

**PAGE:****1. What grade do you expect (or did you receive) in this course?**

	<b>Response Percent</b>	<b>Response Count</b>
<b>A</b>	38.1%	773
<b>B</b>	<b>39.7%</b>	<b>806</b>
<b>C</b>	18.0%	365
<b>D</b>	3.2%	65
<b>F</b>	1.0%	21
	<b>answered question</b>	<b>2,030</b>
	<b>skipped question</b>	<b>9</b>

**2. Is Calculus II required for your intended major?**

	<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>	<b>65.9%</b>	<b>1,341</b>
<b>No</b>	24.7%	503
<b>I'm not sure</b>	9.4%	191
	<b>answered question</b>	<b>2,035</b>
	<b>skipped question</b>	<b>4</b>

**3. Do you intend to take Calculus II?**

	<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>	<b>78.6%</b>	<b>1,598</b>
	<b>answered question</b>	<b>2,032</b>
	<b>skipped question</b>	<b>7</b>

**3. Do you intend to take Calculus II?**

<b>No</b>	15.4%	313
<b>I'm not sure</b>	6.0%	121
<b>answered question</b>		<b>2,032</b>
<b>skipped question</b>		<b>7</b>

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**4. If you do not intend to take Calculus II, check all reasons that apply.**

	<b>Response Percent</b>	<b>Response Count</b>
<b>I never intended to take Calculus II.</b>	<b>54.5%</b>	<b>216</b>
<b>I changed my major and now do not need to take Calculus II.</b>	23.5%	93
<b>My experience in Calculus I made me decide not to take calculus II.</b>	32.8%	130
<b>I have too many other courses I need to complete.</b>	36.9%	146
<b>To do well in Calculus II, I would need to spend more time and effort than I can afford.</b>	34.1%	135
<b>My grade in Calculus I was not good enough for me to continue to Calculus II.</b>	12.4%	49
<b>I do not believe I understand the ideas of Calculus I well enough to take Calculus II.</b>	22.5%	89
<b>answered question</b>		<b>396</b>
<b>skipped question</b>		<b>1,643</b>

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<b>5. When you started this class, did you intend to take Calculus II?</b>	<b>answered question</b>	<b>1,839</b>
	<b>skipped question</b>	<b>200</b>

5. When you started this class, did you intend to take Calculus II?

	Response Percent	Response Count
Yes	76.2%	1,401
No	13.1%	240
I wasn't sure	10.8%	198
<b>answered question</b>		<b>1,839</b>
<b>skipped question</b>		<b>200</b>

6. Select the appropriate response to each of the following:

	Strongly Disagree	Disagree	Slightly Disagree	Slightly Agree	Agree	Strongly Agree	Response Count
<b>This course has increased my interest in taking more mathematics.</b>	9.6% (192)	16.1% (321)	19.5% (388)	<b>27.8%</b> <b>(554)</b>	19.2% (383)	7.6% (152)	1,990
<b>I am confident in my mathematical abilities.</b>	2.4% (47)	5.9% (117)	10.7% (213)	25.5% (507)	<b>42.9%</b> <b>(852)</b>	12.7% (252)	1,988
<b>I am good at computing derivatives and integrals.</b>	1.5% (30)	2.7% (53)	6.1% (122)	24.9% (495)	<b>46.6%</b> <b>(925)</b>	18.1% (360)	1,985
<b>I am able to use ideas of calculus (e.g., differentiation, integration) to solve word problems that I have not seen before.</b>	3.7% (74)	7.7% (154)	13.6% (271)	32.8% (652)	<b>33.4%</b> <b>(664)</b>	8.7% (173)	1,988
<b>My previous math courses prepared me to succeed in this course.</b>	5.0% (99)	7.1% (140)	9.7% (193)	21.6% (428)	<b>31.5%</b> <b>(626)</b>	25.1% (499)	1,985
<b>I enjoy doing mathematics.</b>	7.3% (144)	8.1% (160)	11.9% (236)	27.5% (546)	<b>30.3%</b> <b>(601)</b>	15.0% (298)	1,985
<b>Mathematics is about getting exact answers to</b>	2.8% (55)	10.6% (210)	16.2% (323)	<b>31.7%</b> <b>(630)</b>	28.5% (568)	10.3% (204)	1,990
<b>answered question</b>							<b>1,992</b>
<b>skipped question</b>							<b>47</b>

6. Select the appropriate response to each of the following:

specific problems.

answered question 1,992

skipped question 47

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7. Please select the most appropriate response below.

