

# Illinois Online Courses Survey

## Contents

Data 'At A Glance'	1
Course Scores	2
Survey Results for LLL 102 L	3
Metadata	19

---

College: Liberal Arts & Sciences

Course: LLL 102 L

Term: Spring 2020

---

## Data 'At A Glance'

%

Response Rate

**3.57 out of 5**

Average Course Quality

**2.4 out of 5**

Average Course Difficulty

**7 out of 10**

Students will likely register for another Illinois Online course

---

## Course Scores

Three scores are reported that describe: a) questions related to the overall quality of the class (Course Quality Score), b) questions related to course activities (Course Activities Score), and c) overall difficulty of the course (Overall Difficulty). The questions and methods used to calculate each score are reported in the Metadata. Overall means, total enrollment, and average response rate for courses are reported below the course means.

---

Course	Course Quality Score	Course Activities Score	Course Difficulty Score	Enrollment	Response Rate
All Courses	3.25	3.30	2.29	0	NaN%

---

*Note:*

One sample t-tests were used to evaluate if an individual course mean is statistically different from the grand mean. \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

---

## Survey Results for LLL 102 L

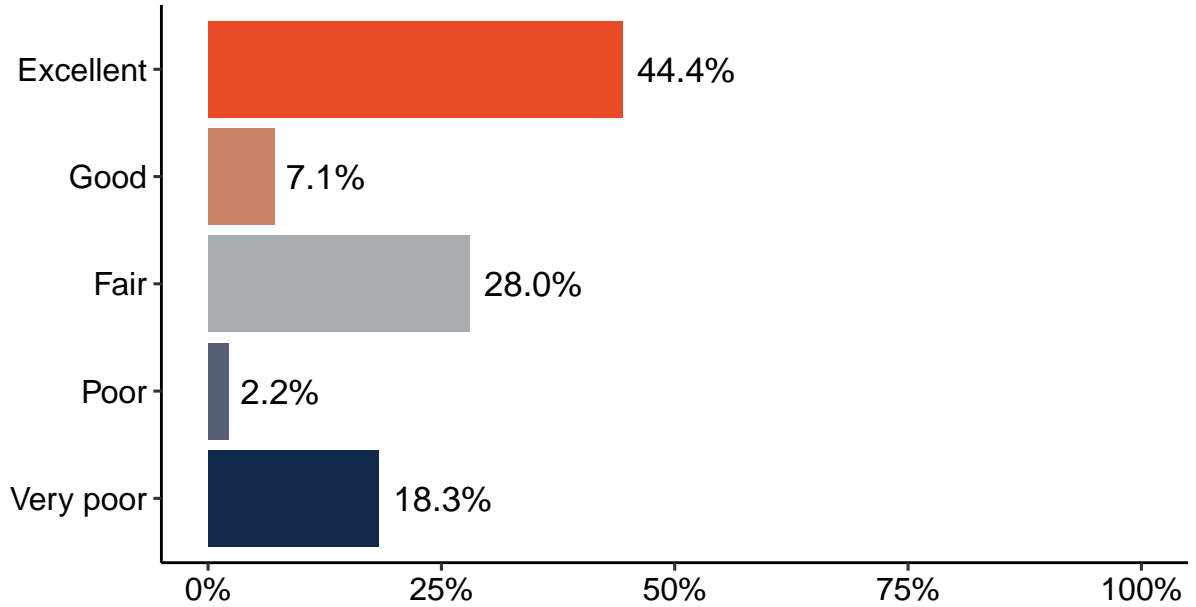
Which of the following requirement(s) did this course satisfy? Total Number of Responses: 268

Requirement	LLL 102 L		LLL College	
	Checked	Percent	Checked	Percent
A general education requirement	111	41.4%	441	49.8%
An elective	104	38.8%	344	38.8%
A major requirement	20	7.5%	69	7.8%
A minor requirement	7	2.6%	37	4.2%
Some other requirement	36	13.4%	47	5.3%
None of the above	15	5.6%	49	5.5%

*Note:*

Students may select more than one response.

