

**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>	<b>38.7%</b>	<b>1,758</b>
<b>B</b>	<b>38.1%</b>	<b>1,734</b>
<b>C</b>	<b>19.1%</b>	<b>869</b>
<b>D</b>	<b>3.2%</b>	<b>144</b>
<b>F</b>	<b>0.9%</b>	<b>42</b>
	<b>answered question</b>	<b>4,547</b>
	<b>skipped question</b>	<b>12</b>

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

	<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>	<b>63.7%</b>	<b>2,897</b>
<b>No</b>	<b>28.7%</b>	<b>1,305</b>
<b>I'm not sure</b>	<b>7.6%</b>	<b>346</b>
	<b>answered question</b>	<b>4,548</b>
	<b>skipped question</b>	<b>11</b>

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

	<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>	<b>71.3%</b>	<b>3,247</b>
	<b>answered question</b>	<b>4,553</b>
	<b>skipped question</b>	<b>6</b>

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

<b>No</b>	20.2%	919
<b>I'm not sure</b>	8.5%	387
<b>answered question</b>		<b>4,553</b>
<b>skipped question</b>		<b>6</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>53.0%</b>	<b>623</b>
<b>I changed my major and now do not need to take Calculus II.</b>	23.2%	273
<b>My experience in Calculus I made me decide not to take calculus II.</b>	31.6%	371
<b>I have too many other courses I need to complete.</b>	37.5%	441
<b>To do well in Calculus II, I would need to spend more time and effort than I can afford.</b>	33.0%	388
<b>My grade in Calculus I was not good enough for me to continue to Calculus II.</b>	13.2%	155
<b>I do not believe I understand the ideas of Calculus I well enough to take Calculus II.</b>	24.5%	288
<b>answered question</b>		<b>1,175</b>
<b>skipped question</b>		<b>3,384</b>

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

<b>answered question</b>	<b>4,039</b>
<b>skipped question</b>	<b>520</b>

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

	Percent	Count
Yes	71.1%	2,871
No	17.3%	700
I wasn't sure	11.6%	468
	<b>answered question</b>	<b>4,039</b>
	<b>skipped question</b>	<b>520</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>	10.6% (469)	13.7% (605)	14.7% (649)	<b>28.4%</b> <b>(1,250)</b>	22.4% (987)	10.1% (447)	4,407
<b>I am confident in my mathematical abilities.</b>	3.9% (172)	6.2% (273)	9.3% (409)	24.7% (1,087)	<b>39.8%</b> <b>(1,748)</b>	16.0% (703)	4,392
<b>I am good at computing derivatives and integrals.</b>	2.1% (93)	3.1% (137)	6.1% (266)	25.4% (1,115)	<b>44.3%</b> <b>(1,945)</b>	19.0% (836)	4,392
<b>I am able to use ideas of calculus (e.g., differentiation, integration) to solve word problems that I have not seen before.</b>	4.0% (178)	8.8% (386)	13.7% (603)	<b>33.3%</b> <b>(1,463)</b>	31.0% (1,362)	9.2% (406)	4,398
<b>My previous math courses prepared me to succeed in this course.</b>	5.7% (252)	7.6% (332)	9.7% (428)	22.5% (991)	<b>29.9%</b> <b>(1,312)</b>	24.6% (1,080)	4,395
<b>I enjoy doing mathematics.</b>	5.9% (261)	6.7% (296)	9.0% (397)	24.8% (1,089)	<b>33.7%</b> <b>(1,480)</b>	19.7% (865)	4,388
<b>Mathematics is about getting exact answers to specific problems.</b>	4.0% (178)	10.7% (469)	16.4% (722)	<b>30.2%</b> <b>(1,327)</b>	27.1% (1,194)	11.6% (511)	4,401
					<b>answered question</b>		<b>4,411</b>
					<b>skipped question</b>		<b>148</b>

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7. Please select the most appropriate response below.

