

**Survey of Entering Student Engagement (SENSE)
2015 Main Codebook**

Item	Variable	Responses
Survey number		
Survey number	SURVEYNO	
Item 1		
1. Have you taken this survey in another class this semester/quarter?	SRVAGAIN	1 = Yes 2 = No
Item 2		
2. Thinking about this semester/quarter, how would you describe your enrollment at this college?	ENRLMENT	1 = Less than full-time 2 = Full-time
Item 3		
3. Did you begin college at this college or elsewhere?	ENTER	1 = Started here 2 = Started elsewhere
Item 4: While in high school, did you earn college credit for one or more courses? (Mark all that apply)		
4a. No	NOHS	0 = No response 1 = Response
4b. Yes, at this college	THISC	0 = No response 1 = Response
4c. Yes, at a different college	DIFFC	0 = No response 1 = Response
4d. Yes, at my high school	MYHS	0 = No response 1 = Response
Item 5		
5. In addition to taking courses at this college, were/are you also enrolled at a 4-year college or university during your first semester/quarter?	OTHERENR	1 = Yes 2 = No
Item 6		
6. How many semesters/quarters have you been enrolled at this college?	TERMSEN	1 = This is my first semester/quarter 2 = This is my second semester/quarter 3 = This is my third semester/quarter 4 = This is my fourth semester/quarter 5 = I have been enrolled more than four semesters/quarters

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Item	Variable	Responses
Item 7		
7. How many courses did you enroll in for your first semester/quarter at this college?	COURSENO	1 = One 2 = Two 3 = Three 4 = Four or more
Item 8		
8. Did you add or drop any classes within the first three weeks of your first semester/quarter at this college?	ADDROP	1 = Yes, without discussing my decision with a college staff member or instructor 2 = Yes, after discussing my decision with a college staff member or instructor 3 = No, I did not add or drop any courses
Item 9		
9. Of the courses you enrolled in during your first semester/quarter at this college, how many did you drop after the first day of class?	DROPNO	1 = None 2 = One 3 = Two 4 = Three 5 = Four or more
Item 10		
10. When did you register for your courses for your first semester/quarter at this college?	REGCLASS	1 = More than one week before classes began 2 = During the week before classes began 3 = During the first week of classes 4 = After the first week of classes
Item 11: The following statements are about this college's orientation for new students. (Mark all that apply)		
11a. I took part in an online orientation prior to the beginning of classes	ONLORIEN	0 = No response 1 = Response
11b. I attended an on-campus orientation prior to the beginning of classes	ONCORIEN	0 = No response 1 = Response
11c. I enrolled in an orientation course as part of my course schedule during my first semester/quarter at this college	CSORIEN	0 = No response 1 = Response
11d. I was not aware of a college orientation	NWORIEN	0 = No response 1 = Response

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Item 11: The following statements are about this college's orientation for new students.(Mark all that apply)		
11e. I was unable to participate in orientation due to scheduling or other issues	UNAORIEN	0 = No response 1 = Response
Item 12: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter.		
12a. Before I could register for classes, I was required to take a placement test (COMPASS, ASSET, ACCUPLACER, SAT, ACT, etc.) to assess my skills in reading, writing, and/or math	REQPTEST	1 = Yes 2 = No
12b. I took a placement test (COMPASS, ASSET, ACCUPLACER, SAT, ACT, etc.)	TKPTEST	1 = Yes 2 = No
12c. I was exempt from taking a placement test at this college	EXPTEST	1 = Yes 2 = No
Item 13: My placement test scores indicated that I needed to take a Developmental course (also referred to as Basic Skills, College Prep, etc.) in the following areas. (Mark all that apply)		
13a. Didn't take a placement test	NOTEST	0 = No response 1 = Response
13b. Developmental Reading	NEEDREAD	0 = No response 1 = Response
13c. Developmental Writing	NEEDWRIT	0 = No response 1 = Response
13d. Developmental Math	NEEDMATH	0 = No response 1 = Response
13e. Didn't place into any Developmental courses	NEEDNONE	0 = No response 1 = Response
Item 14		
14. This college required me to enroll in classes indicated by my placement test scores during my first semester/quarter	REQCLASS	1 = Yes 2 = No
Item 15: With regard to financial assistance (scholarships, grants, or loans, etc.) to help with your college costs:		
15a. I applied for financial assistance	APPLIED	1 = Yes 2 = No
15b. I was notified I was eligible to receive financial assistance	OFFERED	1 = Yes 2 = No

