

# University of Nebraska, Lincoln

## Other University Programs Fall 2022 Course Evaluations

**Course:** RAIK-163H-001.1228: INNO PROC&SOFTWARE ENGINR RAIK163H SEC 001 Fall 2022  
**Instructor:** Robert Mackalski \*  
**Response Rate:** 9/40 (22.50 %)

Question		1	Mean	Std	Median
I understand that my response will be anonymous and will not include any identifying information.	n	9	1.00	0.00	1.00
	%	100.00%			

Scale: 1 = Yes

Question		5	4	3	2	1	Mean	Std	Median
Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: I feel welcome and respected.	n	6	3	0	0	0	4.67	0.50	5.00
	%	66.67%	33.33%	0.00%	0.00%	0.00%			
Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: I understand course expectations and how my performance is evaluated.	n	1	4	0	4	0	3.22	1.20	4.00
	%	11.11%	44.44%	0.00%	44.44%	0.00%			
Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: I feel challenged to learn a lot in this course.	n	6	3	0	0	0	4.67	0.50	5.00
	%	66.67%	33.33%	0.00%	0.00%	0.00%			
Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: Course activities effectively promote my learning and interest in the subject.	n	6	2	1	0	0	4.56	0.73	5.00
	%	66.67%	22.22%	11.11%	0.00%	0.00%			
Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: The learning tools (e.g. course texts, notes, slides, videos, exams, projects, etc.) support my learning.	n	4	3	2	0	0	4.22	0.83	4.00
	%	44.44%	33.33%	22.22%	0.00%	0.00%			
Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: I am invited to be an active participant in my learning (either face to face or online).	n	7	2	0	0	0	4.78	0.44	5.00
	%	77.78%	22.22%	0.00%	0.00%	0.00%			
Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: I have opportunities to learn with and from other students in this course.	n	8	1	0	0	0	4.89	0.33	5.00
	%	88.89%	11.11%	0.00%	0.00%	0.00%			
Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: The feedback I receive on my work is useful to me for making changes and improvements.	n	2	5	0	2	0	3.78	1.09	4.00
	%	22.22%	55.56%	0.00%	22.22%	0.00%			

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Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: I know where to go for help in this course if, and when, I need it.	<b>n</b>	4	4	0	0	0	4.50	0.53	4.50
	<b>%</b>	50.00%	50.00%	0.00%	0.00%	0.00%			
Educational research has identified the elements in the below statements as being important to student learning. For each statement, please select your level of agreement regarding your learning experiences in this course: I find communication with the instructor (e.g. office hours, email, Canvas, etc.) effectively supports my learning.	<b>n</b>	4	4	0	0	1	4.11	1.27	4.00
	<b>%</b>	44.44%	44.44%	0.00%	0.00%	11.11%			

Scale: 5 = Strongly Agree, 4 = Agree, 3 = Neither Agree nor Disagree, 2 = Disagree, 1 = Strongly Disagree

Question	What has been beneficial to your learning? From the following list of teaching elements, what is the one thing that has been the most beneficial for your learning in this course so far? After your selection, please provide written comments about the element.	n	%
1	Inclusiveness	0	0.00%
2	Course Performance Expectations	0	0.00%
3	Course Challenge	3	33.33%
4	Engagement in Assignments or Projects	0	0.00%
5	Course Learning Materials and Tools	0	0.00%
6	Active Learning Opportunities	1	11.11%
7	Quality Interactions with Students	3	33.33%
8	Timely and Useful Feedback for Improvement	2	22.22%
9	Support	0	0.00%
10	Instructor Communication	0	0.00%
11	Other	0	0.00%
0	Not Applicable	0	0.00%

You selected 'Inclusiveness'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Course Performance Expectations'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Course Challenge'. Please provide written comments on your choice.: Robert Mackalski

- This course has really put the phrase "sink or swim" into perspective. It through students into the deep end, and with much struggle we got through the course with a lot of new skills. While it may not have been the most enjoyable class, I can see the benefits of the difficulty of the class.
- The course's more abstract way of teaching is challenging but fosters active learning really well by learning through application
- The course provides extremely useful insight on how to create an innovative product. I learned a ton in this class and it provided lots of challenges from which I learned a lot.

You selected 'Engagement in Assignments or Projects'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Course Learning Materials and Tools'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Active Learning Opportunities'. Please provide written comments on your choice.: Robert Mackalski

- I have learned so much throughout the duration of this course, primarily through the open-ended team assignments.

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### You selected 'Quality Interactions with Students'. Please provide written comments on your choice.: Robert Mackalski

- I've loved getting to work with and know more members of the cohort. My group this semester has been great- and I've loved working with them and getting to know them better.
- The group-based learning environment allows me to learn a lot about how to work in a team along with the innovation content itself.
- The highly team-oriented nature of the class makes it very easy to learn from the skills and knowledge of my classmates. Because we work as teams, I get to see the work not only from my perspective but also from their perspective, which expands my own.

### You selected 'Timely and Useful Feedback for Improvement'. Please provide written comments on your choice.: Robert Mackalski

- The feedback provided by TAs on all our assignments is very detailed, and useful to consider for future assignments and eventual redos of current assignments. TAs are also always willing to answer questions, provide examples, and clarify assignments, which given the often intentionally vague nature of the course, is extremely helpful.
- I know that there is tons of grading in this course but I think that getting feedback sooner on team assignments 5 and 6 would have been helpful as my group feels a time crunch with the final presentation and all of the redo's.