	<b>A Not at all certain 1</b>	<b>2</b>	<b>3</b>	<b>B Very certain 4</b>	<b>Rating Average</b>	<b>Response Count</b>
<b>How certain are you in what you intend to do after college?</b>	10.7% (462)	19.2% (831)	<b>40.6%</b> <b>(1,761)</b>	29.5% (1,279)	2.89	4,333
					<b>answered question</b>	<b>4,333</b>
					<b>skipped question</b>	<b>226</b>

8. Please select the most appropriate response below.

	<b>A I try hard to figure it out on my own 1</b>	<b>2</b>	<b>3</b>	<b>B I quickly seek help or give up trying 4</b>	<b>Rating Average</b>	<b>Response Count</b>
<b>When experiencing a difficulty in my math class:</b>	31.7% (1,376)	<b>46.1%</b> <b>(1,999)</b>	18.6% (807)	3.5% (153)	1.94	4,335
					<b>answered question</b>	<b>4,335</b>
					<b>skipped question</b>	<b>224</b>

9. Please select the most appropriate response below.

	<b>A a natural part of solving</b>	<b>2</b>	<b>3</b>	<b>B an indication of my weakness</b>	<b>Rating Average</b>	<b>Response Count</b>
					<b>answered question</b>	<b>4,338</b>
					<b>skipped question</b>	<b>221</b>

9. Please select the most appropriate response below.

	the problem 1			in mathematics 4			
<b>For me, making unsuccessful attempts when solving a mathematics problem is:</b>	28.7% (1,246)	<b>39.8%</b> <b>(1,725)</b>	23.5% (1,019)	8.0% (348)	2.11	4,338	
							<b>answered question</b> <b>4,338</b>
							<b>skipped question</b> <b>221</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>	12.6% (532)	29.5% (1,243)	<b>36.0%</b> <b>(1,517)</b>			22.0% (926)	2.67	4,218	
									<b>answered question</b> <b>4,218</b>
									<b>skipped question</b> <b>341</b>

11. Please select the most appropriate response below.

	A I understand the covered material 1			2	3	B I can do things the way the teacher		Rating Average	Response Count
									<b>answered question</b> <b>4,235</b>
									<b>skipped question</b> <b>324</b>

11. Please select the most appropriate response below.

					wants 4		
<b>My score on my mathematics exam is a measure of how well:</b>	34.7% (1,468)	<b>38.8%</b> <b>(1,645)</b>	16.7% (709)	9.8% (413)	2.02	4,235	
	<b>answered question</b>						<b>4,235</b>
	<b>skipped question</b>						<b>324</b>

12. Please select the most appropriate response below.

	<b>A</b> I would never take another mathematics course. 1	2	3	<b>B</b> I would continue to take mathematics. 4	Rating Average	Response Count
<b>If I had a choice:</b>	15.7% (663)	20.4% (861)	26.4% (1,117)	<b>37.5% (1,583)</b>	2.86	4,224
	<b>answered question</b>					<b>4,224</b>
	<b>skipped question</b>					<b>335</b>

13. Please select the most appropriate response below.

	<b>A</b> memorize it the way it is presented. 1	2	3	<b>B</b> make sense of the material so I understand it. 4	Rating Average	Response Count
<b>When studying Calculus I in a textbook or course materials, I tend to:</b>	7.7% (328)	19.4% (822)	36.1% (1,527)	<b>36.8%</b> <b>(1,558)</b>	3.02	4,235
	<b>answered question</b>					<b>4,235</b>
	<b>skipped question</b>					<b>324</b>

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**14. Please select the most appropriate answer below:**

	<b>A</b> understand underlying mathematical ideas 1	<b>2</b>	<b>3</b>	<b>B</b> find answers to problems 4	<b>Rating Average</b>	<b>Response Count</b>
<b>When solving mathematics problems, graphing calculators or computers help me to:</b>	16.7% (693)	27.7% (1,146)	<b>33.1% (1,369)</b>	22.5% (932)	2.61	4,140
					<b>answered question</b>	<b>4,140</b>
					<b>skipped question</b>	<b>419</b>

**15. Please select the most appropriate response below.**

	<b>A</b> work problems so students know how to do them 1	<b>2</b>	<b>3</b>	<b>B</b> help students learn to reason through problems on their own 4	<b>Rating Average</b>	<b>Response Count</b>
<b>The primary role of a mathematics instructor is to:</b>	10.4% (431)	18.2% (757)	<b>38.3% (1,587)</b>	33.1% (1,374)	2.94	4,149
					<b>answered question</b>	<b>4,149</b>
					<b>skipped question</b>	<b>410</b>