	A Not at all certain 1	2	3	B Very certain 4	Rating Average	Response Count
How certain are you in what you intend to do after college?	10.1% (198)	19.2% (377)	38.5% (754)	32.2% (630)	2.93	1,959
					answered question	1,959
					skipped question	80

8. Please select the most appropriate response below.

	A I try hard to figure it out on my own 1	2	3	B I quickly seek help or give up trying 4	Rating Average	Response Count
When experiencing a difficulty in my math class:	25.9% (508)	49.7% (973)	20.6% (404)	3.8% (74)	2.02	1,959
					answered question	1,959
					skipped question	80

9. Please select the most appropriate response below.

answered question 1,962

skipped question 77

9. Please select the most appropriate response below.

	A a natural part of solving the problem 1	2	3	B an indication of my weakness in mathematics 4	Rating Average	Response Count
<b>For me, making unsuccessful attempts when solving a mathematics problem is:</b>	26.5% (519)	<b>40.0%</b> <b>(785)</b>	25.2% (495)	8.3% (163)	2.15	1,962
				<b>answered question</b>		<b>1,962</b>
				<b>skipped question</b>		<b>77</b>

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10. Please select the most appropriate response below.

	A solve specific kinds of problems 1	2	3	B make connections and form logical arguments 4	Rating Average	Response Count
<b>My success in mathematics PRIMARILY relies on my ability to:</b>	13.0% (250)	30.9% (592)	<b>37.9%</b> <b>(727)</b>	18.2% (349)	2.61	1,918
				<b>answered question</b>		<b>1,918</b>
				<b>skipped question</b>		<b>121</b>

11. Please select the most appropriate response below.

	A I understand	2	3	B I can do	Rating Average	Response Count
				<b>answered question</b>		<b>1,926</b>
				<b>skipped question</b>		<b>113</b>

11. Please select the most appropriate response below.

	the covered material 1			things the way the teacher wants 4			
<b>My score on my mathematics exam is a measure of how well:</b>	33.0% (636)	<b>38.1% (733)</b>	17.2% (331)	11.7% (226)	2.08	1,926	
						<b>answered question</b>	<b>1,926</b>
						<b>skipped question</b>	<b>113</b>

12. Please select the most appropriate response below.

	A I would never take another mathematics course. 1		2	3	B I would continue to take mathematics. 4		Rating Average	Response Count
<b>If I had a choice:</b>	18.2% (350)	21.8% (420)		28.4% (547)	31.6% (608)	2.73	1,925	
						<b>answered question</b>	<b>1,925</b>	
						<b>skipped question</b>	<b>114</b>	

13. Please select the most appropriate response below.

	A memorize it the way it is presented. 1		2	3	B make sense of the material so I understand it.		Rating Average	Response Count
							<b>answered question</b>	<b>1,921</b>
							<b>skipped question</b>	<b>118</b>

13. Please select the most appropriate response below.

	4					
<b>When studying Calculus I in a textbook or course materials, I tend to:</b>	6.5% (125)	18.3% (351)	<b>37.6% (723)</b>	37.6% (722)	3.06	1,921
	<b>answered question</b>					<b>1,921</b>
	<b>skipped question</b>					<b>118</b>

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14. Please select the most appropriate answer below:

	<b>A</b> understand underlying mathematical ideas 1	2	3	<b>B</b> find answers to problems 4	Rating Average	Response Count
<b>When solving mathematics problems, graphing calculators or computers help me to:</b>	17.3% (326)	27.6% (521)	<b>34.6% (654)</b>	20.5% (387)	2.58	1,888
	<b>answered question</b>					<b>1,888</b>
	<b>skipped question</b>					<b>151</b>

