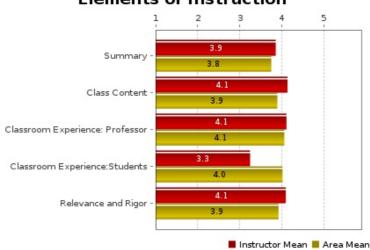
#### **Ratings Summary**

Instructor: lancu, Dan Subject: OIT Catalog & Section: 247, 01 Course Title: **OSM-ACC**Enrollment: **48** Responses Incl Declines: **29**(Declined: **0**)

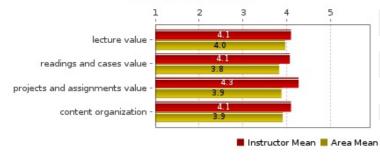
## Elements of Instruction



# Summary content - 3.7 teaching - 4.1 course - 3.8 course - 3.7 Instructor Mean Area Mean

|          | Response<br>Rate | Mear | Mediar | Std<br>Dev | Exceptiona | Very<br>Good | Good | lFai | rPoor |
|----------|------------------|------|--------|------------|------------|--------------|------|------|-------|
| content  | 60%              | 3.7  | 4      | 8.0        | 5          | 13           | 9    | 2    | 0     |
| teaching | <b>j</b> 60%     | 4.1  | 4      | 0.7        | 9          | 14           | 6    | 0    | 0     |
| course   | 60%              | 3.8  | 4      | 8.0        | 6          | 11           | 11   | 1    | 0     |

#### **Class Content**

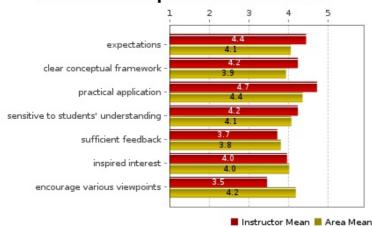


|                                | Rate | MeanMedian Dev |   |     | 5.04.03.02. |      |   | 01.0 <sup>-</sup> 1.0 |   |  |
|--------------------------------|------|----------------|---|-----|-------------|------|---|-----------------------|---|--|
| lecture value                  | 60%  | 4.1            | 4 | 0.7 | 8           | 17 3 | 1 | 0                     | 0 |  |
| readings and cases value       | 60%  | 4.1            | 4 | 0.7 | 6           | 17 2 | 1 | 0                     | 3 |  |
| projects and assignments value | 60%  | 4.3            | 4 | 0.6 | 11          | 15 3 | 0 | 0                     | 0 |  |
| content organization           | 60%  | 4.1            | 4 | 0.7 | 8           | 17 3 | 1 | 0                     | 0 |  |

Scales:

■ Instructor Mean ■ Area Mean 5.0 - Strongly Agree; 4.0 - Agree; 3.0 - Unsure; 2.0 - Disagree; 1.0 - Strongly Disagree; -1.0 - NA;

## Classroom Experience: Professor

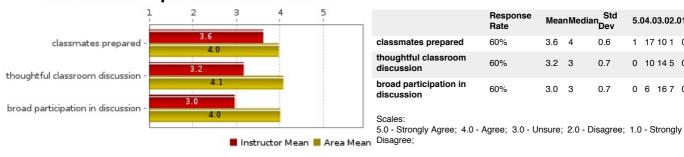


|                                      | Response<br>Rate | Mea | nMedia | Std<br>n <sub>Dev</sub> | 5.04. | 03.0 | <b>)2</b> .( | 01.0 |
|--------------------------------------|------------------|-----|--------|-------------------------|-------|------|--------------|------|
| expectations                         | 60%              | 4.4 | 5      | 0.6                     | 15 12 | 2 2  | 0            | 0    |
| clear conceptual framewor            | <b>k</b> 60%     | 4.2 | 4      | 0.6                     | 10 16 | 3    | 0            | 0    |
| practical application                | 60%              | 4.7 | 5      | 0.5                     | 22 6  | 1    | 0            | 0    |
| sensitive to students' understanding | 60%              | 4.2 | 4      | 0.8                     | 13 11 | 4    | 1            | 0    |
| sufficient feedback                  | 60%              | 3.7 | 4      | 0.9                     | 5 14  | 18   | 1            | 1    |
| inspired interest                    | 60%              | 4.0 | 4      | 0.9                     | 9 12  | 2 6  | 2            | 0    |
| encourage various viewpoints         | 58%              | 3.5 | 3      | 0.9                     | 4 8   | 14   | - 1          | 1    |

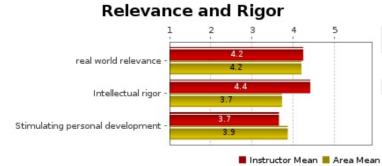
Scales:

5.0 - Strongly Agree; 4.0 - Agree; 3.0 - Unsure; 2.0 - Disagree; 1.0 - Strongly Disagree;