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Item 15: With regard to financial assistance (scholarships, grants, or loans, etc.) to help with your college costs:		
15c. I received financial assistance funds before classes began	RECEIVED	1 = Yes 2 = No
Item 16		
16. When did you first apply for financial assistance?	TIMEAPPL	1 = 3 or more months before classes began 2 = 1 to 2 months before classes began 3 = Less than 1 month before classes began 4 = After classes began 5 = I did not apply for financial assistance
Item 17: In which of the following types of courses were you enrolled during your first semester/quarter at this college?		
17a. Developmental Reading (also referred to as Basic Skills, College Prep, etc.)	EDCPR	1 = Enrolled 2 = Not enrolled
17b. Developmental Writing (also referred to as Basic Skills, College Prep, etc.)	EDCPW	1 = Enrolled 2 = Not enrolled
17c. Developmental Math (also referred to as Basic Skills, College Prep, etc.)	EDCPM	1 = Enrolled 2 = Not enrolled
17d. An English course taught specifically for students whose first language is not English (ESL, ESOL)	ENRLENG	1 = Enrolled 2 = Not enrolled
17e. A course specifically designed to teach skills and strategies to help students succeed in college (e.g., a college success or student success course)	ENRLSSDC	1 = Enrolled 2 = Not enrolled
17f. An organized "learning community" (two or more courses that a group of students take together)	ENRLOLC	1 = Enrolled 2 = Not enrolled
Item 18: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter.		
18a. The very first time I came to this college I felt welcome	WELCOME	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree

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Item	Variable	Responses
Item 18: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter.		
18b. The instructors at this college want me to succeed	WNTSCCD	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18c. All the courses I needed to take during my first semester/quarter were available at times convenient for me	CONVTIME	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18d. I was able to meet with an academic advisor at times convenient for me	AACONTIM	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18e. An advisor helped me to select a course of study, program, or major	AASELMAJ	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18f. An advisor helped me to set academic goals and to create a plan for achieving them	ACADGOAL	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18g. An advisor helped me to identify the courses I needed to take during my first semester/quarter	CRSADV	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree

Please note the following for the *SENSE* dataset: Invalid responses are coded as missing, represented by "." or an empty cell.

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Item	Variable	Responses
Item 18: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter.		
18h. A college staff member talked with me about my commitments outside of school (work, children, dependents, etc.) to help me figure out how many courses to take	OSCOMM	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18i. The college provided me with adequate information about financial assistance (scholarships, grants, loans, etc.)	FAINFO	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18j. A college staff member helped me determine whether I qualified for financial assistance	QUALFA	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18k. All instructors had activities to introduce students to one another	ACTINTRO	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18l. All instructors clearly explained academic and student support services available at this college	RESOURCE	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18m. All instructors clearly explained course grading policies	GRADEPOL	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree

Please note the following for the *SENSE* dataset: Invalid responses are coded as missing, represented by "." or an empty cell.

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Item	Variable	Responses
Item 18: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter.		
18n. All instructors clearly explained course syllabi (syllabuses)	SYLLABI	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18o. I knew how to get in touch with my instructors outside of class	FACMEET	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18p. At least one college staff member (other than an instructor) learned my name	CSTAFNAM	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18q. At least one other student whom I didn't previously know learned my name	OSTUDNAM	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18r. At least one instructor learned my name	FACNAM	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18s. I learned the name of at least one other student in most of my classes	STUNAM	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree

Please note the following for the *SENSE* dataset: Invalid responses are coded as missing, represented by "." or an empty cell.