Please rate the overall quality of this course. Total Number of Responses: 268

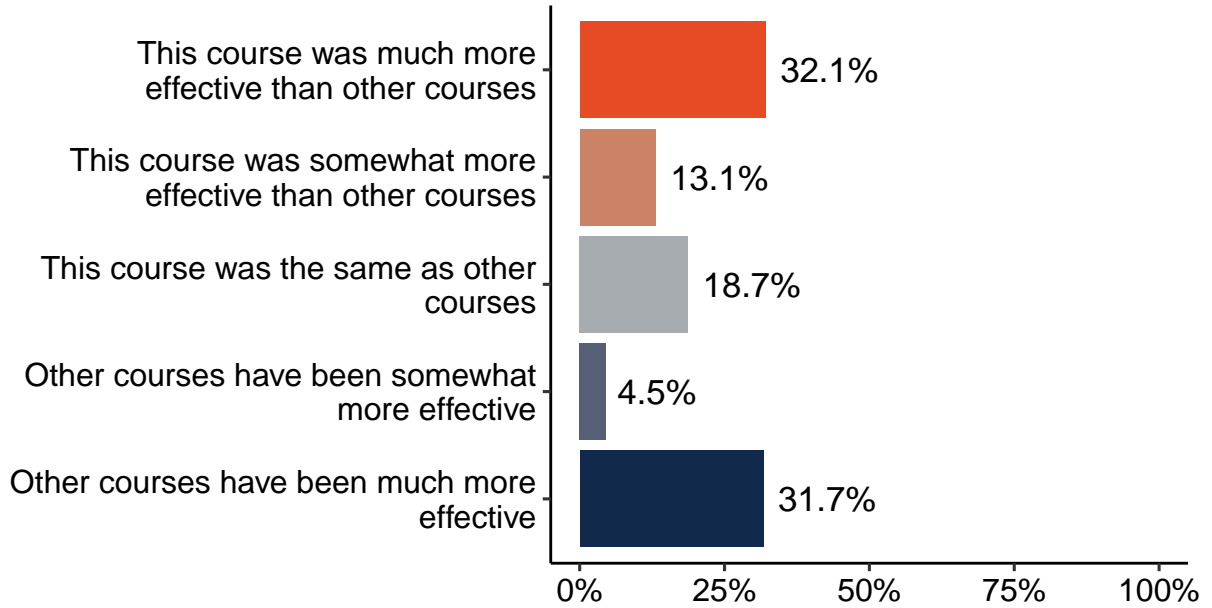


Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
Excellent	119	44.4%	377	42.5%
Good	19	7.1%	20	2.3%
Fair	75	28.0%	405	45.7%
Poor	6	2.2%	6	0.7%
Very poor	49	18.3%	78	8.8%
<i>Mean</i>	<i>0</i>	<i>3.57</i>	<i>0</i>	<i>3.69</i>

*Note:*

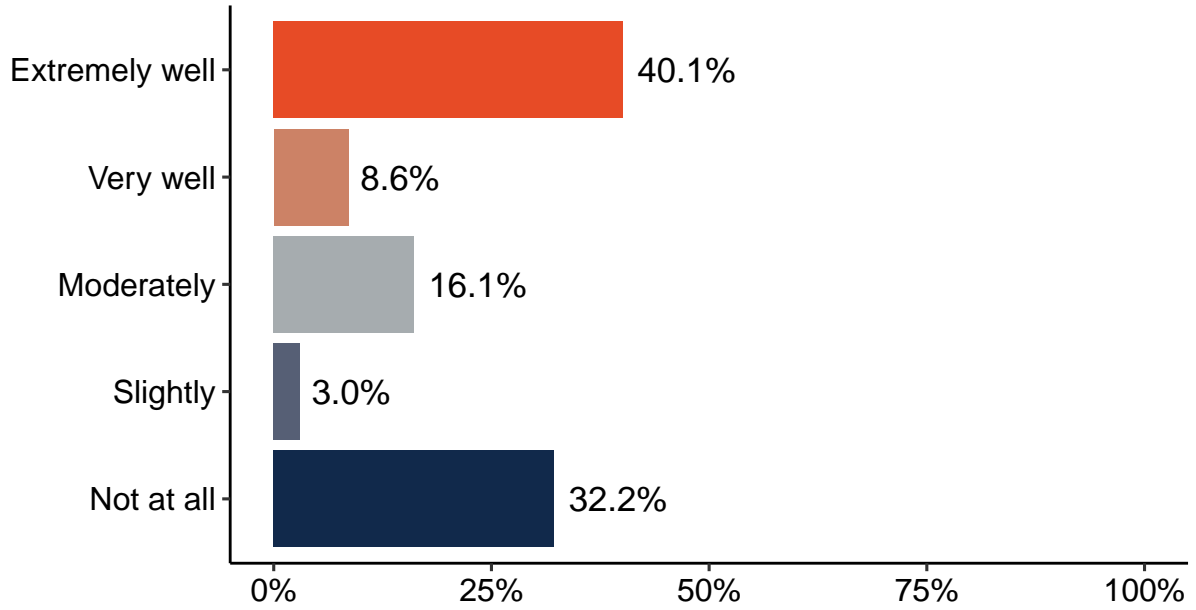
The greater the mean, the greater the level of perceived quality (range 1-5).

How effective was this course in helping you understand the topics presented?  
 Total Number of Responses: 268



Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
This course was much more effective than other courses	86	32.1%	340	38.4%
This course was somewhat more effective than other courses	35	13.1%	71	8.0%
This course was the same as other courses	50	18.7%	230	26.0%
Other courses have been somewhat more effective	12	4.5%	20	2.3%
Other courses have been much more effective	85	31.7%	224	25.3%

How well could you explain the material you learned in this class to someone who did not know the material? Total Number of Responses: 267