**16. Please select the most appropriate response below.**

<b>A</b>	<b>B</b>	<b>Rating</b>	<b>Response</b>
			<b>answered question</b>
			<b>4,149</b>
			<b>skipped question</b>
			<b>410</b>

16. Please select the most appropriate response below.

	waited for a student to answer 1	2	3	answered the question if no one responded quickly 4	Average	Count
When my Calculus instructor asked a question addressed to the whole class, s/he:	25.7% (1,065)	<b>40.6%</b> <b>(1,686)</b>	22.0% (912)	11.7% (486)	2.20	4,149
					answered question	<b>4,149</b>
					skipped question	<b>410</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 having difficulty solving, my instructor:	6.8% (279)	18.9% (775)	<b>38.2%</b> <b>(1,569)</b>	36.1% (1,484)	3.04	4,107
					answered question	<b>4,107</b>
					skipped question	<b>452</b>

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18. My Calculus instructor:

answered question	<b>4,057</b>
skipped question	<b>502</b>



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.	3.7% (151)	6.3% (257)	8.7% (352)	25.6% (1,038)	<b>39.3%</b> <b>(1,589)</b>	16.3% (661)	4,048
listened carefully to my questions and comments.	2.7% (110)	3.6% (145)	5.7% (231)	18.4% (742)	<b>42.6%</b> <b>(1,720)</b>	26.9% (1,087)	4,035
discussed applications of calculus.	2.1% (83)	3.9% (156)	6.5% (262)	19.4% (783)	<b>41.8%</b> <b>(1,691)</b>	26.5% (1,071)	4,046
allowed time for me to understand difficult ideas.	5.1% (205)	6.2% (252)	12.0% (483)	24.9% (1,005)	<b>34.2%</b> <b>(1,382)</b>	17.6% (713)	4,040
helped me become a better problem solver.	4.7% (190)	5.8% (233)	11.2% (454)	27.1% (1,093)	<b>33.3%</b> <b>(1,346)</b>	17.9% (721)	4,037
provided explanations that were understandable.	4.5% (180)	4.8% (195)	7.9% (320)	20.8% (841)	<b>37.6%</b> <b>(1,520)</b>	24.4% (985)	4,041
was available to make appointments outside of office hours, if needed.	1.4% (54)	1.4% (57)	4.0% (161)	15.9% (634)	<b>40.4%</b> <b>(1,613)</b>	36.9% (1,475)	3,994
discouraged me from wanting to continue taking Calculus.	<b>38.5%</b> <b>(1,557)</b>	29.0% (1,174)	11.8% (478)	9.5% (386)	6.4% (259)	4.7% (190)	4,044
<b>answered question</b>							<b>4,057</b>
<b>skipped question</b>							<b>502</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?	1.3% (51)	3.4% (138)	6.9% (281)	17.6% (715)	31.2% (1,263)	<b>39.6%</b> <b>(1,603)</b>	4.93	4,051
<b>answered question</b>							<b>4,058</b>	
<b>skipped question</b>							<b>501</b>	

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

have students work with one another?	<b>30.2%</b> <b>(1,222)</b>	14.9% (603)	12.1% (489)	15.6% (632)	14.5% (587)	12.5% (507)	3.07	4,040
hold a whole-class discussion?	<b>24.4%</b> <b>(986)</b>	14.8% (598)	13.8% (559)	16.3% (658)	16.1% (651)	14.5% (587)	3.28	4,039
have students give presentations?	<b>71.3%</b> <b>(2,877)</b>	10.8% (435)	5.8% (234)	5.5% (223)	3.8% (152)	2.8% (114)	1.68	4,035
have students work individually on problems or tasks?	13.7% (554)	9.8% (398)	14.1% (571)	20.8% (842)	<b>23.0%</b> <b>(930)</b>	18.5% (750)	3.85	4,045
lecture?	1.6% (66)	2.1% (87)	5.5% (222)	12.5% (507)	25.4% (1,028)	<b>52.8%</b> <b>(2,139)</b>	5.16	4,049
ask questions?	2.1% (83)	5.0% (202)	9.9% (399)	24.0% (970)	<b>31.7%</b> <b>(1,279)</b>	27.4% (1,108)	4.60	4,041
ask students to explain their thinking?	13.1% (529)	14.1% (573)	14.0% (569)	20.9% (846)	<b>21.6%</b> <b>(875)</b>	16.3% (660)	3.73	4,052
<b>answered question</b>								<b>4,058</b>
<b>skipped question</b>								<b>501</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?	9.8% (388)	11.2% (442)	15.4% (611)	<b>22.6%</b> <b>(895)</b>	22.3% (883)	18.6% (737)	3.92	3,956
require you to explain your thinking on your homework?	<b>24.5%</b> <b>(969)</b>	14.0% (553)	14.1% (557)	16.9% (669)	15.7% (620)	14.8% (585)	3.30	3,953
require you to explain your thinking on exams?	13.3% (523)	9.6% (379)	12.8% (505)	18.5% (727)	22.3% (878)	<b>23.4%</b> <b>(920)</b>	3.97	3,932
<b>answered question</b>								<b>3,963</b>
<b>skipped question</b>								<b>596</b>