## Classroom Experience:Students



|                                   | Response<br>Rate | Mea | nMedia | Std<br>Dev | 5.0 | 04.03.02.01.0 |
|-----------------------------------|------------------|-----|--------|------------|-----|---------------|
| classmates prepared               | 60%              | 3.6 | 4      | 0.6        | 1   | 17 10 1 0     |
| thoughtful classroom discussion   | 60%              | 3.2 | 3      | 0.7        | 0   | 10 14 5 0     |
| broad participation in discussion | 60%              | 3.0 | 3      | 0.7        | 0   | 6 167 0       |



|                                  | Response<br>Rate | Mear | Mediar | Dev | Very<br>High | High | nModerate | ∍Low | Very<br>Low |
|----------------------------------|------------------|------|--------|-----|--------------|------|-----------|------|-------------|
| real world relevance             | 60%              | 4.2  | 4      | 8.0 | 13           | 10   | 6         | 0    | 0           |
| Intellectual rigor               | 60%              | 4.4  | 4      | 0.6 | 13           | 15   | 1         | 0    | 0           |
| Stimulating personal development | 60%              | 3.7  | 4      | 1.0 | 6            | 12   | 7         | 3    | 1           |

enrolled Career interest background MBA 1 100% Directly related to my career 89% Slight 38% MBA 2 0% Not directly related to my career 0%Moderate 48% Sloan 0% Not sure Extensive 14% **PhD** 0% Other 0%

| preparatio | n time | clas | ses missed | quantitative background |     |  |  |  |
|------------|--------|------|------------|-------------------------|-----|--|--|--|
| 0-2 hours  | 24%    | 0    | 83%        | Slight                  | 7%  |  |  |  |
| 2-4 hours  | 59%    | 1    | 17%        | Moderate                | 31% |  |  |  |
| 4-6 hours  | 17%    | 2    | 0%         | Extensive               | 62% |  |  |  |
| 6-8 hours  | 0%     | 3    | 0%         |                         |     |  |  |  |
| 8 hours    | 0%     | 4    | 0%         |                         |     |  |  |  |

Instructor: Iancu, Dan Subject: OIT Catalog & Section: 247, 01 Course Title: OSM-ACC Enrollment: 48 Responses Incl Declines: 29 (Declined: 0)

#### 1. Comments

Provide comments about the course, positive and negative, to be posted on the Course Unofficial Website where it can be seen by the entire GSB community (non-required courses only).

- Too technical, it doesn't need to be a core class.
- 2 credits is too little for so much work. On average I spent more than 4 hours a week to prepare for the class and couldn't finish everything...
- I wish this class had been twice a week. Especially after the mid term I could have used a lot more class time to go over concepts and practice problems. Other than that, the class was a lot of fun, even though it was at 8 am.
- Dan is a great professor and the course is really enjoyable. Both Dan and CAs were very generous with their time in helping with assignments and questions outside of class. It was a bright spot in my fall quarter. I wish it had been 2x/week though because we never go through everything Dan had planned.
- Dan lancu is a fantastic professor. Regardless of what level he is teaching, trust that he will explain concepts clearly and have incredible patience when you are confused. Really stellar and approachable guy overall.
- Dan is amazing, he goes the extra mile to make sure students keep up with all topics and is always available to help. He's very passionate about it, knows it like the back of his hand and was able to engage students despite it being an 8:00am class.. I wish it were a 4 unit course with two classes per week rather than just one, so as to give us time to deepen concepts and cover even more interesting, practical topics. This was the most useful course I had during the Autumn Quarter.
- Great introduction to modeling and simulation. This is a skillset course, and as someone with no modeling experience, I felt that I learned a lot, and have a lot more confidence about what it means to do modeling. Professor lancu is phenomenal. He explains things well and is incredibly passionate about the subject.<br/>
  br/>br/>My main critique of the class is that I'm not sure all the students are on the same page. Some seem to have already mastered most of the course content before the GSB, and that makes it feel difficult for those who are really learning the material for the first time. I'd suggest more clarity about who "accelerated" is for, and likely push the experienced modelers up to advanced, even if they didn't bother to take the placement test
- This was one of my favorite courses this quarter. I found the content intriguing and challenging, and I want to
  explore it even more. Professor lancu was great at explaining the in-class examples, and I wished more time
  was allowed for his explanations each class session. The peer feedback assignments got a bit repetitive (I'd
  recommend doing 1-2 instead of 3-4). Additionally, homework #6 was disproportionately difficult and time
  consuming for the course.
- Cool concepts and tools covered at a good pace. However 8am is a terrible time for a lecture about solver ...
- Wonderful class, come prepared and it will be both interesting and fun. Not an easy class, though.
- lancu is a great professor and is very accommodating of the level students in the class are. However, this does not change that most people feel they will likely not use OSM in their future careers unless they plan to go into a technical finance or operations role. Given that, it is hard to see the value in everyone being required to take this course. I think OSM would be better as an elective.
- Extremely useful course. Prof lancu really cares about making sure that everyone grasps the material. Workload is significantly heavier than base and advanced. I also liked the online youtube videos and instructions a lot. Since there was no textbook, I think that even more learning materials and cheat sheets would be helpful and give us some meaningful takeaways from each class.
- Dan lancu is awesome. The accelerated class moves fast, but it's possible to keep up with it. It's overall a very
  fun class. I'll be able to apply some of the stuff I learned here to work situations. Overall, I really enjoyed this
  hands-on class.
- This course has very tangible applications in real life, probably more than every other quantitative course taught at the GSB.