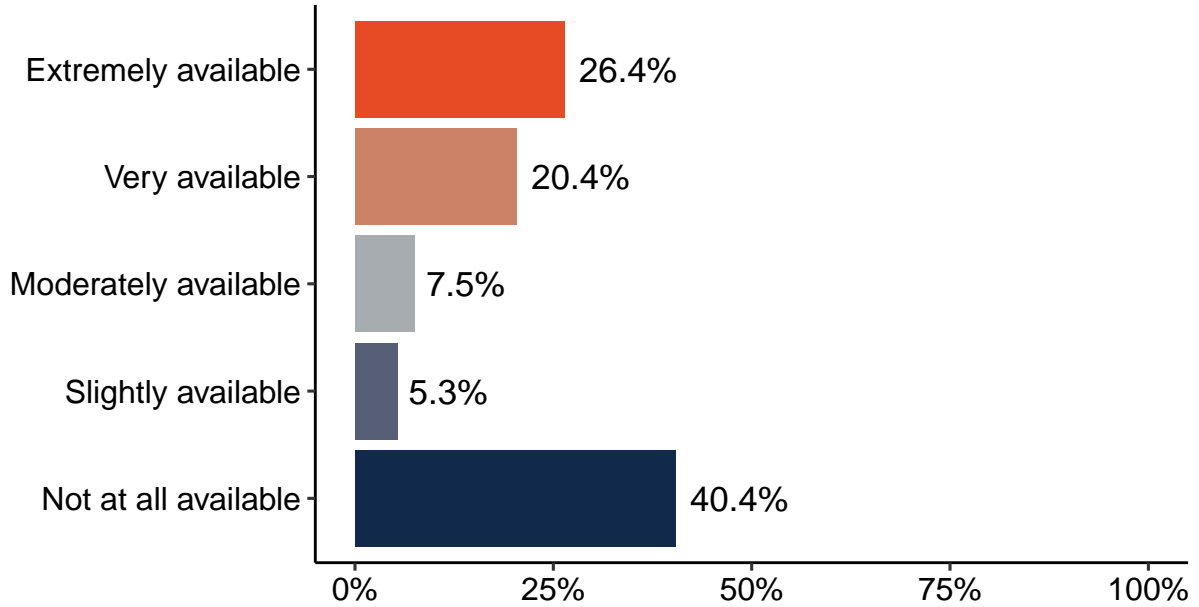


Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
Extremely well	107	40.1%	412	46.6%
Very well	23	8.6%	54	6.1%
Moderately	43	16.1%	126	14.2%
Slightly	8	3.0%	8	0.9%
Not at all	86	32.2%	284	32.1%
<i>Mean</i>	<i>0</i>	<i>3.21</i>	<i>0</i>	<i>3.34</i>

*Note:*

The greater the mean, the greater the level of presumed ability (range 1-5).

How available was your instructor to you? Total Number of Responses: 265

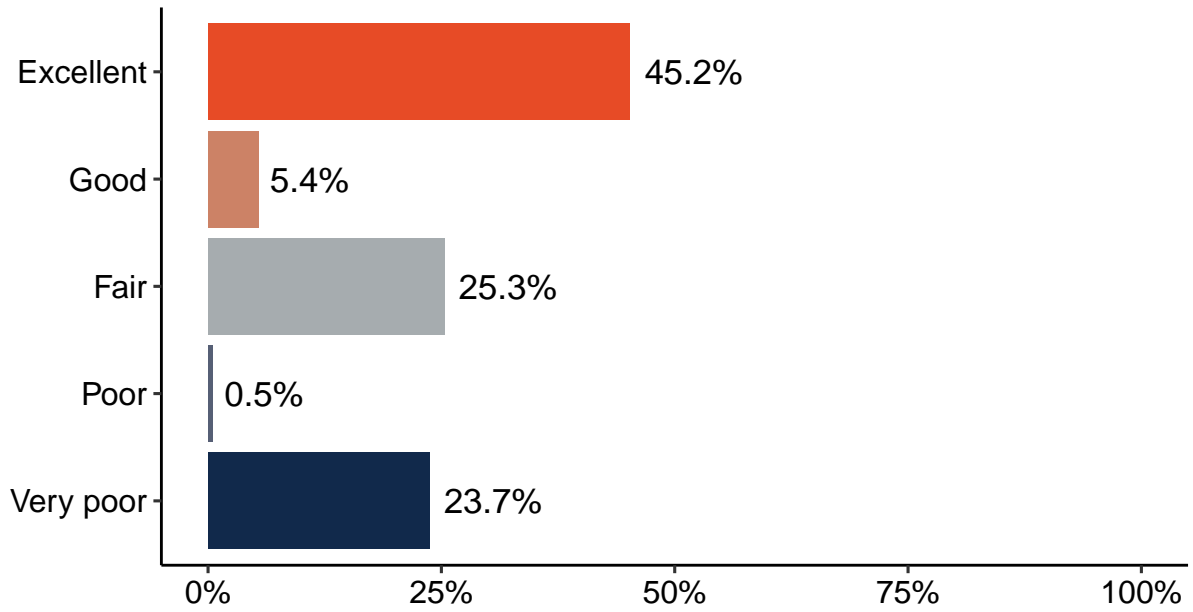


Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
Extremely available	70	26.4%	362	41.1%
Very available	54	20.4%	73	8.3%
Moderately available	20	7.5%	163	18.5%
Slightly available	14	5.3%	21	2.4%
Not at all available	107	40.4%	261	29.7%
<i>Mean</i>	<i>0</i>	<i>2.87</i>	<i>0</i>	<i>3.29</i>

*Note:*

The greater the mean, the greater the level of perceived availability of the instructor (range 1-5).

Please rate the quality of your interactions with your fellow classmates. Total Number of Responses: 186



Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
Excellent	84	45.2%	318	41.1%
Good	10	5.4%	13	1.7%
Fair	47	25.3%	335	43.3%
Poor	1	0.5%	1	0.1%
Very poor	44	23.7%	107	13.8%
<i>Mean</i>	<i>0</i>	<i>3.48</i>	<i>0</i>	<i>3.56</i>

*Note:*

The greater the mean, the greater the level of perceived quality of classmate interaction (range 1-5).