## 20. How frequently did your instructor?

<b>assign sections in your textbook for you to read before coming to class?</b>	<b>26.2%</b> <b>(1,034)</b>	12.4% (489)	10.9% (431)	12.2% (482)	13.3% (523)	25.0% (988)	3.49	3,947
							<b>answered question</b>	<b>3,963</b>
							<b>skipped question</b>	<b>596</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>41.4%</b> <b>(1,640)</b>	32.0% (1,266)	11.2% (443)	9.3% (368)	3.8% (150)	2.4% (94)	3,961	
<b>encouraged students to enroll in Calculus II.</b>	4.3% (167)	8.8% (346)	14.3% (561)	<b>30.7%</b> <b>(1,204)</b>	28.3% (1,110)	13.7% (539)	3,927	
<b>acted as if I was capable of understanding the key ideas of calculus.</b>	1.7% (66)	2.6% (103)	6.2% (245)	20.5% (810)	<b>43.7%</b> <b>(1,722)</b>	25.3% (999)	3,945	
<b>made me feel comfortable in asking questions during class.</b>	2.8% (109)	4.4% (174)	8.7% (342)	21.3% (841)	<b>35.9%</b> <b>(1,419)</b>	27.0% (1,067)	3,952	
<b>encouraged students to seek help during office hours.</b>	1.7% (67)	2.7% (108)	5.8% (230)	17.5% (694)	34.9% (1,382)	<b>37.3%</b> <b>(1,475)</b>	3,956	
<b>presented more than one method for solving problems.</b>	3.1% (123)	4.5% (178)	8.9% (350)	22.6% (894)	<b>36.2%</b> <b>(1,431)</b>	24.6% (972)	3,948	
<b>did not speak English very well.</b>	<b>68.8%</b> <b>(2,722)</b>	11.1% (438)	4.8% (188)	7.8% (310)	4.2% (167)	3.3% (129)	3,954	
<b>made class interesting.</b>	6.6% (263)	8.1% (321)	11.4% (450)	25.3% (1,002)	<b>26.4%</b> <b>(1,043)</b>	22.1% (876)	3,955	
							<b>answered question</b>	<b>3,967</b>
							<b>skipped question</b>	<b>592</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>	2.3% (91)	7.8% (308)	9.3% (366)	31.9% (1,262)	<b>48.8%</b> <b>(1,929)</b>	3,956
<b>Homework was collected (either hard copy or online).</b>	16.6% (657)	14.8% (586)	13.1% (518)	27.2% (1,074)	<b>28.2%</b> <b>(1,114)</b>	3,949
<b>My instructor gave a short quiz.</b>	19.1% (754)	<b>37.5%</b> <b>(1,478)</b>	22.4% (883)	13.6% (536)	7.4% (290)	3,941
<b>My instructor used technology.</b>	<b>29.9%</b> <b>(1,183)</b>	24.1% (954)	11.6% (459)	16.4% (647)	17.9% (709)	3,952
				<b>answered question</b>		<b>3,966</b>
				<b>skipped question</b>		<b>593</b>

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

	Response Percent	Response Count
None	29.5%	1,160
Graphing Calculator	<b>58.4%</b>	<b>2,294</b>
Computers	36.5%	1,435
Clickers or some other electronic response system	7.3%	287
	<b>answered question</b>	<b>3,931</b>
	<b>skipped question</b>	<b>628</b>