## Provide comments about the course, positive and negative, to be seen by the instructor only. Constructive comments on how to improve the course are encouraged.

- I loved this course the lab format was great and Dan is a great instructor. However, as someone with a very strong background in modelling even I got lost towards the middle of the quarter for lack of class time to go over the in class problems in depth. This class should be 2x/week but still only 1 assignment/week. It would be great to get more time for the in class lab assignments.
- Brilliant class! The content was extremely applicable to real-life context, and the assignments were intellectually stimulant. I really appreciated the course and would like to have an extra course to deep-dive on some of the topics for which we didn't have as much time and to cover new topics. Please, please create such a course and you can count with at least one student enrolling (me)! I am eager to learn more.
- I really didn't like the peer evaluation. The class was busy as it is and finding bugs for a model I don't understand is exhausting and not educational. To be honest I never checked my assignment peer evaluation

feedback, only the official answers.<br/>
<br/>
Other than that, I really liked the class and would love to take a more advanced one.

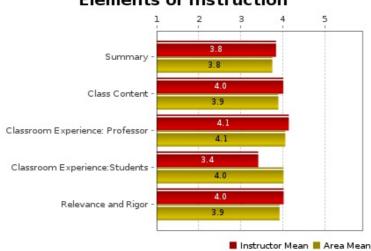
- I really appreciated your passion and dedication to making this course as digestable as possible for all of us. If OSM stays standalone, my one suggestion would be to move the lectures to pre-readings or videos to watch so that all of the class time is spend doing the exercises. This would allow students to be more engaged and give more time to ask questions about concepts you did not fully understand in the pre-class assignments and readings.
- Overall, I loved this class, Dan. Thank you.<br/>
  br/>
  br/>A few notes:<br/>
  br/>
  Not sure if you have sway on this, but having this class at 8 am was brutal. My brain doesn't work that well at 8 and I definitely felt that it was a disadvantage when doing problems in class. I didn't learn as much as I could have and had to review class work on my own time later.<br/>
  br/>
  1. The unit with binary constraints and turning things into linear optimization was a bit confusing, especially with the cheat sheet. I wish we could have spent more time learning this and developing the intuition. I think more videos are absolutely necessary for this part. I went to many office hours to get this explained to me and I still don't feel confident that I'll be able to pull this off on the final.<br/>
  cbr/>
  have sway on this, but having if you have sway on this, but having the same if you have sway on this, but having the same I could have and I definitely felt that it was a disadvantage when doing problems in class. I didn't learn as much as I could have and had to review class work on my own time later.<br/>
  confusion. I think more videos are absolutely necessary for this part. I went to many office hours to get this explained to me and I still don't feel confident that I'll be able to pull this off on the final.<br/>
  cbr/>
  have brained to me and I still don't feel confident that I'll be able to pull this off on the final.
- May help to have students reflect on their prior work experience and suggest some potential use cases for the
  applications. That would be useful to inspire student interest further.
- A bit too much talking/lecture at the beginning of class. I was in base OSM for a session and he doesn't talk as much. Later in the course, you broke the lecturing up into several shorter segments and that's much more effective.
- One of the most passionate professors I have ever had. I truly enjoyed Professor lancu.
- I believe that this class needs to be 2 times a week. The one week gap right now is just too much before for the concepts to stick and we are forced to rush through the concepts at such a pace (and I have had some experience with the concepts beforehand so if this was completely new I could see it being particularly challenging). I also think that the class needs to do a better job of connecting the theory to the practical applications for example, with the "cheat sheet" on how to handle non-linearity we need to spend more time connecting the algebra and intuition to the application in excel for the concepts to really stick.
- This was a meaningful class. I think you drew a bad time to teach, thursday morning at 8 a.m. is a tough spot to fill. Enjoyed the projects and rigor of the course, and especially the fact that there were right and wrong answer in the absolute sense!
- Averall it was a great course and the intructor did a great job. However, I do consider that there was a significant
  difference in the excel skills of the students, slowing/fasting the course's pace. In addition, it would be nice to
  have optional readings of the subjects that we could not cover in class.
- This is an extremely difficult subject to teach well and effectively; I think you taught it extraordinarily well. I think as a practical matter, the teaching materials for students i.e., the cheat sheet, a "1-pager" that explains the logic behind different difficult concepts, etc. could be markedly improved and would have helped me internalize much of the information much more effectively.
- I really wish we would have spent more time with Crystal Ball and less time with Discrete Optimization. HW #6
  (the one that was extremely challenging) really set us back instead of moving to Crystal Ball, we ended up
  spending more time on the same subject.
- I like the combination of lecture and lab, but it's just so little time outside the class to study the topics. Plus, the workload is WAY too much high. Seriously, I don't think anyone can spent less than 2 hour per week doing homework.