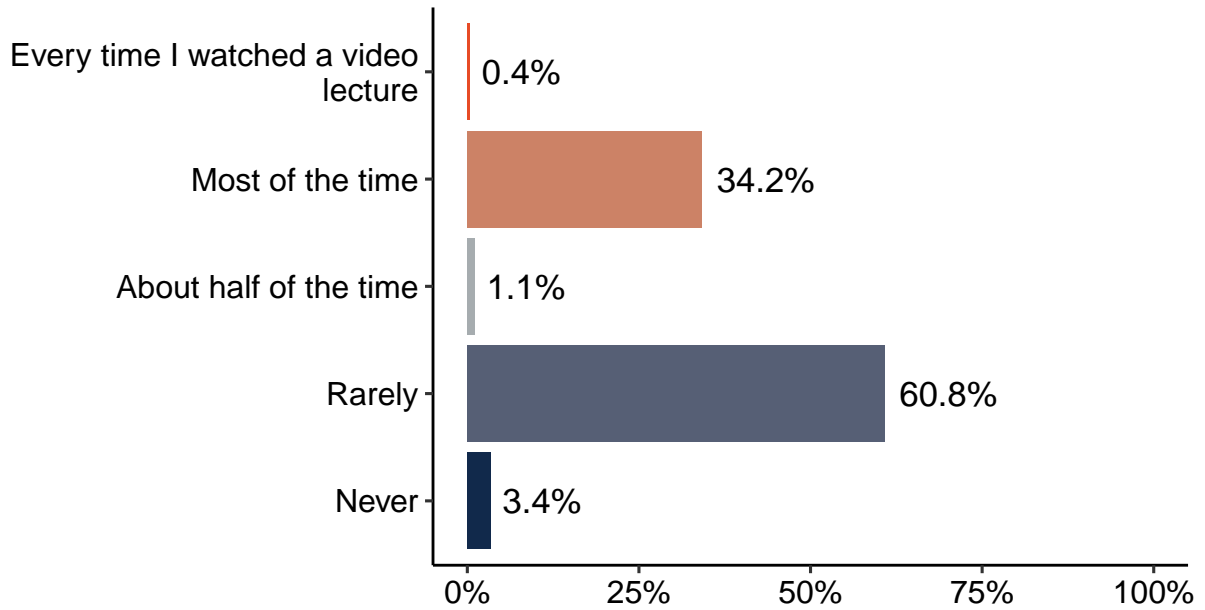
Rate the usefulness of each of the following class activities. Total Number of Responses: 265

Activity	LLL 102 L			LLL College		
	N	Mean	SD	N	Mean	SD
Quizzes tests	258	3.3	1.5	861	3.4	1.5
Readings	247	3.2	1.6	807	3.3	1.6
Individual projects assignments	231	3.2	1.6	814	3.5	1.6
Discussion boards forums	206	3.1	1.5	799	3.2	1.5
Video lectures	188	3.0	1.6	777	3.3	1.5
Live sessions	63	2.9	1.5	228	3.1	1.6
Group projects assignments	95	2.8	1.6	368	3.0	1.6

*Note:*

The greater an item's mean, the greater its level of perceived usefulness (range 1-5).

How often did you experience technical problems with the video lectures in the course? Total Number of Responses: 263

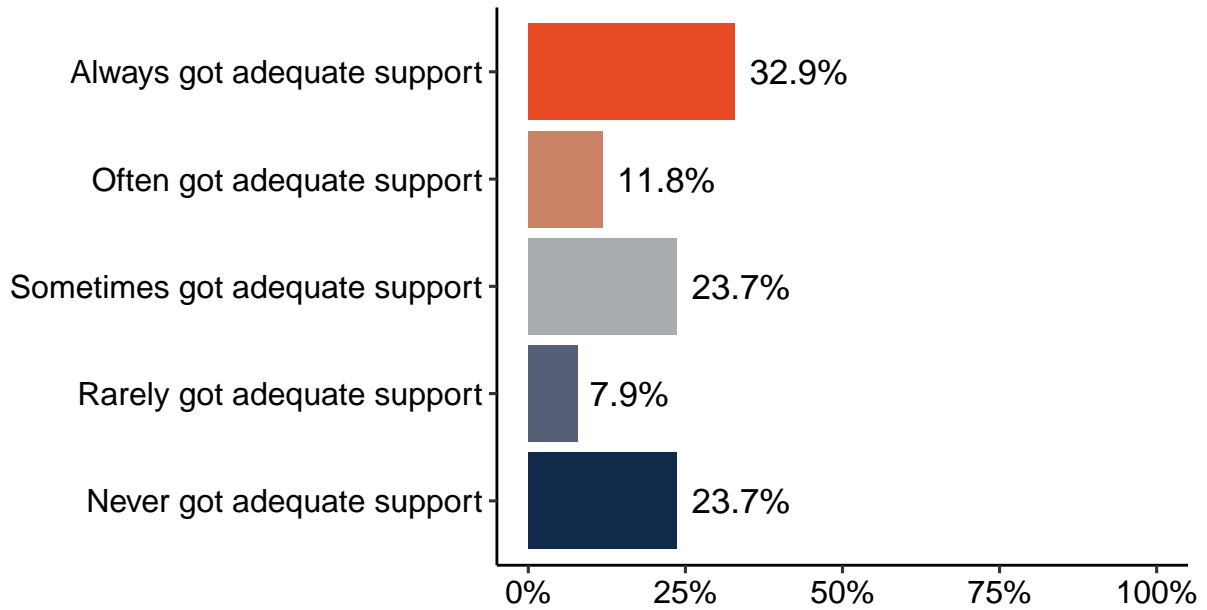


Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
Every time I watched a video lecture	1	0.4%	6	0.7%
Most of the time	90	34.2%	266	30.3%
About half of the time	3	1.1%	6	0.7%
Rarely	160	60.8%	583	66.4%
Never	9	3.4%	17	1.9%
<i>Mean</i>	<i>0</i>	<i>2.67</i>	<i>0</i>	<i>2.61</i>

*Note:*

The greater the mean, the more often technical problems were experienced (range 1-5).