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Item	Variable	Responses
Item 18: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter.		
18t. I have the motivation to do what it takes to succeed in college	ITTAKES	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
18u. I am prepared academically to succeed in college	ACPRPRD	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
Item 19: During the first three weeks of your first semester/quarter at this college, about how often did you do the following?		
19a. Ask questions in class or contribute to class discussions	ASKQUES	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19b. Prepare at least two drafts of a paper or assignment before turning it in	PREPDRFT	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19c. Turn in an assignment late	LATETURN	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19d. Not turn in an assignment	NOTTURN	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times

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Item 19: During the first three weeks of your first semester/quarter at this college, about how often did you do the following?		
19e. Participate in supplemental instruction (extra class sessions with an instructor, tutor, or experienced student)	SUPINSTR	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19f. Come to class without completing readings or assignments	NOTCOMPL	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19g. Work with other students on a project or assignment during class	PINCLASS	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19h. Work with classmates outside of class on class projects or assignments	PREPOUTC	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19i. Participate in a required study group outside of class	GRPSTUDY	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19j. Participate in a student-initiated (not required) study group outside of class	NRGSTUDY	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19k. Use an electronic tool (e-mail, text messaging, Facebook, MySpace, class Web site, etc.) to communicate with another student about coursework	USEINTMG	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times

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Item	Variable	Responses
Item 19: During the first three weeks of your first semester/quarter at this college, about how often did you do the following?		
19l. Use an electronic tool (e-mail, text messaging, Facebook, MySpace, class Web site, etc.) to communicate with an instructor about coursework	MAILFAC	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19m. Discuss an assignment or grade with an instructor	FACASSN	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19n. Ask for help from an instructor regarding questions or problems related to a class	CLASSREL	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19o. Receive prompt written or oral feedback from instructors on your performance	FEEDBACK	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19p. Receive grades or points on assignments, quizzes, tests, or papers, etc.	RCVGRDS	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19q. Discuss ideas from your readings or classes with instructors outside of class	FACIDOC	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
19r. Discuss ideas from your readings or classes with others (students, family, co-workers, etc.) outside of class	OCIDEAS	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times

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Item 19: During the first three weeks of your first semester/quarter at this college, about how often did you do the following?		
19s. Skip class	SKIPCL	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
Item 20.1: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter. Did you know about the following services?		
20.1a. Academic advising/planning	ACADPLNG	1 = Yes 2 = No
20.1b. Career counseling	CAREERC	1 = Yes 2 = No
20.1c. Job placement assistance	JOBPLACE	1 = Yes 2 = No
20.1d. Face-to-face tutoring	FFTUTOR	1 = Yes 2 = No
20.1e. Online tutoring	OLTUTOR	1 = Yes 2 = No
20.1f. Writing, math, or other skill lab	SKILLABS	1 = Yes 2 = No
20.1g. Financial assistance advising	FAADVS	1 = Yes 2 = No
20.1h. Computer lab	COMPLAB	1 = Yes 2 = No
20.1i. Student organizations	STUORGS	1 = Yes 2 = No
20.1j. Transfer credit assistance	TRANSFCR	1 = Yes 2 = No
20.1k. Services to students with disabilities	DISABSVS	1 = Yes 2 = No

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Item	Variable	Responses
Item 20.2: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter. How often did you use the following services?		
20.2a. Academic advising/planning	ACADPUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
20.2b. Career counseling	CARCUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
20.2c. Job placement assistance	JOBPLUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
20.2d. Face-to-face tutoring	FFTUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
20.2e. Online tutoring	OLTUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
20.2f. Writing, math, or other skill lab	SKLABUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
20.2g. Financial assistance advising	FAUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times

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Item	Variable	Responses
Item 20.2: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter. How often did you use the following services?		
20.2h. Computer lab	COMLBUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
20.2i. Student organizations	STORGUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
20.2j. Transfer credit assistance	TRNFCRAS	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
20.2k. Services to students with disabilities	DISVSUSE	1 = Never 2 = Once 3 = Two or three times 4 = Four or more times
Item 20.3: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter. How satisfied were you with the following services?		
20.3a. Academic advising/planning	ACADPSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very
20.3b. Career counseling	CARCSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very
20.3c. Job placement assistance	JOBPLSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very