### You selected 'Support'. Please provide written comments on your choice.: Robert Mackalski

### You selected 'Instructor Communication'. Please provide written comments on your choice.: Robert Mackalski

### You selected 'Other'. Please provide written comments on your choice.: Robert Mackalski

### You selected 'Not Applicable'. Please provide written comments on why you selected your choice.: Robert Mackalski

Question	What could use some improvement? From the following list of teaching elements, what is the one thing that could most use some improvement to increase your learning? After your selection, please provide written comments about the element.	n	%
1	Inclusiveness	0	0.00%
2	Course Performance Expectations	3	33.33%
3	Course Challenge	0	0.00%
4	Engagement in Assignments or Projects	0	0.00%
5	Course Learning Materials and Tools	1	11.11%
6	Active Learning Opportunities	0	0.00%
7	Quality Interactions with Students	0	0.00%
8	Timely and Useful Feedback for Improvement	4	44.44%
9	Support	0	0.00%
10	Instructor Communication	1	11.11%
11	Other	0	0.00%
0	Not Applicable	0	0.00%

### You selected 'Inclusiveness'. Please provide written comments on your choice.: Robert Mackalski

### You selected 'Course Performance Expectations'. Please provide written comments on your choice.: Robert Mackalski

- I understand that this course is intended to be challenging in vague, but sometimes this is taken to the point where I do not know if the work I am submitting is what is expected. To me, there is a difference between challenging and not knowing what I'm doing, as work can still be challenging with clear expectations. I know that utilizing a lean approach is supposed to be a learning process and many innovators go in blind, but I think I would be better able to apply such an approach if assignments were clearer and submissions were outlined a little more.
- Sometimes the grading done by the TA's is all over the place. Their grading system seems different for every assignment, where they look for different things. Sometimes they will say something in TA hours, and then backtrack on what they said during the grading.
- This is hard because it's the beauty of the class in a way, but it would be nice for certain steps to be taken to clarify expectations to reduce student stress and anxiety if it is being caused by something that can be easily clarified. Also heavier standardization between TA and teacher grading would be really helpful as sometimes it differs.

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You selected 'Course Challenge'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Engagement in Assignments or Projects'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Course Learning Materials and Tools'. Please provide written comments on your choice.: Robert Mackalski

- I think class time could be spent more effectively going over the specifics of our assignment and what the professor is looking for. There were many times when the feedback on our assignment was asking us to do something we had never talked about/didn't know was a requirement. My biggest complaint was the lack of instruction for Assignment 5: Business Models considering very few of us had any knowledge on how to create a budget and projections for a startup.

You selected 'Active Learning Opportunities'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Quality Interactions with Students'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Timely and Useful Feedback for Improvement'. Please provide written comments on your choice.: Robert Mackalski

- I understand that this is part of the course- but sometimes feedback was vague and harder to understand.
- I know that there is tons of grading in this course but I think that getting feedback sooner on team assignments 5 and 6 would have been helpful as my group feels a time crunch with the final presentation and all of the redo's.
- Grades are given out without rubric, making it feel objective how a student scored. Feedback often leaves students feeling dissatisfied or confused, unsure of where they went wrong or why they recieved the grade they did. Assignments are often graded on topics that were not mentioned at all in the assignment read me. Grading is still very fair and applicable, just insanely confusing.
- The assignments (mainly the group assignments) took a long time to receive feedback and a grade for. This was annoying since the course was designed for students to improve upon earlier submissions, but it was difficult if the feedback was not given before the next assignment was due.

You selected 'Support'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Instructor Communication'. Please provide written comments on your choice.: Robert Mackalski

- We get extremely different answers to questions from the professor and TAs, which makes it confusing to know what is expected from us for any given assignment. I very much understand that Innovation Process is NOT a cookie cutter class, and I believe that is a good thing. It is important that we learn to work through uncertainty. However, the whole point of a class built around uncertainty is learning how to better navigate it. Good communication is one of the most important ways to effectively navigate uncertainty, and the lack of good communication within the class is both incredibly frustrating, and actively harms our ability to learn how to navigate uncertainty.

You selected 'Other'. Please provide written comments on your choice.: Robert Mackalski

You selected 'Not Applicable'. Please provide written comments on why you selected your choice.: Robert Mackalski

Question		1	2	3	4
This course is:	n	8	1	0	0
	%	88.89%	11.11%	0.00%	0.00%

Scale: 1 = Required by my major/degree, 2 = Required by my college, 3 = A chosen elective, 4 = Don't know/choose not to answer

Question		1	2	3	4	5
I spend the following average number of hours studying and/or preparing for this course per week:	n	0	2	6	0	1
	%	0.00%	22.22%	66.67%	0.00%	11.11%

Scale: 1 = Less than 1 hour, 2 = Between 1-4 hours, 3 = Between 4-7 hours, 4 = Between 7-10 hours, 5 = More than 10 hours

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Question		1	2	3	4	5
My attendance in this class so far:	n	7	2	0	0	0
	%	77.78%	22.22%	0.00%	0.00%	0.00%

Scale: 1 = I missed 0% of classes, 2 = I missed 1-10% of classes, 3 = I missed 11-25% of classes, 4 = I missed 26-50% of classes, 5 = I missed 51% or more of my classes

Question		4	3	2	1	0
My anticipated grade for this class is:	n	8	1	0	0	0
	%	88.89%	11.11%	0.00%	0.00%	0.00%

Scale: 4 = A, 3 = B, 2 = C, 1 = D, 0 = F