#### **Teaching Evaluation Summary (2014-15 GSB Autumn)**

#### **Ratings Summary**

Instructor: Iancu, Dan Subject: OIT Catalog & Section: 247, 02 Course Title: OSM-ACC Enrollment: 42 Responses Incl Declines: 26 (Declined: 0)

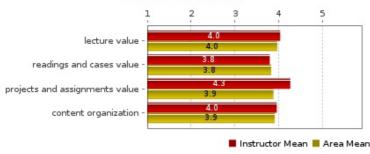
## Elements of Instruction



# Summary content - 3.8 teaching - 4.0 course - 3.7 course - 3.7 Instructor Mean Area Mean

|          | Response<br>Rate | Mear | Mediar | Std<br>Dev | Exceptiona | Very<br>Good | Good | lFai | rPoor |
|----------|------------------|------|--------|------------|------------|--------------|------|------|-------|
| content  | 61%              | 3.8  | 4      | 0.7        | 3          | 17           | 4    | 2    | 0     |
| teaching | <b>j</b> 61%     | 4.0  | 4      | 0.9        | 8          | 13           | 3    | 2    | 0     |
| course   | 61%              | 3.7  | 4      | 0.8        | 3          | 15           | 5    | 3    | 0     |

#### **Class Content**

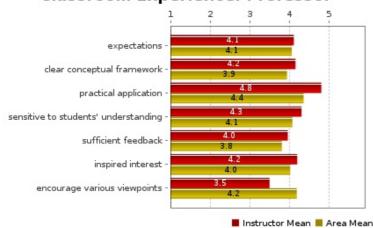


|                                | Response<br>Rate | MeanMedian Dev |   |     | 5. | 5.04.03.02. |   |   | 0 <sup>-</sup> 1.0 |
|--------------------------------|------------------|----------------|---|-----|----|-------------|---|---|--------------------|
| lecture value                  | 61%              | 4.0            | 4 | 0.9 | 7  | 16 1        | 1 | 1 | 0                  |
| readings and cases value       | 61%              | 3.8            | 4 | 0.9 | 5  | 13 5        | 1 | 1 | 1                  |
| projects and assignments value | 61%              | 4.3            | 4 | 0.9 | 11 | 13 1        | 0 | 1 | 0                  |
| content organization           | 61%              | 4.0            | 4 | 1.0 | 7  | 15 1        | 2 | 1 | 0                  |

Scales:

■ Instructor Mean ■ Area Mean 5.0 - Strongly Agree; 4.0 - Agree; 3.0 - Unsure; 2.0 - Disagree; 1.0 - Strongly Disagree; -1.0 - NA;

## Classroom Experience: Professor

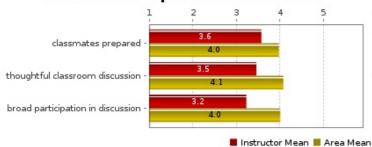


|                                      | Response<br>Rate | Mea | nMedia | Std<br>n <sub>Dev</sub> | 5.0 | 04.0 | 3.0 | )2.( | 01.0 |
|--------------------------------------|------------------|-----|--------|-------------------------|-----|------|-----|------|------|
| expectations                         | 61%              | 4.1 | 4      | 0.7                     | 8   | 13   | 5   | 0    | 0    |
| clear conceptual framework           | <b>c</b> 61%     | 4.2 | 4      | 0.6                     | 7   | 16   | 3   | 0    | 0    |
| practical application                | 61%              | 4.8 | 5      | 0.4                     | 21  | 5    | 0   | 0    | 0    |
| sensitive to students' understanding | 61%              | 4.3 | 4      | 0.8                     | 12  | 11   | 2   | 1    | 0    |
| sufficient feedback                  | 61%              | 4.0 | 4      | 0.9                     | 9   | 8    | 8   | 1    | 0    |
| inspired interest                    | 59%              | 4.2 | 4      | 0.6                     | 8   | 14   | 3   | 0    | 0    |
| encourage various viewpoints         | 61%              | 3.5 | 3      | 0.8                     | 3   | 9    | 12  | 2    | 0    |

Scales:

5.0 - Strongly Agree; 4.0 - Agree; 3.0 - Unsure; 2.0 - Disagree; 1.0 - Strongly Disagree;

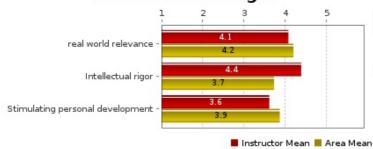
## Classroom Experience:Students



|                                   | Response<br>Rate | MeanMedian Std<br>Dev |   |     | 5.04.03.02.01.0 |         |   |  |  |
|-----------------------------------|------------------|-----------------------|---|-----|-----------------|---------|---|--|--|
| classmates prepared               | 61%              | 3.6                   | 4 | 0.6 | 1               | 14 10 1 | 0 |  |  |
| thoughtful classroom discussion   | 61%              | 3.5                   | 4 | 0.8 | 2               | 11 11 1 | 1 |  |  |
| broad participation in discussion | 61%              | 3.2                   | 3 | 0.9 | 2               | 8 11 4  | 1 |  |  |