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Item	Variable	Responses
Item 20.3: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter. How satisfied were you with the following services?		
20.3d. Face-to-face tutoring	FFTSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very
20.3e. Online tutoring	OLTSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very
20.3f. Writing, math, or other skill lab	SKLBSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very
20.3g. Financial assistance advising	FAADVSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very
20.3h. Computer lab	COMLBSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very
20.3i. Student organizations	STORGSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very
20.3j. Transfer credit assistance	TRCRASAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very

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Item	Variable	Responses
Item 20.3: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter. How satisfied were you with the following services?		
20.3k. Services to students with disabilities	DISVSAT	0 = Not applicable 1 = Not at all 2 = Somewhat 3 = Very
Item 21: Think about your experiences from the time of your decision to attend this college through the end of the first three weeks of your first semester/quarter. Within a class, or through another experience at this college:		
21a. I learned to improve my study skills (listening, note taking, highlighting readings, working with others, etc.)	LNDSTUDY	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
21b. I learned to understand my academic strengths and weaknesses	LNDACAWK	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
21c. I learned skills and strategies to improve my test-taking ability	LNSKLLS	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree
Item 22		
22. What has been your MAIN source of academic advising (help with academic goal-setting, planning, course recommendations, graduation requirements, etc.)?	PSOURACA	1 = Instructors 2 = College staff (not instructors) 3 = Friends, family, or other students 4 = Computerized degree advisor system 5 = College Web site 6 = Other college materials

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Item	Variable	Responses
Item 23		
23. Was a specific person assigned to you so you could see him/her each time you needed information or assistance?	ASNPERS	1 = Yes 2 = No
Item 24: During the first three weeks of your first semester/quarter at this college, about how many hours did you spend in a typical 7-day week doing each of the following?		
24a. Preparing for class	PREPCLAS	1 = None 2 = 1-5 hours 3 = 6-10 hours 4 = 11-20 hours 5 = 21-30 hours 6 = More than 30 hours
24b. Working for pay	WORKPAY	1 = None 2 = 1-5 hours 3 = 6-10 hours 4 = 11-20 hours 5 = 21-30 hours 6 = More than 30 hours
Item 25		
25. When do you plan to take classes at this college again?	AGAINCL	1 = I will accomplish my goal(s) during this semester/quarter and will not be returning 2 = I have no current plans to return 3 = Within the next 12 months 4 = Uncertain
Item 26: While in high school, did you:		
26a. Take math every school year?	MATHALLF	0 = Not applicable 1 = Yes 2 = No
26b. Take math during your senior year?	MATHSNYR	0 = Not applicable 1 = Yes 2 = No

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Item	Variable	Responses
Item 27		
27. Would you recommend this college to a friend or family member?	RECOCOLL	1 = Yes 2 = No
Item 28		
28. In what range was your overall high school grade average?	HSGRADE	1 = A 2 = A- to B+ 3 = B 4 = B- to C+ 5 = C 6 = C- or lower
Item 29		
29. Your sex	SEX	1 = Male 2 = Female
Item 30		
30. Mark your age group	AGENEW	2 = 18 to 19 3 = 20 to 21 4 = 22 to 24 5 = 25 to 29 6 = 30 to 39 7 = 40 to 49 8 = 50 to 64 9 = 65+
Item 31		
31. Are you married?	MARRSTAT	1 = Yes 2 = No
Item 32		
32. Do you have children who live with you and depend on you for their care?	CHILDREN	1 = Yes 2 = No
Item 33		
33. Is English your native (first) language?	ENGNAT	1 = Yes 2 = No

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Item	Variable	Responses
Item 34		
34. Are you an international student or nonresident alien?	INTERNAT	1 = Yes 2 = No
Item 35		
35. What is your racial/ethnic identification?	DIVERSIT	1 = American Indian or Native American 2 = Asian, Asian American, or Pacific Islander 3 = Native Hawaiian 4 = Black or African American, Non-Hispanic 5 = White, Non-Hispanic 6 = Hispanic, Latino, Spanish 7 = Other
Item 36		
36. What is the highest academic certificate or degree you have earned?	DEGREE	1 = None 2 = GED 3 = High school diploma 4 = Vocational/technical certificate 5 = Associate degree 6 = Bachelor's degree 7 = Master's/Doctoral/Professional degree
Item 37: Please indicate whether your goal(s) for attending this college include the following:		
37a. To complete a certificate	CERTPRGM	1 = Yes 2 = No
37b. To obtain an Associate degree	ASSOCDEG	1 = Yes 2 = No
37c. To transfer to a 4-year college or university	TR4YR	1 = Yes 2 = No
Item 38: Who in your family has attended at least some college? (Mark all that apply)		
38a. Mother	MOTHEd	0 = No response 1 = Response
38b. Father	FATHEd	0 = No response 1 = Response