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

<b>answered question</b>	<b>3,935</b>
<b>skipped question</b>	<b>624</b>

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

	Never	Some class sessions	About half the class sessions	Most class sessions	Every class session	Response Count
<b>My instructor demonstrated mathematics with a graphing calculator.</b>	<b>55.3% (2,169)</b>	24.1% (946)	8.9% (348)	9.0% (353)	2.8% (109)	3,925
<b>I used a graphing calculator.</b>	<b>32.8% (1,284)</b>	21.9% (858)	12.5% (490)	20.0% (783)	12.7% (499)	3,914
<b>My instructor demonstrated mathematics with computer algebra system (e.g., Maple, Mathematica, MATLAB).</b>	<b>67.6% (2,637)</b>	15.3% (598)	6.6% (256)	7.0% (272)	3.5% (136)	3,899
<b>I used a computer algebra system (e.g., Maple, Mathematica, MATLAB).</b>	<b>72.4% (2,829)</b>	13.7% (535)	6.4% (248)	4.9% (191)	2.6% (102)	3,905
				<b>answered question</b>		<b>3,935</b>
				<b>skipped question</b>		<b>624</b>

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

	Response Percent	Response Count
<b>To find answers to problems.</b>	<b>70.8%</b>	<b>2,293</b>
<b>To understand underlying mathematical ideas.</b>	53.8%	1,742
<b>To check written answers after I worked them out by hand</b>	69.5%	2,249
	<b>answered question</b>	<b>3,238</b>
	<b>skipped question</b>	<b>1,321</b>

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

<b>answered question</b>	<b>2,797</b>
<b>skipped question</b>	<b>1,762</b>

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

	<b>Response Percent</b>	<b>Response Count</b>
To illustrate ideas.	67.2%	1,880
To find answers to problems.	48.2%	1,347
To check answers after we worked them out by hand.	54.0%	1,511
To illustrate motion/dynamic animations.	27.4%	766
	<b>answered question</b>	<b>2,797</b>
	<b>skipped question</b>	<b>1,762</b>

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

	<b>Response Percent</b>	<b>Response Count</b>
Yes	25.6%	1,002
No	50.3%	1,970
N/A (I don't use a calculator)	24.1%	944
	<b>answered question</b>	<b>3,916</b>
	<b>skipped question</b>	<b>643</b>

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

	<b>Response Percent</b>	<b>Response Count</b>
Yes	50.5%	1,984
No	49.5%	1,945
	<b>answered question</b>	<b>3,929</b>
	<b>skipped question</b>	<b>630</b>

**PAGE:**

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

	Not at all 1	2	3	4	5	Very often 6	Response Count
<b>completed and graded online.</b>	35.5% (1,376)	2.7% (105)	3.4% (131)	6.0% (232)	8.7% (337)	<b>43.8%</b> <b>(1,697)</b>	3,878
<b>graded and returned to me.</b>	21.6% (840)	5.2% (201)	5.6% (219)	9.1% (355)	13.1% (510)	<b>45.3%</b> <b>(1,758)</b>	3,883
<b>returned with helpful feedback/comments.</b>	<b>34.4%</b> <b>(1,328)</b>	12.7% (490)	11.4% (440)	14.7% (570)	12.8% (496)	14.0% (542)	3,866
<b>submitted as a group project.</b>	<b>69.0%</b> <b>(2,673)</b>	5.7% (220)	5.4% (208)	7.6% (293)	6.6% (257)	5.7% (222)	3,873
<b>challenging but doable.</b>	6.6% (256)	5.0% (194)	13.0% (505)	25.2% (978)	<b>31.8%</b> <b>(1,236)</b>	18.4% (713)	3,882
<b>answered question</b>							<b>3,903</b>
<b>skipped question</b>							<b>656</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>	3.2% (124)	3.8% (147)	10.1% (393)	23.9% (931)	<b>30.3%</b> <b>(1,180)</b>	28.7% (1,116)	3,891
<b>solve problems unlike those done in class or in the book.</b>	11.6% (451)	15.8% (616)	15.3% (596)	<b>19.7%</b> <b>(767)</b>	19.0% (738)	18.5% (721)	3,889
<b>use technology to understand ideas.</b>	<b>30.4%</b> <b>(1,176)</b>	16.6% (642)	14.0% (542)	17.4% (674)	12.4% (480)	9.2% (358)	3,872
<b>answered question</b>							<b>3,897</b>
<b>skipped question</b>							<b>662</b>