Scales: 5.0 - Strongly Agree; 4.0 - Agree; 3.0 - Unsure; 2.0 - Disagree; 1.0 - Strongly Disagree;

## Relevance and Rigor



|                                  | Response<br>Rate | Mear | nMediai | Std<br>Dev | Very<br>High | Higl | nModerat | eLov | Very<br>Low |
|----------------------------------|------------------|------|---------|------------|--------------|------|----------|------|-------------|
| real world relevance             | 61%              | 4.1  | 4       | 0.7        | 6            | 17   | 2        | 1    | 0           |
| Intellectual rigor               | 61%              | 4.4  | 4       | 0.7        | 13           | 11   | 1        | 1    | 0           |
| Stimulating personal development | 61%              | 3.6  | 4       | 0.9        | 4            | 12   | 6        | 4    | 0           |

enrolled Career interest background MBA 1 100% Directly related to my career 68% Slight 23% MBA 2 0% Not directly related to my career 0% Moderate 73% Sloan 0% Not sure Extensive 4% **PhD** 0% Other 0%

preparation time classes missed quantitative background 0-2 hours 27% 77% Slight 38% 23% **2-4 hours** 38% Moderate 4-6 hours 35% Extensive 0% 54% **6-8 hours** 0% 0% 8 hours 0% 0%

Instructor: Iancu, Dan Subject: OIT Catalog & Section: 247, 02 Course Title: OSM-ACC Enrollment: 42 Responses Incl Declines: 26 (Declined: 0)

#### 1. Comments

Provide comments about the course, positive and negative, to be posted on the Course Unofficial Website where it can be seen by the entire GSB community (non-required courses only).

- Professor lancu is great for accelerated OSM class. The class is well organized for people who has some quantitative background. I feel that I have a good handle on linear optimization after this class.
- Professor lancu is clearly an expert at this subject but he is not very good at explaining it to others. I liked that the class was structured in a peer-lab but I felt I truly had to teach all the material myself or learn from peers. I did not get much out of his lectures, though I know he tried and really cared about students. These concepts are difficult to explain in abstract and do not work if you present them on slides. I would have appreciated if he walked us through examples together before we had to do class exercises or homework assignments. That way, it sets an even bar for people who may not have come from i-banking or have a ton of modeling experience.
- Dan is an incredible professor. His interest and knowledge in the subject and his enthusiasm for and commitment to our learning and understanding makes the course.
- Course is very interesting. However I believe more time would have been appropriate to cover the issues in more depth
- Professor lancu is extremely engaging and high energy. He did a great job of demonstrating the real-world
  applications of the models he was teaching. Not sure why this is a required class, since I imagine many of my
  classmates will never use it again, but it was extremely interesting and well-taught, and could be very valuable
  to someone who does work with simulations and linear optimization in the future.
- The exercises and learnings are challenging but great learning. Dan lancu is a great guy and is extremely passionate. His subject knowledge is fantastic. Sometimes his lectures go over the head though.
- I really enjoyed this class. Dan is a great teacher and really knows the material. It's hard to get through too much in a class that is only one day a week though.
- A great introductory course! Challenging at times, but teaches skills every student should have. I wished it
  weren't so compressed (ie. on class per week) so that we could have had the opportunity to go deeper. And
  professor lancu is fantastic!
- Dan is a rock star- a great class all around. The assignments allow you to test your skills, and he and the CAs are always available to help. One of the highlights of the fall

## Provide comments about the course, positive and negative, to be seen by the instructor only. Constructive comments on how to improve the course are encouraged.

- The group settings are helpful sometimes, but sometimes could be a drag. It would be nice to change the last assignment to individual assignment, so that we have less hassle in the final week.
- The course has been great. I take back a lot of learning that I think I can use. I think you have been a great teacher with a fantastic attitude. Your passion, knowledge, support and caring that you show is something I really liked. When it comes to the lectures where you are speaking about the theory, it gets too complicated. Use of practical examples of how to do it would be much more helpful.

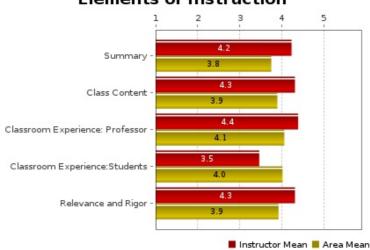
- · Dan was a great professor!
- A required class that has lots of promise, but ultimately fails to deliver. Professor is a really nice guy and clearly
  very knowledgable, but the content is painful to learn. Would've liked more dynamic optimization learning (we
  touched on the subject briefly in last class). Feels like we're learning to use outdated software (solver, crystal
  ball). We all agree that OSM is a valuable skill, but I don't immediately see relevance to real world using these
  two programs.
- Kindest, most thoughtful professor ever. We could have gone deeper into topics. I'd recommend making the class meet twice a week and be four credits. Modelling is critical in business these days and the GSB doesn't have enough offerings.