15. Please select the most appropriate response below.

	<b>A</b> work problems so students know how to do them 1	2	3	<b>B</b> help students learn to reason through problems on their own 4	Rating Average	Response Count
	<b>answered question</b>					<b>1,898</b>
	<b>skipped question</b>					<b>141</b>

15. Please select the most appropriate response below.

The primary role of a mathematics instructor is to:	10.0% (189)	22.7% (430)	<b>36.9% (700)</b>	30.5% (579)	2.88	1,898	
						<b>answered question</b>	<b>1,898</b>
						<b>skipped question</b>	<b>141</b>

16. Please select the most appropriate response below.

	A waited for a student to answer 1	2	3	B answered the question if no one responded quickly 4	Rating Average	Response Count	
When my Calculus instructor asked a question addressed to the whole class, s/he:	23.0% (436)	<b>39.9% (758)</b>	25.2% (479)	11.9% (226)	2.26	1,899	
						<b>answered question</b>	<b>1,899</b>
						<b>skipped question</b>	<b>140</b>

17. Please select the most appropriate response below.

	A solved the problem for me 1	2	3	B helped me figure out how to solve the problem 4	Rating Average	Response Count	
When I asked a question about a problem I was	7.5% (141)	16.4% (309)	<b>39.3% (740)</b>	36.8% (694)	3.05	1,884	
						<b>answered question</b>	<b>1,884</b>
						<b>skipped question</b>	<b>155</b>



17. Please select the most appropriate response below.

having difficulty solving,  
my instructor:

answered question **1,884**  
skipped question **155**

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18. My Calculus instructor:

	Strongly Disagree	Disagree	Slightly Disagree	Slightly Agree	Agree	Strongly Agree	Response Count
asked questions to determine if I understood what was being discussed.	3.1% (57)	7.2% (133)	9.9% (183)	24.9% (461)	<b>40.6%</b> <b>(751)</b>	14.3% (265)	1,850
listened carefully to my questions and comments.	2.7% (49)	4.0% (73)	5.4% (100)	21.3% (393)	<b>42.1%</b> <b>(777)</b>	24.6% (455)	1,847
discussed applications of calculus.	1.9% (35)	3.5% (65)	7.5% (139)	23.2% (429)	<b>41.6%</b> <b>(770)</b>	22.2% (411)	1,849
allowed time for me to understand difficult ideas.	4.2% (78)	7.2% (133)	11.8% (217)	25.8% (476)	<b>35.6%</b> <b>(657)</b>	15.4% (285)	1,846
helped me become a better problem solver.	3.5% (65)	6.0% (111)	11.0% (203)	27.6% (511)	<b>36.0%</b> <b>(667)</b>	15.9% (294)	1,851
provided explanations that were understandable.	3.7% (69)	4.6% (85)	8.8% (162)	22.2% (410)	<b>40.0%</b> <b>(741)</b>	20.7% (384)	1,851
was available to make appointments outside of office hours, if needed.	1.3% (24)	0.9% (17)	3.2% (59)	15.0% (276)	37.3% (686)	<b>42.3%</b> <b>(778)</b>	1,840
discouraged me from wanting to continue taking Calculus.	<b>35.6%</b> <b>(659)</b>	29.8% (552)	12.7% (235)	9.6% (177)	7.7% (143)	4.7% (87)	1,853
							answered question <b>1,855</b>
							skipped question <b>184</b>