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

	Not at all 1	2	3	4	5	Very often 6	Response Count
<b>answered question</b>							<b>3,909</b>
<b>skipped question</b>							<b>656</b>

31. The exam questions required that I solve:

	1				6		
word problems.	2.3% (88)	5.7% (221)	12.6% (490)	25.0% (970)	24.4% (947)	<b>29.9%</b> <b>(1,161)</b>	3,877
problems unlike those done in class or in the book.	17.7% (688)	<b>19.5%</b> <b>(755)</b>	17.8% (689)	18.0% (700)	12.5% (486)	14.5% (561)	3,879
<b>answered question</b>							<b>3,909</b>
<b>skipped question</b>							<b>650</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
My Calculus exams were a good assessment of what I learned.	6.2% (240)	8.1% (317)	10.7% (418)	19.7% (767)	<b>36.7%</b> <b>(1,430)</b>	18.6% (723)	3,895
My exams were graded fairly.	2.3% (90)	4.3% (169)	7.1% (278)	15.8% (616)	<b>41.4%</b> <b>(1,610)</b>	29.0% (1,127)	3,890
My homework was graded fairly.	2.8% (107)	2.6% (99)	5.7% (218)	14.2% (544)	<b>41.9%</b> <b>(1,606)</b>	32.8% (1,257)	3,831
<b>answered question</b>							<b>3,896</b>
<b>skipped question</b>							<b>663</b>

33. During class:

	Never	Some class sessions	About half the class sessions	Most class sessions	Every class session	Response Count
I contributed to class discussions.	21.1% (819)	<b>34.8%</b> <b>(1,350)</b>	18.0% (697)	18.8% (729)	7.4% (286)	3,881
<b>answered question</b>						<b>3,891</b>
<b>skipped question</b>						<b>668</b>



**33. During class:**

<b>I was lost and unable to follow the lecture or discussion.</b>	36.2% (1,405)	<b>44.0%</b> <b>(1,706)</b>	8.9% (345)	8.0% (312)	2.9% (112)	3,880
<b>I asked questions.</b>	23.3% (902)	<b>43.1%</b> <b>(1,669)</b>	16.0% (618)	13.4% (518)	4.2% (163)	3,870
<b>I simply copied whatever was written on the board.</b>	14.9% (578)	<b>31.4%</b> <b>(1,216)</b>	13.5% (522)	21.7% (840)	18.6% (721)	3,877
<b>answered question</b>						<b>3,891</b>
<b>skipped question</b>						<b>668</b>

**34. How often did you do the following?**

	Never	Once a month	A few times a month	Once a week	More than once a week	Response Count
<b>Read the textbook prior to coming to class.</b>	<b>38.0%</b> <b>(1,479)</b>	15.4% (599)	17.4% (675)	15.6% (607)	13.6% (530)	3,890
<b>Visit your instructor's office hours.</b>	<b>51.3%</b> <b>(1,994)</b>	21.5% (835)	15.7% (610)	6.9% (269)	4.6% (178)	3,886
<b>Use online tutoring.</b>	<b>76.9%</b> <b>(2,987)</b>	5.6% (218)	7.0% (271)	5.0% (195)	5.5% (213)	3,884
<b>Visit a tutor to assist with this course.</b>	<b>58.3%</b> <b>(2,266)</b>	10.9% (425)	12.4% (481)	9.3% (363)	9.1% (354)	3,889
<b>answered question</b>						<b>3,894</b>
<b>skipped question</b>						<b>665</b>

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

	Strongly Disagree	Slightly	Slightly	Agree	Strongly	Response
<b>answered question</b>						<b>3,895</b>
<b>skipped question</b>						<b>664</b>

