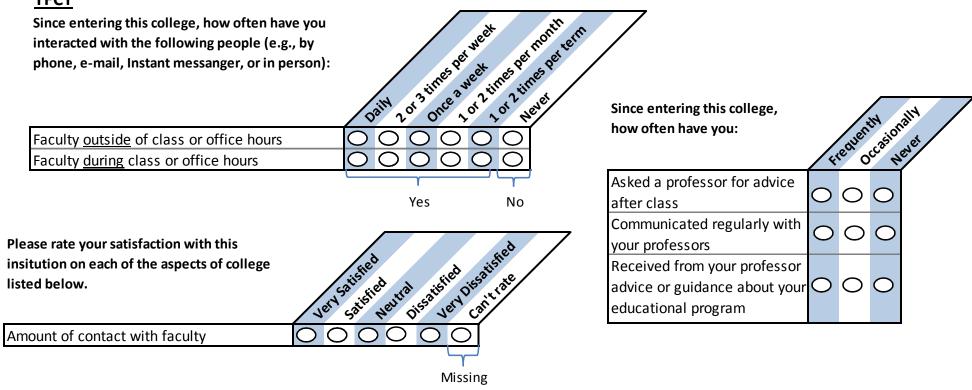
Student-Faculty Interaction (YFCY)

Measures the amount and type of contact students have with faculty that is appropriate for the first year of college, as well as satisfaction with these issues.

YFCY						
	Α	B1	B2	В3	В4	В5
Interact: Faculty outside of class or office hours	1.18	-1.17	0.16	1.19	2.21	3.60
Act: Asked a professor for advice after class	1.74	-1.21	1.36			
Act: Communicated regularly with your professors	2.71	-0.90	1.10			
Satisfaction: amount of contact with faculty*	1.20	-4.34	-2.76	-0.76	1.59	
Act: Received from your professor advice or guidance about your educational program	1.69	-0.87	1.48			
Interact: Faculty during class or office hours (yes/no)**	1.29	-2.24				

^{* &}quot;Can't rate" option coded as missing; ** Recoded from frequency of going to office hours

YFCY





Satisfaction with Coursework

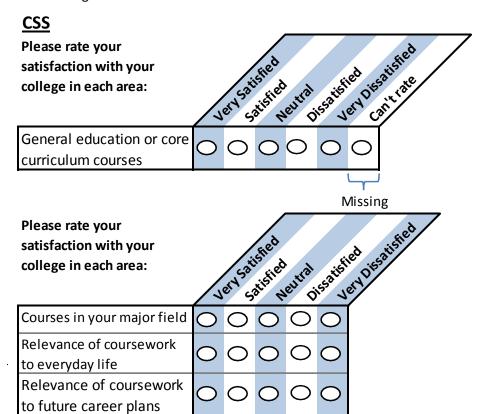
Measures the extent to which students see their coursework as relevant, useful, and applicable to their academic success and future plans.

		YFCY					CSS					
	Α	B1	B2	В3	B4	Α	B1	B2	В3	В4		
Satisfaction: General education or core curriculum courses**	1.31	-	-	-	1.02	0.92	-	-	-1.90	1.65		
	1.51	4.18	2.72	1.49	1.02		5.66	3.65				
Inst Satisfaction: Relevance of coursework to everyday life*	3.13	-	-	-	0.99	3.13	-	-	-0.62	0.99		
	3.13	2.64	1.63	0.62	0.55		2.64	1.63				
Inst Satisfaction: Relevance of coursework to future career plans*	2 5 2	-	-	-	0.67	3.52	-	-	-0.78	0.67		
	3.52		1.59	0.78	0.07		2.51	1.59				
Satisfaction: First-year programs*	0.91	-	-	-	1.58							
	0.91	4.49	2.84	0.79	1.56							
Campus Satisfaction: Courses in your major field						1.54	-	-	-1.67	0.44		
		-			-		3.67	2.36				

^{* &}quot;Can't rate" option coded as missing on YFCY; ** "Can't rate" option coded as missing on YFCY and CSS

Missing

YFCY VeryDissatisfied Please rate your Dissatistied satisfaction with your Satisfied Weitral college in each area: General education and core curriculum courses Relevance of coursework 000 to everyday life Relevance of coursework 0000 to future career plans First-year programs (e.g., 000 first-year seminar, learning community)



Overall Satisfaction

A unified measure of students' satisfaction with the college experience.