## 19. During class time, how frequently did your instructor:

	Not at all 1	2	3	4	5	Very often 6	Rating Average	Response Count
show how to work specific problems?	0.4% (8)	2.5% (46)	6.3% (117)	16.8% (312)	32.5% (604)	<b>41.5%</b> <b>(770)</b>	5.03	1,857
have students work with one another?	27.8% (516)	9.2% (171)	7.7% (143)	12.0% (223)	15.2% (283)	<b>28.1%</b> <b>(523)</b>	3.62	1,859
hold a whole-class discussion?	<b>23.0%</b> <b>(428)</b>	11.0% (205)	11.3% (209)	14.3% (266)	18.9% (351)	21.4% (398)	3.59	1,857
have students give presentations?	<b>57.9%</b> <b>(1,074)</b>	12.8% (237)	10.5% (194)	8.9% (165)	6.3% (117)	3.6% (67)	2.04	1,854
have students work individually on problems or tasks?	16.1% (299)	12.1% (225)	15.3% (283)	<b>22.9%</b> <b>(424)</b>	19.7% (365)	13.9% (258)	3.60	1,854
lecture?	3.0% (56)	7.1% (132)	10.3% (191)	15.7% (292)	19.4% (361)	<b>44.4%</b> <b>(825)</b>	4.75	1,857
ask questions?	2.0% (37)	4.6% (85)	9.6% (178)	24.9% (461)	<b>34.7%</b> <b>(643)</b>	24.2% (449)	4.58	1,853
ask students to explain their thinking?	12.3% (227)	13.6% (252)	13.5% (249)	19.3% (357)	<b>22.4%</b> <b>(414)</b>	19.0% (352)	3.83	1,851
							<b>answered question</b>	<b>1,860</b>
							<b>skipped question</b>	<b>179</b>

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## 20. How frequently did your instructor?

	Not at all 1	2	3	4	5	Very often 6	Rating Average	Response Count
prepare extra material to help students understand calculus concepts or procedures?	9.5% (172)	12.9% (234)	15.4% (279)	<b>25.6%</b> <b>(464)</b>	21.0% (380)	15.7% (284)	3.83	1,813
							<b>answered question</b>	<b>1,816</b>
							<b>skipped question</b>	<b>223</b>

**20. How frequently did your instructor?**

<b>require you to explain your thinking on your homework?</b>	<b>19.9%</b> <b>(361)</b>	12.7% (230)	15.8% (286)	19.5% (353)	16.3% (295)	15.8% (287)	3.47	1,812
<b>require you to explain your thinking on exams?</b>	9.9% (179)	8.8% (159)	11.5% (207)	19.7% (355)	21.3% (385)	<b>28.8%</b> <b>(520)</b>	4.20	1,805
<b>assign sections in your textbook for you to read before coming to class?</b>	17.2% (311)	9.4% (170)	9.9% (180)	11.9% (216)	16.0% (289)	<b>35.6%</b> <b>(644)</b>	4.07	1,810
<b>answered question</b>								<b>1,816</b>
<b>skipped question</b>								<b>223</b>

**21. My Calculus instructor:**

	<b>Strongly Disagree</b>	<b>Disagree</b>	<b>Slightly Disagree</b>	<b>Slightly Agree</b>	<b>Agree</b>	<b>Strongly Agree</b>	<b>Response Count</b>
<b>made students feel nervous during class.</b>	<b>38.9%</b> <b>(706)</b>	34.5% (626)	12.4% (226)	8.0% (145)	3.9% (70)	2.4% (43)	1,816
<b>encouraged students to enroll in Calculus II.</b>	3.7% (66)	8.6% (156)	14.2% (256)	28.2% (509)	<b>28.5%</b> <b>(514)</b>	16.8% (303)	1,804
<b>acted as if I was capable of understanding the key ideas of calculus.</b>	1.8% (32)	2.5% (46)	6.0% (108)	20.3% (369)	<b>46.7%</b> <b>(848)</b>	22.7% (411)	1,814
<b>made me feel comfortable in asking questions during class.</b>	3.1% (57)	4.5% (82)	9.3% (169)	20.5% (373)	<b>38.5%</b> <b>(700)</b>	24.0% (436)	1,817
<b>encouraged students to seek help during office hours.</b>	1.0% (18)	1.5% (27)	6.7% (122)	15.5% (281)	<b>39.0%</b> <b>(708)</b>	36.4% (661)	1,817
<b>presented more than one method for solving problems.</b>	2.4% (44)	4.1% (75)	10.4% (188)	23.3% (422)	<b>37.2%</b> <b>(673)</b>	22.6% (409)	1,811
<b>did not speak English very well.</b>	<b>70.3%</b> <b>(1,277)</b>	10.2% (185)	4.2% (77)	6.2% (112)	4.2% (76)	4.9% (89)	1,816
<b>answered question</b>							<b>1,819</b>
<b>skipped question</b>							<b>220</b>