- A follow-up to this accelerated course would be worthwhile! Thanks for helping me come away with a practical skill that I can take with me after b-school.
- · Dan was an incredible teacher
- I liked how the class was based in a computer lab. It made it much easier to follow and learn the concepts as opposed to a lecture. It was also helpful to rotate partners.
- Course content was well thought out and interesting. Most of the homeworks were intellectually stimulating.
- The lecture format for this class works very well, and I would recommend continuing it. However, I would shorten the amount of time spent on discrete optimization and I would try to spend more time in class going over the exercise questions.
- Professor lancu is a fantastic instructor. He was great at encouraging interest in the course, and the material felt very relevant. The level or rigor was refreshing, too.

#### **Ratings Summary**

Instructor: **lancu**, **Dan** Subject: **OIT** Catalog & Section: **247**, **03**  Course Title: **OSM-ACC**Enrollment: **44** Responses Incl Declines: **27**(Declined: **0**)

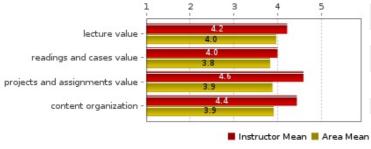
### Elements of Instruction



# Summary 1 2 3 4 5 content - 4.2 teaching - 4.4 teaching - 4.2 course - 4.2 Instructor Mean Area Mean

|          | Response<br>Rate | Mear | Mediar | Std<br>Dev | Exceptiona | Very<br>Good | Good | lFai | rPoor |
|----------|------------------|------|--------|------------|------------|--------------|------|------|-------|
| content  | 61%              | 4.2  | 4      | 0.7        | 9          | 14           | 4    | 0    | 0     |
| teaching | <b>j</b> 61%     | 4.4  | 4      | 0.7        | 13         | 12           | 1    | 1    | 0     |
| course   | 59%              | 4.2  | 4      | 8.0        | 9          | 13           | 3    | 1    | 0     |

#### Class Content

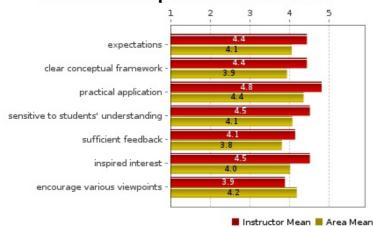


|                                | Response<br>Rate | MeanMedian Dev |   |     | 5.04.03.02.01.0 |     |   |   |
|--------------------------------|------------------|----------------|---|-----|-----------------|-----|---|---|
| lecture value                  | 61%              | 4.2            | 4 | 8.0 | 12 10           | 4 1 | 0 | 0 |
| readings and cases value       | 61%              | 4.0            | 4 | 0.9 | 9 8             | 7 1 | 0 | 2 |
| projects and assignments value | 61%              | 4.6            | 5 | 0.5 | 16 11           | 0 0 | 0 | 0 |
| content organization           | 61%              | 4.4            | 4 | 0.6 | 13 13           | 1 0 | 0 | 0 |

Scales:

■ Instructor Mean ■ Area Mean 5.0 - Strongly Agree; 4.0 - Agree; 3.0 - Unsure; 2.0 - Disagree; 1.0 - Strongly Disagree; -1.0 - NA;

## Classroom Experience: Professor

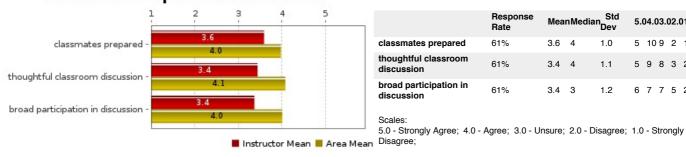


|                                      | Response<br>Rate | MeanMedian Dev |   |     | 5.04.03.02.01.0 |    |   |   |
|--------------------------------------|------------------|----------------|---|-----|-----------------|----|---|---|
| expectations                         | 61%              | 4.4            | 5 | 0.6 | 14 11           | 2  | 0 | 0 |
| clear conceptual framewor            | <b>k</b> 61%     | 4.4            | 5 | 0.7 | 159             | 3  | 0 | 0 |
| practical application                | 61%              | 4.8            | 5 | 0.5 | 23 3            | 1  | 0 | 0 |
| sensitive to students' understanding | 61%              | 4.5            | 5 | 0.7 | 178             | 1  | 1 | 0 |
| sufficient feedback                  | 61%              | 4.1            | 4 | 1.0 | 13 7            | 5  | 2 | 0 |
| inspired interest                    | 61%              | 4.5            | 5 | 0.6 | 169             | 2  | 0 | 0 |
| encourage various viewpoints         | 61%              | 3.9            | 4 | 0.9 | 9 7             | 10 | 1 | 0 |

Scales:

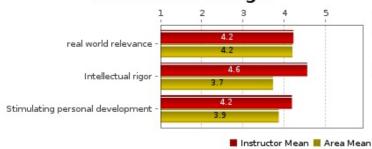
5.0 - Strongly Agree; 4.0 - Agree; 3.0 - Unsure; 2.0 - Disagree; 1.0 - Strongly Disagree;