	YFCY						CSS				
	А	B1	B2	В3	B4		A	В1	B2	В3	B4
Satisfaction: Your overall academic experience*	1.88	-3.46	-2.44	-1.36	0.78						
Inst Satisfaction: Overall quality of instruction*	1.69	-3.76	-2.57	-1.32	0.89		1.69	-3.76	-2.57	-1.32	0.89
Inst Satisfaction: Overall college experience*	3.69	-2.42	-1.74	-0.94	0.45		3.69	-2.42	-1.74	-0.94	0.45
If you could make your college choice over, would you still choose to enroll at your current (or most recent) college?**	1.93	-2.34	-1.42	-1.11	0.15		1.90	-2.16	-1.07	0.31	

^{* &}quot;Can't rate" option coded as missing on YFCY; ** On YFCY, additional response option of "not sure yet" coded as middle (neutral) category

YFCY

Please rate your satisfaction with your college in each area:	Very Satisfied Heutral Discatisfied Discatisfied	CSS Please rate your satisfaction with your college in each area:
Your overall academic experience	00000	
Overall quality of instruction		aso isfile itto sati adi
Overall college experience	00000	Very Satisfied Heart dissatisfied Very dissatisfied
		Overall quality of instruction OOOO
	Missing	Overall college experience
If you could make your college choice of	over, would you still choose to	
enroll at your current college?		If you could make your college choice over, would you
Definitely yes O		still choose to enroll at your current college?
Probably yes O		Definitely yes
Not sure yet \bigcirc		Probably yes O
Probably not		· · · · · · · · · · · · · · · · · · ·
, <u> </u>		Probably not O
Definitely not O		Definitely not O



Pluralistic Orientation

Measures skills and dispositions appropriate for living and working in a diverse society.

		TFS & YFCY				CSS				
	Α	B1	B2	В3	B4	<i> </i>	B1	B2	ВЗ	B4
Diversity Rating: Ability to see the world from someone else's perspective	1.99	-3.96	-2.68	-0.62	1.07	2.	5 -3.68	-2.62	-0.83	0.75
Diversity Rating: Tolerance of others with different beliefs	2.52	-3.31	-2.30	-0.78	0.66	3.3	5 -2.9	-2.17	-0.77	0.66
Diversity Rating: Openness to having my own views challenged	2.29	-3.10	-1.93	-0.35	1.11	2.	6 -3.06	-1.93	-0.39	1.03
Diversity Rating: Ability to discuss and negotiate controversial issues	2.11	-3.46	-2.12	-0.49	0.98	2.:	1 -3.46	-2.12	-0.49	0.98
Diversity Rating: Ability to work cooperatively with diverse people	2.60	-3.45	-2.63	-0.90	0.61	3.:	.4 -3.17	' -2.53	-0.87	0.62

TFS, YFCY & CSS

Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.	tienest 10% wetake lun kuetake 10%
Ability to see the world from someone else's perspective	0000
Tolerance of others with different beliefs	0000
Openness to having my own views challenged	0000
Ability to discuss and negotiate controversial issues	0000
Ability to work cooperatively with diverse people	0000



Positive Cross-Racial Interaction

A unified measure of students' level of positive interaction with diverse peers.

YFCY, CSS					
	A	B1	B2	В3	B4
Ethnic Experience: Dined or shared a meal	2.72	-1.72	-0.87	0.00	0.74
Ethnic Experience: Had meaningful and honest discussions about race/ethnic relations outside of class	2.46	-1.20	-0.33	0.55	1.32
Ethnic Experience: Shared personal feelings and problems	3.52	-1.21	-0.52	0.30	1.08
Ethnic Experience: Had intellectual discussions outside of class	3.57	-1.18	-0.53	0.29	1.09
Ethnic Experience: Studied or prepared for class	2.22	-1.26	-0.54	0.33	1.11
Ethnic Experience: Socialized or partied	2.12	-1.59	-0.82	0.14	1.07

YFCY & CSS

To what extent have you experienced the following with students from a racial/ethnic group other than your own?	Very Often Sometimes Heyet
Dined or shared a meal	0000
Had meaningful and honest discussions about race/ethnic relations outside of class	0000
Shared personal feelings and problems	0000
Had intellectual discussions outside of class	0000
Studied or prepared for class	0000
Socialized or partied	0000



Negative Cross-Racial Interaction

A unified measure of students' level of negative interaction with diverse peers.