**21. My Calculus instructor:**

<b>made class interesting.</b>	6.7% (122)	7.7% (140)	11.1% (201)	26.3% (478)	<b>26.8%</b> <b>(486)</b>	21.4% (388)	1,815
						<b>answered question</b>	<b>1,819</b>
						<b>skipped question</b>	<b>220</b>

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**22. Indicate how often the following occurred.**

	Never	Some class sessions	About half the class sessions	Most class sessions	Every class session	Response Count	
<b>My instructor assigned homework.</b>	0.8% (14)	5.8% (105)	6.9% (124)	30.5% (552)	<b>56.1%</b> <b>(1,015)</b>	1,810	
<b>Homework was collected (either hard copy or online).</b>	<b>29.0%</b> <b>(527)</b>	21.5% (391)	10.0% (181)	22.9% (415)	16.6% (301)	1,815	
<b>My instructor gave a short quiz.</b>	<b>43.3%</b> <b>(784)</b>	27.1% (491)	14.1% (255)	11.0% (199)	4.5% (82)	1,811	
<b>My instructor used technology.</b>	21.7% (391)	21.7% (391)	15.2% (275)	19.6% (354)	<b>21.9%</b> <b>(395)</b>	1,806	
						<b>answered question</b>	<b>1,817</b>
						<b>skipped question</b>	<b>222</b>

**23. Which of the following technologies did you use during your calculus class? (Check all that apply)**

	Response Percent	Response Count
<b>None</b>	23.6%	425
<b>Graphing Calculator</b>	40.6%	731
	<b>answered question</b>	<b>1,800</b>
	<b>skipped question</b>	<b>239</b>

**23. Which of the following technologies did you use during your calculus class? (Check all that apply)**

<b>Computers</b>	<b>59.5%</b>	<b>1,071</b>
<b>Clickers or some other electronic response system</b>	12.5%	225
<b>answered question</b>		<b>1,800</b>
<b>skipped question</b>		<b>239</b>

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**24. How frequently were the following technologies used *during* class?**

	<b>Never</b>	<b>Some class sessions</b>	<b>About half the class sessions</b>	<b>Most class sessions</b>	<b>Every class session</b>	<b>Response Count</b>
<b>My instructor demonstrated mathematics with a graphing calculator.</b>	<b>64.7% (1,163)</b>	19.8% (356)	6.8% (122)	6.6% (118)	2.2% (39)	1,798
<b>I used a graphing calculator.</b>	<b>53.0% (952)</b>	19.8% (355)	9.6% (172)	11.9% (214)	5.8% (104)	1,797
<b>My instructor demonstrated mathematics with computer algebra system (e.g., Maple, Mathematica, MATLAB).</b>	<b>55.2% (990)</b>	22.3% (400)	10.7% (192)	8.4% (150)	3.5% (63)	1,795
<b>I used a computer algebra system (e.g., Maple, Mathematica, MATLAB).</b>	<b>61.0% (1,092)</b>	21.5% (384)	9.3% (166)	6.0% (107)	2.2% (40)	1,789
<b>answered question</b>						<b>1,801</b>
<b>skipped question</b>						<b>238</b>

**25. How did you use technology during your class? (Check only those that apply)**

<b>answered question</b>	<b>1,532</b>
<b>skipped question</b>	<b>507</b>

**25. How did you use technology during your class? (Check only those that apply)**

	<b>Response Percent</b>	<b>Response Count</b>
<b>To find answers to problems.</b>	63.2%	968
<b>To understand underlying mathematical ideas.</b>	57.4%	879
<b>To check written answers after I worked them out by hand</b>	<b>69.3%</b>	<b>1,061</b>
	<b>answered question</b>	<b>1,532</b>
	<b>skipped question</b>	<b>507</b>

**26. How did your instructor use technology during your class? (Check only those that apply)**

	<b>Response Percent</b>	<b>Response Count</b>
<b>To illustrate ideas.</b>	<b>75.5%</b>	<b>1,082</b>
<b>To find answers to problems.</b>	45.5%	652
<b>To check answers after we worked them out by hand.</b>	54.5%	781
<b>To illustrate motion/dynamic animations.</b>	30.2%	433
	<b>answered question</b>	<b>1,434</b>
	<b>skipped question</b>	<b>605</b>