To what extent did you get adequate tech support for this course when you needed it? Total Number of Responses: 76

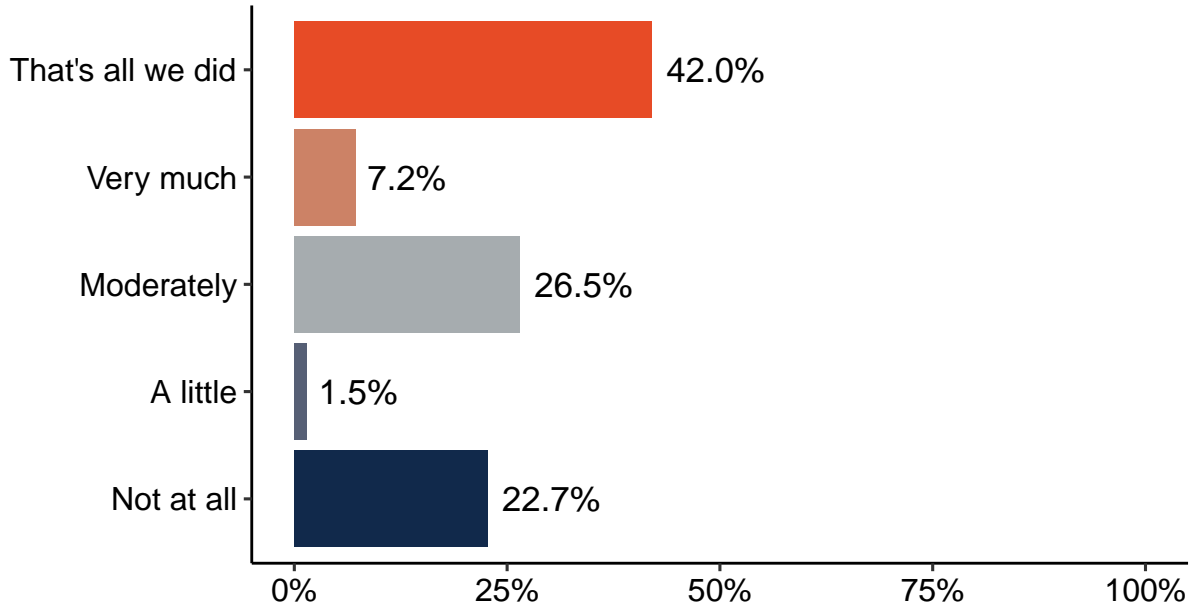


Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
Always got adequate support	25	32.9%	77	37.4%
Often got adequate support	9	11.8%	20	9.7%
Sometimes got adequate support	18	23.7%	51	24.8%
Rarely got adequate support	6	7.9%	20	9.7%
Never got adequate support	18	23.7%	38	18.4%
<i>Mean</i>	<i>0</i>	<i>3.22</i>	<i>0</i>	<i>3.38</i>

*Note:*

The greater the mean, the more often adequate technical support was received (range 1-5).

How important was memorization for success in this course? Total Number of Responses: 264

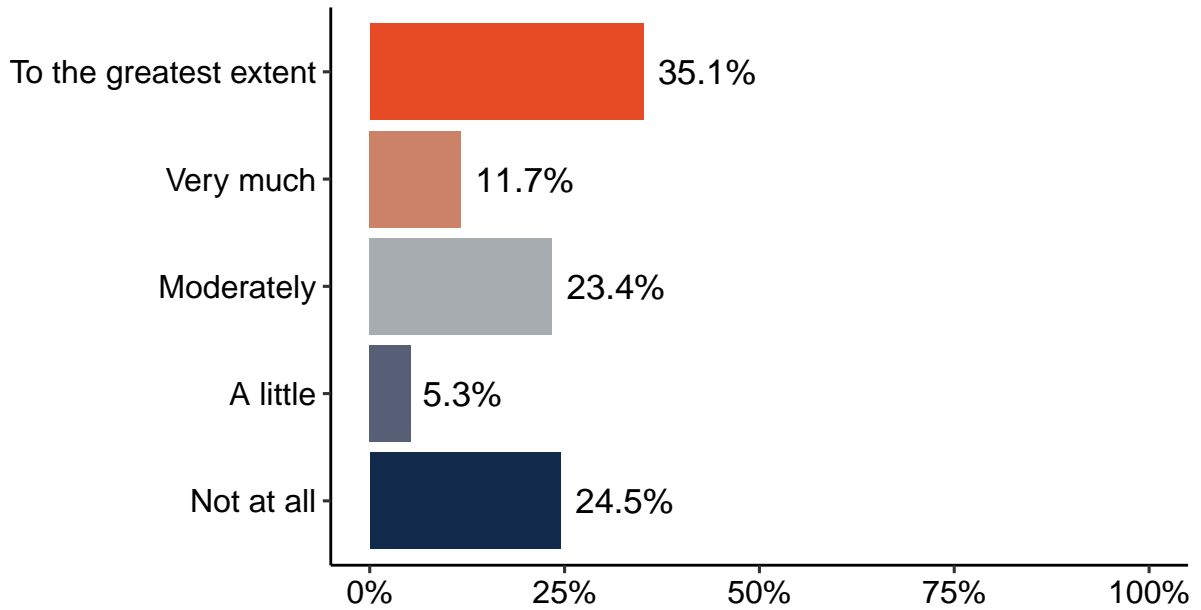


Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
That's all we did	111	42.0%	194	22.1%
Very much	19	7.2%	185	21.1%
Moderately	70	26.5%	78	8.9%
A little	4	1.5%	59	6.7%
Not at all	60	22.7%	361	41.2%
<i>Mean</i>	<i>0</i>	<i>3.44</i>	<i>0</i>	<i>2.76</i>

*Note:*

The greater the mean, the greater the level of perceived importance (range 1-5).