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

	Disagree		Disagree		Agree		Count
<b>The homework for the course helped me learn the material.</b>	3.9% (150)	4.2% (164)	5.3% (207)	20.9% (811)	<b>39.4%</b> <b>(1,530)</b>	26.4% (1,024)	3,886
<b>The textbook and/or class materials helped me learn the material.</b>	4.9% (192)	5.8% (227)	8.2% (320)	23.6% (915)	<b>36.7%</b> <b>(1,425)</b>	20.7% (803)	3,882
<b>The textbook or reading materials for the course were readable.</b>	4.5% (174)	5.8% (224)	11.8% (459)	26.6% (1,032)	<b>35.4%</b> <b>(1,370)</b>	15.9% (615)	3,874
<b>I completed all my assigned homework.</b>	3.3% (129)	5.9% (228)	6.4% (247)	14.6% (564)	30.4% (1,176)	<b>39.5%</b> <b>(1,529)</b>	3,873
						<b>answered question</b>	<b>3,895</b>
						<b>skipped question</b>	<b>664</b>

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

	Response Percent	Response Count
<b>Yes</b>	<b>59.5%</b>	<b>2,315</b>
<b>No</b>	40.5%	1,577
	<b>answered question</b>	<b>3,892</b>
	<b>skipped question</b>	<b>667</b>

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

	Response Percent	Response Count
<b>Yes</b>	10.1%	391
<b>No</b>	<b>89.9%</b>	<b>3,495</b>
	<b>answered question</b>	<b>3,886</b>
	<b>skipped question</b>	<b>673</b>

**PAGE:****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>93.4%</b>	<b>3,601</b>
<b>No</b>	<b>6.6%</b>	<b>253</b>
	<b>answered question</b>	<b>3,854</b>
	<b>skipped question</b>	<b>705</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>0</b>	<b>60.3%</b>	<b>2,339</b>
<b>1-5</b>	<b>8.9%</b>	<b>347</b>
<b>6-10</b>	<b>11.0%</b>	<b>426</b>
<b>11-15</b>	<b>6.7%</b>	<b>261</b>
<b>16-20</b>	<b>5.4%</b>	<b>210</b>
<b>21-30</b>	<b>4.1%</b>	<b>160</b>
<b>More than 30</b>	<b>3.6%</b>	<b>138</b>
	<b>answered question</b>	<b>3,881</b>
	<b>skipped question</b>	<b>678</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>25.3%</b>	<b>984</b>
	<b>answered question</b>	<b>3,887</b>
	<b>skipped question</b>	<b>672</b>

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

<b>1-5</b>	<b>38.1%</b>	<b>1,480</b>
<b>6-10</b>	17.2%	668
<b>11-15</b>	9.6%	373
<b>16-20</b>	5.2%	203
<b>21-30</b>	2.5%	97
<b>More than 30</b>	2.1%	82
	<b>answered question</b>	<b>3,887</b>
	<b>skipped question</b>	<b>672</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>Response Percent</b>	<b>Response Count</b>
<b>0</b>	0.4%	17
<b>1-5</b>	7.8%	303
<b>6-10</b>	15.6%	604
<b>11-15</b>	<b>22.5%</b>	<b>874</b>
<b>16-20</b>	22.4%	871
<b>21-30</b>	17.6%	683
<b>More than 30</b>	13.7%	531
	<b>answered question</b>	<b>3,883</b>
	<b>skipped question</b>	<b>676</b>

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

<b>answered question</b>	<b>3,884</b>
<b>skipped question</b>	<b>675</b>
<b>Response</b>	<b>Response</b>

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

	Percent	Count
0	1.5%	60
1-5	53.0%	2,058
6-10	30.3%	1,175
11-15	9.2%	357
16-20	3.6%	141
21-30	1.4%	54
More than 30	1.0%	39
<b>answered question</b>		<b>3,884</b>
<b>skipped question</b>		<b>675</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>	3,903
<b>answered question</b>	<b>3,903</b>
<b>skipped question</b>	<b>656</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%	3,903
<b>answered question</b>		<b>3,903</b>
<b>skipped question</b>		<b>656</b>

**45. Your email address:**

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	<b>Response Count</b>
<a href="#">Show replies</a>	1,404
<b>answered question</b>	<b>1,404</b>
<b>skipped question</b>	<b>3,155</b>

**46. Your student ID number:**

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	<b>Response Count</b>
<a href="#">Show replies</a>	1,676
<b>answered question</b>	<b>1,676</b>
<b>skipped question</b>	<b>2,883</b>

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

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	<b>Response Count</b>
<a href="#">Show replies</a>	841
<b>answered question</b>	<b>841</b>
<b>skipped question</b>	<b>3,718</b>