**27. Does your calculator find the symbolic derivative of a function?**

	<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>	19.8%	353
<b>No</b>	<b>57.6%</b>	<b>1,026</b>
	<b>answered question</b>	<b>1,781</b>
	<b>skipped question</b>	<b>258</b>

**27. Does your calculator find the symbolic derivative of a function?**

<b>N/A (I don't use a calculator)</b>	<b>22.6%</b>	<b>402</b>
<b>answered question</b>		<b>1,781</b>
<b>skipped question</b>		<b>258</b>

**28. Were you allowed to use a graphing calculator during your exams?**

	<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>	<b>26.9%</b>	<b>482</b>
<b>No</b>	<b>73.1%</b>	<b>1,312</b>
<b>answered question</b>		<b>1,794</b>
<b>skipped question</b>		<b>245</b>

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**29. Assignments completed *outside of class time* were:**

	<b>Not at all 1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Very often 6</b>	<b>Response Count</b>
<b>completed and graded online.</b>	<b>47.6% (845)</b>	10.3% (182)	8.0% (142)	7.0% (124)	6.1% (108)	21.1% (374)	1,775
<b>graded and returned to me.</b>	24.7% (440)	6.2% (111)	6.8% (121)	7.9% (140)	11.4% (203)	<b>42.9% (764)</b>	1,779
<b>returned with helpful feedback/comments.</b>	<b>32.9% (583)</b>	11.6% (206)	12.7% (225)	15.1% (268)	14.9% (265)	12.8% (227)	1,774
<b>submitted as a group project.</b>	<b>50.9% (901)</b>	10.1% (179)	10.6% (187)	13.3% (235)	8.1% (143)	7.1% (126)	1,771
<b>challenging but doable.</b>	4.1% (72)	5.7% (102)	16.5% (292)	25.6% (455)	<b>30.4% (539)</b>	17.7% (314)	1,774
<b>answered question</b>							<b>1,786</b>
<b>skipped question</b>							<b>253</b>

**30. The assignments completed *outside of class time* required that I:**

	Not at all 1	2	3	4	5	Very often 6	Response Count
<b>solve word problems.</b>	2.0% (36)	3.1% (55)	10.7% (191)	26.3% (468)	<b>29.5%</b> <b>(525)</b>	28.5% (507)	1,782
<b>solve problems unlike those done in class or in the book.</b>	12.2% (216)	16.9% (299)	16.3% (289)	<b>20.5%</b> <b>(363)</b>	18.0% (320)	16.1% (286)	1,773
<b>use technology to understand ideas.</b>	<b>25.3%</b> <b>(448)</b>	22.5% (398)	17.6% (312)	18.5% (327)	9.8% (173)	6.4% (113)	1,771
<b>answered question</b>							<b>1,786</b>
<b>skipped question</b>							<b>253</b>

**31. The *exam questions* required that I solve:**

	Not at all 1	2	3	4	5	Very often 6	Response Count
<b>word problems.</b>	1.9% (33)	3.7% (65)	11.0% (195)	20.8% (370)	24.4% (434)	<b>38.3%</b> <b>(681)</b>	1,778
<b>problems unlike those done in class or in the book.</b>	19.2% (341)	<b>21.5%</b> <b>(381)</b>	17.5% (311)	18.1% (322)	12.5% (222)	11.2% (199)	1,776
<b>answered question</b>							<b>1,786</b>
<b>skipped question</b>							<b>253</b>

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**32. Please select the most appropriate response for each of the following.**

	Strongly Disagree	Disagree	Slightly Disagree	Slightly Agree	Agree	Strongly Agree	Response Count
<b>answered question</b>							<b>1,774</b>
<b>skipped question</b>							<b>265</b>



32. Please select the most appropriate response for each of the following.

<b>My Calculus exams were a good assessment of what I learned.</b>	4.8% (85)	7.2% (127)	9.7% (172)	21.3% (378)	<b>39.7%</b> <b>(703)</b>	17.4% (308)	1,773
<b>My exams were graded fairly.</b>	2.6% (46)	4.1% (73)	8.9% (157)	19.6% (348)	<b>42.3%</b> <b>(750)</b>	22.5% (400)	1,774
<b>My homework was graded fairly.</b>	3.4% (60)	3.1% (55)	5.3% (92)	17.2% (301)	<b>43.3%</b> <b>(757)</b>	27.7% (484)	1,749
<b>answered question</b>							<b>1,774</b>
<b>skipped question</b>							<b>265</b>