How much do you think the material you learned in this course will have practical applications in your life outside of this course? Total Number of Responses: 265

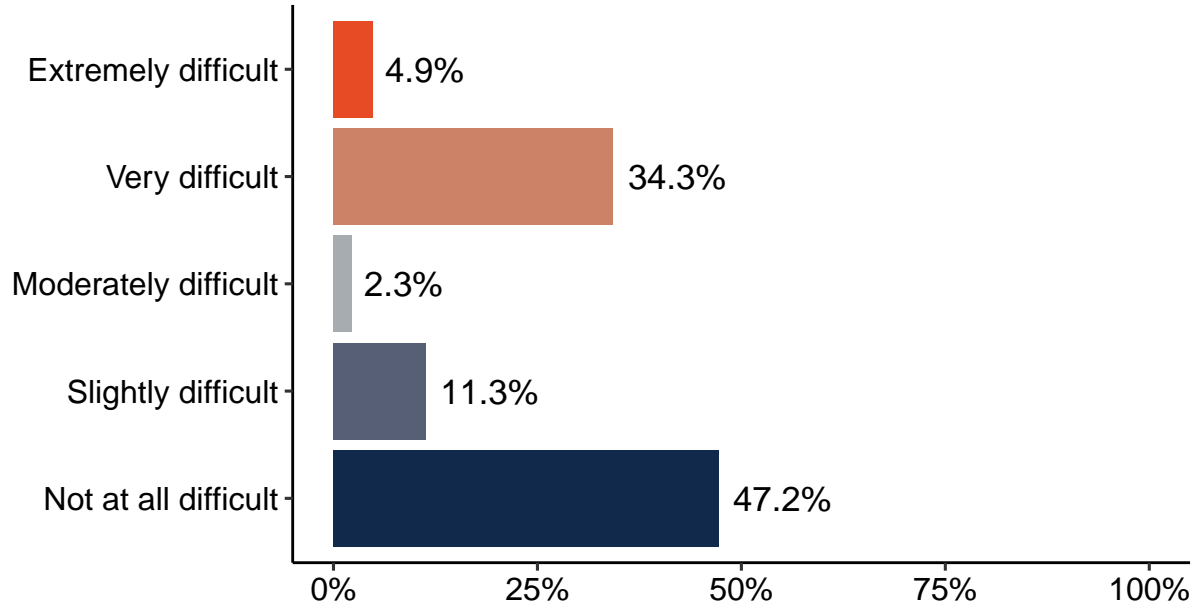


Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
To the greatest extent	93	35.1%	226	25.7%
Very much	31	11.7%	203	23.1%
Moderately	62	23.4%	79	9.0%
A little	14	5.3%	35	4.0%
Not at all	65	24.5%	337	38.3%
<i>Mean</i>	<i>0</i>	<i>3.28</i>	<i>0</i>	<i>2.94</i>

*Note:*

The greater the mean, the greater the level of perceived practicality (range 1-5).

Overall, how difficult was this course? Total Number of Responses: 265

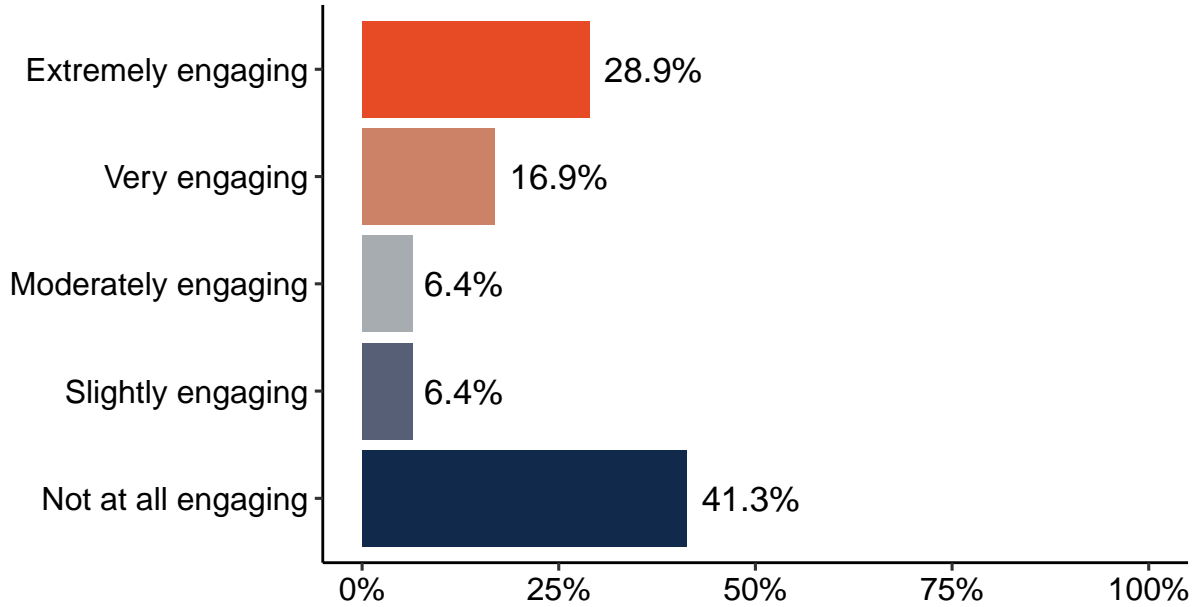


Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
Extremely difficult	13	4.9%	25	2.8%
Very difficult	91	34.3%	324	36.8%
Moderately difficult	6	2.3%	7	0.8%
Slightly difficult	30	11.3%	106	12.0%
Not at all difficult	125	47.2%	418	47.5%
<i>Mean</i>	<i>0</i>	<i>2.38</i>	<i>0</i>	<i>2.35</i>

*Note:*

The greater the mean, the greater the level of perceived difficulty (range 1-5).