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Item	Variable	Responses
Item 38: Who in your family has attended at least some college? (Mark all that apply)		
38c. Brother/Sister	SIBLINED	0 = No response 1 = Response
38d. Child	CHILDED	0 = No response 1 = Response
38e. Spouse/Partner	SPOUCED	0 = No response 1 = Response
38f. Legal Guardian	LGUARDED	0 = No response 1 = Response
38g. None of the above	NONED	0 = No response 1 = Response

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Item	Variable	Responses
The items below are course level data from the Course Schedule File.		
Course start date	SDATE	
Course end date	EDATE	
Campus location	CAMPLOC	
Course number	COURSENUM	
Section number	SECNO	
Course full name	COURNAME	
Building	BLDG	
Room	ROOM	
Class meeting days	MEETDAYS	
Instructor name	INSTRNAM	
Department	DEPART	
Maximum enrollment	MAXENROL	
Class start time	STIME	
Class end time	ETIME	
The items below are course level data from the Class Information Sheet.		
Survey administered by	SRVADMN	1 = Faculty 2 = Survey Administrator
Number of students in attendance	NUMSTU	
Total administration time: (in minutes)	ADMNTIME	
Administration date	ADMNDATE	
The items below are institutional characteristics.		
College size	SIZE	1 = Small 2 = Medium 3 = Large 4 = Extra-large
College urbanicity	LOCATION	1 = Urban 2 = Suburban 3 = Rural

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Item	Variable	Responses
The items below are derived <i>SENSE</i> variables.		
Entering / Returning students	RETURN	0 = Entering 1 = Returning
Record in primary sample or oversample (if applicable)	PSAMPLE	0 = Oversample 1 = Primary Sample
Traditional / Nontraditional age students	STUDAGE	1 = Traditional Age 2 = Nontraditional-Age
Enrolled in one or more developmental education classes	DEVELOPM	1 = Developmental 2 = Non-Developmental
First-Generation / Not First-Generation Students	FIRSTGEN	1 = First-Generation 2 = Not First-Generation
White / Non-Asian Minority Students	WHITEMIN	1 = White 2 = Non-Asian Minority
White / Hispanic, Latino, or Spanish Students	WHITEHIS	1 = White 2 = Hispanic, Latino, Spanish
White / Black or African American Students	WHITEBLK	1 = White 2 = Black or African American
Black or African-American / All Other Students	BLKMIN	1 = Black or African American 2 = All Others
The items below are the calculated weight and raw benchmarks.		
Institutional weight based on less than full-time/full-time enrollment	IWEIGHT	
Raw early connections benchmark score	EARLYCON	Scale of 0 to 1
Raw high expectations and aspirations benchmark score	HIEXPECT	Scale of 0 to 1
Raw clear academic plan and pathway benchmark score	ACADPLAN	Scale of 0 to 1
Raw effective track to college readiness benchmark score	COLLREAD	Scale of 0 to 1
Raw engaged learning benchmark score	ENGAGLRN	Scale of 0 to 1
Raw academic and social support network benchmark score	ACSOCSUP	Scale of 0 to 1

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Item	Variable
The items below are standardized benchmarks (i.e. standardized across the cohort to have a mean of 50 and standard deviation of 25 at the respondent level).	
Standardized early connections benchmark score	EARLYCON_STD
Standardized high expectations and aspirations benchmark score	HIEXPECT_STD
Standardized clear academic plan and pathway benchmark score	ACADPLAN_STD
Standardized effective track to college readiness benchmark score	COLLREAD_STD
Standardized engaged learning benchmark score	ENGAGLRN_STD
Standardized academic and social support network benchmark score	ACSOCSUP_STD