33. During class:

	Never	Some class sessions	About half the class sessions	Most class sessions	Every class session	Response Count
<b>I contributed to class discussions.</b>	19.5% (345)	<b>29.3%</b> <b>(518)</b>	18.7% (331)	22.5% (398)	10.0% (177)	1,769
<b>I was lost and unable to follow the lecture or discussion.</b>	34.6% (612)	<b>44.3%</b> <b>(785)</b>	10.0% (177)	8.5% (151)	2.6% (46)	1,771
<b>I asked questions.</b>	20.9% (369)	<b>39.6%</b> <b>(698)</b>	18.5% (327)	16.3% (287)	4.7% (82)	1,763
<b>I simply copied whatever was written on the board.</b>	16.8% (297)	<b>29.5%</b> <b>(522)</b>	15.3% (271)	22.6% (400)	15.7% (278)	1,768
<b>answered question</b>						<b>1,774</b>
<b>skipped question</b>						<b>265</b>

34. How often did you do the following?

	Never	Once a month	A few times a	Once a week	More than once	Response Count
<b>answered question</b>						<b>1,775</b>
<b>skipped question</b>						<b>264</b>

34. How often did you do the following?

			month		a week	
Read the textbook prior to coming to class.	<b>32.4%</b> (574)	14.6% (258)	19.4% (344)	17.8% (316)	15.8% (281)	1,773
Visit your instructor's office hours.	<b>45.0%</b> (797)	24.7% (437)	18.4% (326)	7.4% (132)	4.5% (80)	1,772
Use online tutoring.	<b>70.8%</b> (1,254)	6.1% (108)	10.8% (191)	6.9% (122)	5.4% (95)	1,770
Visit a tutor to assist with this course.	<b>57.5%</b> (1,019)	13.1% (233)	12.5% (222)	10.2% (181)	6.7% (118)	1,773
<b>answered question</b>						<b>1,775</b>
<b>skipped question</b>						<b>264</b>

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35. Check the box that describes your level of agreement with the following statements.

	Strongly Disagree	Disagree	Slightly Disagree	Slightly Agree	Agree	Strongly Agree	Response Count
The homework for the course helped me learn the material.	3.2% (56)	3.7% (65)	4.9% (87)	23.4% (411)	<b>40.7%</b> (716)	24.1% (425)	1,760
The textbook and/or class materials helped me learn the material.	5.6% (98)	5.9% (103)	8.1% (142)	27.6% (486)	<b>34.6%</b> (609)	18.3% (322)	1,760
The textbook or reading materials for the course were readable.	5.7% (99)	6.1% (107)	12.7% (222)	27.0% (473)	<b>34.4%</b> (603)	14.1% (247)	1,751
I completed all my assigned homework.	6.7% (118)	11.4% (200)	10.1% (177)	15.9% (279)	22.8% (400)	<b>33.2%</b> (583)	1,757
<b>answered question</b>							<b>1,765</b>
<b>skipped question</b>							<b>274</b>

36. Did you meet with other students to study or complete homework outside of class?

<b>answered question</b>	<b>1,765</b>
<b>skipped question</b>	<b>274</b>

**36. Did you meet with other students to study or complete homework outside of class?**

	<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>	<b>67.3%</b>	<b>1,188</b>
<b>No</b>	<b>32.7%</b>	<b>577</b>
	<b>answered question</b>	<b>1,765</b>
	<b>skipped question</b>	<b>274</b>

**37. Did you belong to a calculus study group organized by your instructor or department?**

	<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>	<b>9.1%</b>	<b>160</b>
<b>No</b>	<b>90.9%</b>	<b>1,605</b>
	<b>answered question</b>	<b>1,765</b>
	<b>skipped question</b>	<b>274</b>