How engaging did you find this course? Total Number of Responses: 266

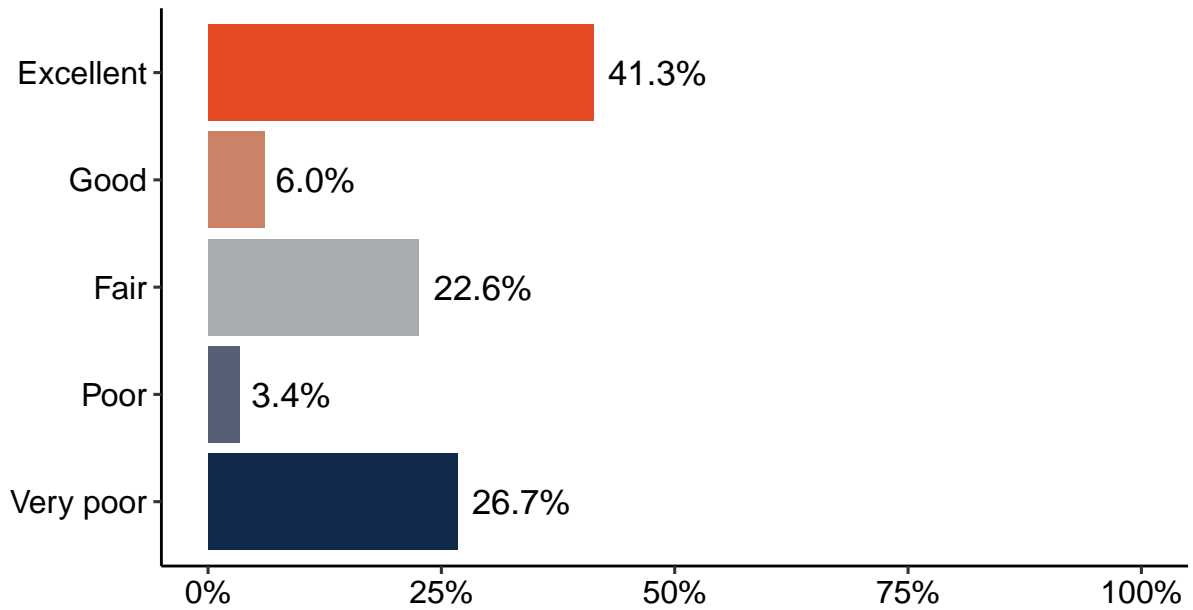


Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
Extremely engaging	77	28.9%	372	42.4%
Very engaging	45	16.9%	86	9.8%
Moderately engaging	17	6.4%	117	13.3%
Slightly engaging	17	6.4%	20	2.3%
Not at all engaging	110	41.3%	282	32.2%
<i>Mean</i>	<i>0</i>	<i>2.86</i>	<i>0</i>	<i>3.28</i>

*Note:*

The greater the mean, the greater the level of engagement (range 1-5).

Please rate your overall experience in this course. Total Number of Responses: 266



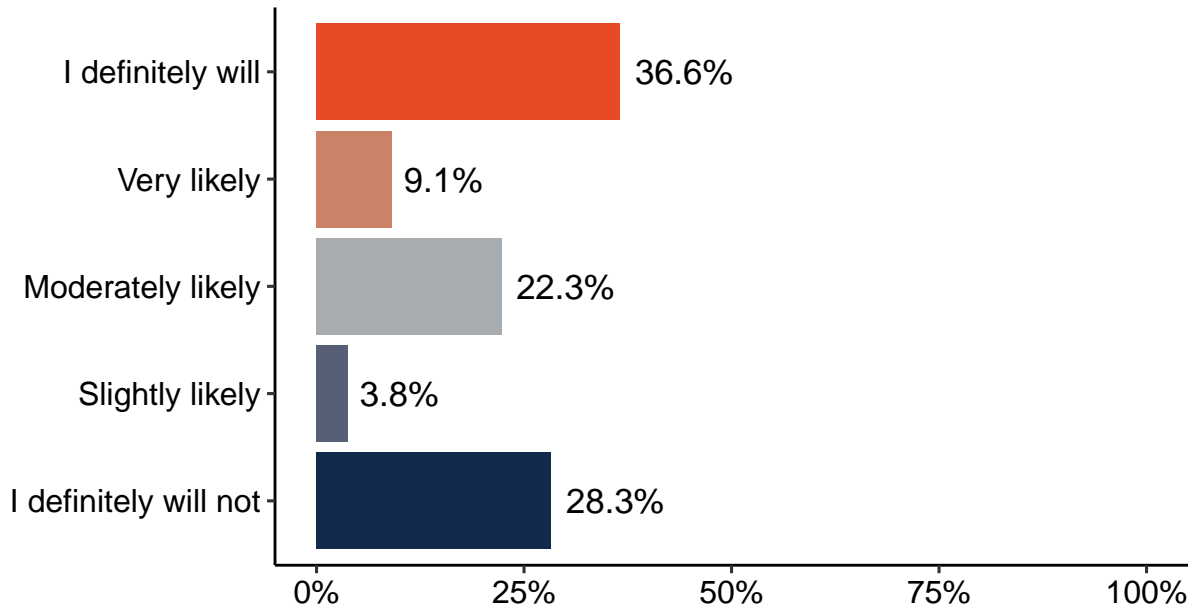
Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
Excellent	110	41.3%	376	42.7%
Good	16	6.0%	17	1.9%
Fair	60	22.6%	332	37.7%
Poor	9	3.4%	9	1.0%
Very poor	71	26.7%	147	16.7%
<i>Mean</i>	<i>0</i>	<i>3.32</i>	<i>0</i>	<i>3.53</i>