YFCY, CSS					
	A	B1	B2	В3	B4
Ethnic Experience: Had guarded, cautious interactions	2.10	-0.50	0.54	1.62	2.43
Ethnic Experience: Had tense, somewhat hostile interactions	3.81	0.21	0.94	1.65	2.26
Ethnic Experience: Felt insulted or threatened because of race/ethnicity	2.63	0.55	1.22	1.94	2.57

YFCY & CSS

To what extent have you experienced the following with students from a racial/ethnic group other than your own?	Very often sometimes sedom werer
Had guarded, cautious interactions	0000
Had tense, somewhat hostile interactions	0000
Felt insulted or threatened because of race/ethnicity	0000



Social Agency

Measures the extent to which students value political and social involvement as a personal goal.

TFS, YFCY, CSS					
	A	B1	B2	В3	B4
Goal: Keeping up to date with political affairs	1.42	-1.50	0.21	1.72	8.25
Goal: Participating in a community action program	2.64	-0.99	0.39	1.55	6.74
Goal: Influencing social values	1.62	-1.64	-0.01	1.61	7.56
Goal: Becoming a community leader	2.06	-1.03	0.32	1.55	7.70
Goal: Helping others who are in difficulty	1.36	-3.36	-1.12	0.80	7.20
Goal: Helping to promote racial understanding	2.15	-1.08	0.33	1.51	7.76

TFS, YFCY & CSS

Veryimportant Important Indicate the importance to you personally of each of the following: Mot Indorant Keeping up to date with political affairs Participating in a community action program Influencing social values Becoming a community leader Helping others who are in difficulty Helping to promote racial understanding



Sense of Belonging

Measures the extent to which students feel a sense of academic and social integration on campus.

		YFCY			CSS			
	A	B1	B2	В3	А	B1	B2	В3
Inst Opinion: I see myself as part of the campus community	2.95	-2.16	-1.20	0.81	3.13	-2.13	-1.08	0.90
Inst Opinion: I feel I am a member of this college	5.10	-2.19	-1.40	0.49	5.10	-2.19	-1.40	0.49
Inst Opinion: I feel a sense of belonging to this campus	4.62	-1.99	-1.04	0.70	4.62	-1.99	-1.04	0.70
Inst Opinion: If asked, I would recommend this college to others	2.50	-2.51	-1.62	0.22	2.33	-2.36	-1.43	0.38

YFCY & CSS



Leadership

A united measure of students' beliefs about their leadership development, leadership capacity, and experiences as a leader.

YFCY, CSS					
	A	B1	B2	В3	B4
Change: Leadership ability	1.31	-5.10	-3.43	-1.01	0.89
Self Rating: Leadership ability	1.33	-4.55	-2.63	-0.60	1.23
Opinion: I have effectively led a group to a common purpose	1.79	-2.05	-0.47	1.35	
Act in College: Participated in leadership training	1.62	0.95			
Act in College: Been a leader in an organization	2.30	0.44			

YFCY & CSS Compared with when you first entered this college, how would you now MoChange Stronger Meaker describe your: Leadership Ability Above Average BelonAverage Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see Average yourself: Leadership ability Skonsky Disables Please indicate the extent to which you agree or disagree with the following statements: I have effectively led a group to a common purpose Since entering this college, have you: Participated in leadership training Been a leader in an organization



Civic Awareness

Measures changes in students' understanding of the issues facing their community, nation, and the world.

			YFCY					CSS		
	Α	B1	B2	В3	B4	A	B1	B2	В3	B4
Change: Understanding of the problems facing your community	2.09	-3.68	-2.61	-0.62	1.13	2.09	-3.68	-2.61	-0.62	1.13
Change: Understanding of global issues	3.32	-2.92	-2.01	-0.59	0.89	3.32	-2.92	-2.01	-0.59	0.89
Change: Understanding of national issues	8.18	-2.68	-1.75	-0.52	0.91	6.00	-2.65	-1.70	-0.46	1.01

YFCY & CSS

Compared with when you <u>entered</u> this college, how would you now describe your:	unch stronger dio Change unch meaker
Understanding of the problems facing your community	0000
Understanding of national issues	00000
Understanding of global issues	0000



College Reputation Orientation

Measures the degree to which students value academic reputation and future career potential as a reason for choosing this college.