## Classroom Experience:Students



|                                   | Response<br>Rate | MeanMedian Std<br>Dev |   |     | 5.04.03.02.01.0 |      |   |   |
|-----------------------------------|------------------|-----------------------|---|-----|-----------------|------|---|---|
| classmates prepared               | 61%              | 3.6                   | 4 | 1.0 | 5               | 10 9 | 2 | 1 |
| thoughtful classroom discussion   | 61%              | 3.4                   | 4 | 1.1 | 5               | 9 8  | 3 | 2 |
| broad participation in discussion | 61%              | 3.4                   | 3 | 1.2 | 6               | 7 7  | 5 | 2 |

## **Relevance and Rigor**



|                                  | Response<br>Rate | Mear | Mediar | Std<br>Dev | Very<br>High | High | nModerate | ∍Low | Very<br>Low |
|----------------------------------|------------------|------|--------|------------|--------------|------|-----------|------|-------------|
| real world relevance             | 61%              | 4.2  | 4      | 0.7        | 10           | 14   | 2         | 1    | 0           |
| Intellectual rigor               | 61%              | 4.6  | 5      | 0.6        | 16           | 10   | 1         | 0    | 0           |
| Stimulating personal development | 61%              | 4.2  | 4      | 0.7        | 9            | 15   | 2         | 1    | 0           |

| enrolled      | Career interest                      | background    | preparation time     | classes missed | quantitative background |
|---------------|--------------------------------------|---------------|----------------------|----------------|-------------------------|
| MBA 1 96%     | Directly related to my career 65%    | Slight 30%    | <b>0-2 hours</b> 37% | <b>0</b> 81%   | Slight 0%               |
| MBA 2 4%      | Not directly related to my career 0% | Moderate 56%  | <b>2-4 hours</b> 37% | <b>1</b> 19%   | Moderate 48%            |
| Sloan 0%      | Not sure 35%                         | Extensive 15% | 4-6 hours 22%        | 2 0%           | Extensive 52%           |
| <b>PhD</b> 0% |                                      |               | 6-8 hours 4%         | <b>3</b> 0%    |                         |
| Other 0%      |                                      |               | <b>8 hours</b> 0%    | 4 0%           |                         |

Instructor: Iancu, Dan Subject: OIT Catalog & Section: 247, 03 Course Title: OSM-ACC Enrollment: 44 Responses Incl Declines: 27 (Declined: 0)

#### 1. Comments

Provide comments about the course, positive and negative, to be posted on the Course Unofficial Website where it can be seen by the entire GSB community (non-required courses only).

- This course is great to learn the basics of optimization and modeling. The assignments were interesting and helped in understanding the material. Professor lancu has great experience and makes the class interesting. The lectures are not great when sitting in front of a computer.
- Stimulating course. I had never worked with excel modeling, but found the professor's teaching model easy to follow despite a steep learning curve. I thoroughly enjoyed working on the assignments, but class could run long when you weren't conducting lab work.
- We did not have enough time to go over exercises and practice in class. This subject could be 4 credits. Was
  the most usefull class in the quarter
- This course is interesting only if you like and value excel modeling. The professor made a very good job encouraging students to give it their best efforts, despite having so much content to cover in just 1 session per week. The class goes too fast and for that reason it is easy to feel lost often and you get the feeling that you are not learning either of the topics in full when you are just starting to feel confortable with some topic, the course moves on to a new one. I liked a lot that the excursuses were based on real life/practical business situations. The part I didn't much like was that the professor many times engaged in lecturing about the concepts behind simulation or optimization techniques and made it in a very technical-academic-abstract kind of way, and it becomes very challenging to follow through (long lectures about formulas, slopes, regressions, correlations, shadow prices, constraints).
- lancu was so thoughtful and always ensured the class understood before moving forward. He flexed our planned lessons so that we had an extra day on a topic that was more difficult. He was a great professor!
- This is a good course to get a handle on solver and crystal ball. Pushed a bit hard in the middle but overall it felt like the right level. Dan lancu really knows his stuff and is passionate about getting students excited about the potential. He is very well organized and thoughtful in the planning of classes, communications via canvas and sharing of materials. The lab format is good. This class should really be twice a week to cover more material.
- I found the content in this course boring and not relevant to what the vast majority of us want to do. Unclear to me why Stanford includes this course as a foundation class.
- A very useful class for anyone going into a role that will use analysis to make decisions.
- More time needs to be allocated to this course.
- I was comfortable with Excel but had never done this sort of modelling before. It was challenging but the prof. explained things very clearly. I was pushed but didn't feel lost. A good challenge.
- The course had a steep learning curve and moved through relevant material quickly. The lab format and assignments were well designed and facilitated learning throughout the quarter.<br/>
  The topic range is very broad, so I would welcome a 4unit course with 2 sessions a week (more intense) and some practical follow-ups (e.g. projects for companies). Overall very happy!
- This class was pretty demanding for only meeting once a week. Should be twice a week and maybe 4 credits. Dan is a really good professor who really cares about the experience of his student
- Dan's in-class explanations were really helpful in understanding the models and problems, but in the end we
  spent too much time in partners doing practice problems. Often times we had very little time at the end of
  sessions to review the correct approach. Dan's follow-up slides were very helpful for reviewing key
  concepts/approaches. One suggestion for academic operations -- the class would have been better suited for
  two sessions per week: one to review key concepts and lecture, and the other for practical application; could
  make the class 3 cr. instead of 2.
- Great class Dan is an awesome teacher, and incredibly nice. I occasionally questioned real-world applicability
  of some of the stuff, but found everything to be quite interesting.
- This was a very valuable course but would have been more effective if:<br/>br/>- the team assignments were eliminated, but we were allowed to informally collaborate with fellow students on all of our homework assignments<br/>br/>- the class met 2x per week for the course of the semester, with about 25% more time devoted to lecture on the theory<br/>-br/>Overall, Dan was an excellent instructor and his enthusiasm was always well received and contagious!
- We need more modeling/programming in the MBA program!!! This course would be even better if it were expanded to 3-4 credits and we got to cover more ground. People give MBAs a hard time for not having tangible skills, and the GSB offers very limited opportunities to gain them why? There's a reason classes like FIN 350 are oversubscribed: people WANT these skills. Let's get supply caught up with demand!<br/>
  br/>Also, lancu is a great instructor. He clearly cares about the material and wants everyone to have a good time learning how to use it. I hope to take another class with him.