*Note:*

The greater the mean, the greater the experience (range 1-5).



Based upon your experiences in this course, how likely are you to enroll in another online course at Illinois? Total Number of Responses: 265



Response	LLL 102 L		LLL College	
	N	Percent	N	Percent
I definitely will	97	36.6%	335	38.1%
Very likely	24	9.1%	47	5.3%
Moderately likely	59	22.3%	307	34.9%
Slightly likely	10	3.8%	14	1.6%
I definitely will not	75	28.3%	176	20.0%
<i>Mean</i>	<i>0</i>	<i>3.22</i>	<i>0</i>	<i>3.40</i>

*Note:*

The greater the mean, the greater the likelihood (range 1-5).

**What was one thing that you found most helpful in this course?** NA (not enough responses)

---

**What was one thing that you found least helpful in this course?** NA (not enough responses)

---

**Are there any other comments about this course that you would like to share with us?** NA (not enough responses)

---

# Metadata

## Questions Used to Determined the Overall Course Scores

Using factor analysis, two indices were created to examine the statistical differences among online courses: Course Quality Score and Course Activities Score. There were no variables within the survey that could be reliably used to calculate a difficulty scale so a single question was used to assess the Course Difficulty Score. The Course Quality Score is comprised of five survey questions. The overall mean score ( $\mu$ ) for the Course Quality Score was 3.21 ( $\sigma = 0.88$ ). The Course Activities Score is comprised of seven survey questions. The overall mean score ( $\mu$ ) for the Course Activities Score was 3.16 ( $\sigma = 0.92$ ). The overall mean score ( $\mu$ ) for course difficulty was 2.38 ( $\sigma = 1.47$ ).

### Course Quality Score Questions

Variable	Question Text	Responses
<i>OverallQuality</i>	Please rate the overall quality of this course.	1='Very Poor' to 5='Excellent'
<i>CourseEffectiveness</i>	How effective was this course in helping you understand the topics presented?	1='Other much more effective' to 5='This course much more effective than others'
<i>HowEngaging</i>	How engaging did you find this course?	1='Not at all engaging' to 5='Extremely engaging'
<i>PracticalLifeApplications</i>	How much do you think the material you learned in this course will have practical applications in your life outside of this course?	1='Not at all' to 5='To the greatest extent'
<i>LikelihoodAnotherIllinoisOnlineCourse</i>	Based upon your experiences in this course, how likely are you to enroll in another online course at Illinois?	1='I definitely will not' to 5='I definitely will'

### Course Activities Score Questions

In general, how useful was each activity for helping you learn the course material?

Variable	Question Text	Responses
<i>Usefulness_VideoLectures</i>	Video lectures	1='Not useful at all' to 5='Extremely useful'
<i>Usefulness_IndividualProjectsAssignments</i>	Individual Projects/Assignments	1='Not useful at all' to 5='Extremely useful'
<i>Usefulness_GroupProjectsAssignments</i>	Group Projects/Assignments	1='Not useful at all' to 5='Extremely useful'
<i>Usefulness_Readings</i>	Readings	1='Not useful at all' to 5='Extremely useful'
<i>Usefulness_QuizzesTests</i>	Quizzes/Tests	1='Not useful at all' to 5='Extremely useful'
<i>Usefulness_LiveSessions</i>	Live sessions	1='Not useful at all' to 5='Extremely useful'
<i>Usefulness_DiscussionForum</i>	Discussion boards/forums	1='Not useful at all' to 5='Extremely useful'

### Overall Difficulty Question

Variable	Question Text	Response Options
<i>OverallDifficulty</i>	Overall, how difficult was this course?	1='Not at all difficult' to 5='Extremely difficult'

### Grand Means and t-Tests

To perform the t-tests, the mean value on the Course Quality Scores, Course Activities Score, and Course Difficulty Score were calculated for each individual course. Next, the mean of the individual course means (i.e. the grand mean) for each measure were calculated, and tested for whether the difference between an individual course and the grand mean was statistically significant. This accounts for the difference between the mean used in the t-tests and those reported in the overall results.

We do not calculate t-Tests for courses with fewer than 5 respondents.

## Report Metadata

---

Report Title:	Illinois Online Courses Survey
<b>Project Sponsor:</b>	Michel Bellini
<b>Survey Administrator:</b>	Kit Santa Ana
<b>Report Authors:</b>	Liqun Zeng & Maria Fox
<b>Software Used:</b>	SPSS v.26, SurveyGizmo, R v.3.6.1
<b>Contact:</b>	If you have any questions, please contact Dr. Maryalice Wu

---