TFS			
	A	B1	B2
Choose to Attend: This college has a very good academic reputation	1.56	-2.66	-0.74
Choose to Attend: This college's graduates gain admission to top graduate/professional schools	2.67	-0.90	0.31
Choose to Attend: This college's graduates get good jobs	4.88	-1.27	-0.21

TFS

VeryImportant Important Below are some reasons that might have influenced your decision to attend this particular college. How important was each reason in your decision to come here? This college has a very good academic reputation This college's graduates gain admission to top graduate/professional schools This college's graduates get good jobs



Ease of Academic Adjustment to College

Measures the ease with which students adjust to the academic demands of college.

YFCY				
	Α	B1	B2	В3
Easy: Understand what your professors expect of you academically	1.29	-4.11	-1.55	1.01
Easy: Develop effective study skills	3.06	-1.86	-0.40	1.12
Easy: Adjust to the academic demands of college	3.27	-1.85	-0.44	0.92
Easy: Manage your time effectively	2.67	-1.56	-0.08	1.32

YFCY	
Since entering this college, how has it been to:	Very Difficult Somewhat Difficult 254
	16 30, 30, 16
Understand what your professors expect of you academically	0000
Develop effective study skills	0000
Adjust to the academic demands of college	0000
Manage your time effectively	0000



Likelihood of College Involvement

A unified measure of students' expectations about their involvement in college life generally.

TFS				
	A	B1	B2	В3
Future Act: Socialize with someone of another racial/ethnic group	2.56	-2.24	-1.25	-0.01
Future Act: Participate in a study abroad program	1.66	-3.15	-1.86	-0.07
Future Act: Participate in a volunteer or community service work	1.65	-3.35	-2.26	-0.67
Future Act: Participate in student government	1.52	-2.43	-0.98	0.64
Future Act: Participate in student clubs/groups	1.21	-2.22	-0.78	0.66

Very Some Very Little Chance **TFS** What is your best guess as to the chances that you will: Socialize with someone of another racial/ethnic group Participate in a study abroad program Participate in a volunteer or community service work Participate in student government Participate in student clubs/groups



Academic Self-Concept

A unified measure of students' beliefs about their abilities and confidence in academic environments.

TFS, YFCY, CSS					
	Α	B1	B2	В3	B4
Self Rating: Academic ability	3.01	-3.57	-2.57	-0.75	0.83
Self Rating: Drive to achieve	1.18	-5.57	-3.51	-1.28	0.73
Self Rating: Mathematical ability	1.14	-3.53	-1.59	0.16	1.98
Self Rating: Self-confidence (intellectual)	1.51	-4.25	-2.47	-0.51	1.29

TFS, YFCY & CSS

Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself:

Academic ability

Drive to achieve

Mathematical ability

Self-confidence (intellectual)



Social Self-Concept

A unified measure of students' beliefs about their abilities and confidence in social situations.

		TFS			YFCY, CSS					
	А	B1	B2	В3	В4	A	B1	B2	В3	B4
Self Rating: Leadership ability	2.36	-3.26	-1.92	-0.46	0.94	2.36	-3.26	-1.92	-0.46	0.94
Self Rating: Public speaking ability	1.84	-3.21	-1.61	-0.10	1.37	1.84	-3.21	-1.61	-0.10	1.37
Self Rating: Self-confidence (social)	1.69	-3.40	-2.03	0.33	2.01	1.69	-3.40	-2.03	0.33	2.01
Self Rating: Popularity	1.77	-2.65	-1.19	0.23	1.59	-				

TFS

Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself:	tighest 10% Average Delow Average 10%
Leadership ability	0000
Public speaking ability	0000
Self-confidence (social)	0000
Popularity	0000

YFCY, CSS

Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself:

as compared with the average person your age. We want the most accurate estimate of how you see yourself:	Highest 10% Average Delow Average 10%
Leadership ability	0000
Public speaking ability	0000
Self-confidence (social)	0000