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**38. Does your math department or university provide a walk-in tutor center for mathematics?**

	<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>	<b>93.3%</b>	<b>1,645</b>
<b>No</b>	<b>6.7%</b>	<b>118</b>
	<b>answered question</b>	<b>1,763</b>
	<b>skipped question</b>	<b>276</b>

**39. Approximately how many hours per week did you work at a job this semester/term?**

	<b>Response Percent</b>	<b>Response Count</b>
		<b>1,769</b>
	<b>skipped question</b>	<b>270</b>

**39. Approximately how many hours per week did you work at a job this semester/term?**

<b>0</b>	<b>58.8%</b>	<b>1,040</b>
<b>1-5</b>	<b>10.2%</b>	<b>181</b>
<b>6-10</b>	<b>9.8%</b>	<b>174</b>
<b>11-15</b>	<b>6.0%</b>	<b>106</b>
<b>16-20</b>	<b>3.7%</b>	<b>66</b>
<b>21-30</b>	<b>2.9%</b>	<b>51</b>
<b>More than 30</b>	<b>8.5%</b>	<b>151</b>
	<b>answered question</b>	<b>1,769</b>
	<b>skipped question</b>	<b>270</b>

**40. Approximately how many hours per week did you participate in organized extracurricular activities such as sports, college paper, or clubs?**

	<b>Response Percent</b>	<b>Response Count</b>
<b>0</b>	<b>16.5%</b>	<b>293</b>
<b>1-5</b>	<b>32.5%</b>	<b>575</b>
<b>6-10</b>	<b>18.2%</b>	<b>322</b>
<b>11-15</b>	<b>11.5%</b>	<b>204</b>
<b>16-20</b>	<b>9.1%</b>	<b>162</b>
<b>21-30</b>	<b>6.2%</b>	<b>109</b>
<b>More than 30</b>	<b>6.0%</b>	<b>106</b>
	<b>answered question</b>	<b>1,771</b>
	<b>skipped question</b>	<b>268</b>

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**41. Approximately how many hours per week did you spend preparing for all classes (studying, reading, writing, doing homework or lab work, analyzing data, or other academic activities) this semester/term?**

	<b>answered question</b>	<b>1,770</b>
	<b>skipped question</b>	<b>269</b>

41. Approximately how many hours per week did you spend preparing for all classes (studying, reading, writing, doing homework or lab work, analyzing data, or other academic activities) this semester/term?

	Response Percent	Response Count
0	0.6%	11
1-5	10.1%	179
6-10	15.9%	281
11-15	21.5%	381
16-20	<b>22.5%</b>	<b>398</b>
21-30	17.5%	309
More than 30	11.9%	211
	<b>answered question</b>	<b>1,770</b>
	<b>skipped question</b>	<b>269</b>

42. Approximately how many hours per week did you spend preparing for calculus (studying, reading, doing homework or lab work) this semester/term?

	Response Percent	Response Count
0	2.8%	50
1-5	<b>60.0%</b>	<b>1,062</b>
6-10	26.5%	469
11-15	7.2%	128
16-20	2.1%	38
21-30	0.7%	13
More than 30	0.6%	10
	<b>answered question</b>	<b>1,770</b>
	<b>skipped question</b>	<b>269</b>

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**43. What is your home zip code at the time you graduated from high school? *If you graduated from a high school outside the U.S., enter 00000***

	Response Count
<a href="#">Show replies</a>	1,781
<b>answered question</b>	<b>1,781</b>
<b>skipped question</b>	<b>258</b>

**44. What is your birth date?**

	Response Percent	Response Count
<b>Enter numbers as indicated -&gt;</b> <a href="#">Show replies</a>	100.0%	1,781
<b>answered question</b>		<b>1,781</b>
<b>skipped question</b>		<b>258</b>

**45. Your email address:**

	Response Count
<a href="#">Show replies</a>	584
<b>answered question</b>	<b>584</b>
<b>skipped question</b>	<b>1,455</b>

**46. Is there anything else you want to tell us about your experience in Calculus I?**

	Response Count
<a href="#">Show replies</a>	360
<b>answered question</b>	<b>360</b>
<b>skipped question</b>	<b>1,679</b>