#### comments on how to improve the course are encouraged.

- Dan I think this class was interesting, but could be even better. I would suggest having the class in a normal classroom. Encourage students to bring their own computers for the classroom exercise and then put them away for the lecture. It's very distracting how often people are on their cell phones/computers and are not paying attention to you. If you could eliminate this and encourage more participation I think it would really help.
- Lab work with instructor assistance was the best learning method for me. Lectures were dry and hard to follow if you hadn't successfully struggled through the material beforehand.
- This course is interesting only if you like and value excel modeling. The professor made a very good job encouraging students to give it their best efforts, despite having so much content to cover in just 1 session per week. The class goes too fast and for that reason it is easy to feel lost often and you get the feeling that you are not learning either of the topics in full when you are just starting to feel confortable with some topic, the course moves on to a new one. I liked a lot that the excursuses were based on real life/practical business situations. The part I didn't much like was that the professor many times engaged in lecturing about the concepts behind simulation or optimization techniques and made it in a very technical-academic-abstract kind of way, and it becomes very challenging to follow through (long lectures about formulas, slopes, regressions, correlations, shadow prices, constraints, etc). As a suggestion to improve these explanations, the way you explained one of the concepts today (the fact that average of simulation results is different than just calculating a result with the average input) using Crystal Ball with 10 variables from .5 to 1.5, etc, was very easy to grasp, as we could see it playing out visually.
- Thanks for a really enjoyable and useful class. It would have been good for this class to be twice weekly perhaps something to pursue in future. The lab format was positive.
- Dan is a really great teacher who does his best with what is really boring material. He is nice, puts a lot of work into the class, and really cares about his students.
- I enjoyed this course greatly! I like the lab-style of the course and the alternating between doing the assignments individually and as teams. The mix between lecture and hands-on application in class was great. I really appreciated that we spent more time on discrete optimization in response to students' requests. It would be great if this class could meet twice a week (but still have one homework assignment a week).
- Great job, Dan!
- Thanks for the helpful curriculum, Dan! I think the learnings would have been a little "stickier" if you had left a
  little more time at the end of classes to go over the problems in class. I also think the class would have benefited
  from additional session per week, so you could spend one on concepts/lecture, and the other on in-class
  practical application/lab.
- Students are hungry for more modeling/programming in the MBA program!!! This is a big part of what people come to Stanford to learn and Stanford of all places should be able to make this happen. The heavy oversubscription of certain OIT, FIN courses should turn a light bulb on.
- Great teaching this not everyone's favorite subject to work on, but lancu makes this class fun and stimulating.
- This class was a real curate's egg. On the one hand, the subject matter is directly relevant to many people's careers, and Prof lancu is clearly a master of his art. However, some of the material is conceptually challenging and Prof lancu did not appear to provide much (if any) extra assistance or review sessions outside the classroom, instead preferring to delegate this work to the TA, who was either completely ignorant of the material or could not articulate the intricacies of the material properly (I am still not sure which). I am certain that the class as a whole would have had an easier time if Prof lancu had made himself more available. Other areas for improvement: the subject matter is so important for modern business that I believe it should count for 4 units, not 2. Finally, I am in two minds about the laboratory-style classroom experience: while it's excellent to have hands-on practice in the classroom, many students use the computers to surf the internet, send messages to each other, or just furtively play with their phones underneath the desks.
- I thought this was a good class overall, as I built some new technical analytical skills and you are a very good instructor (good organization of concepts, clear presentation, always willing to help). My primary concern with the class was that it was too applied and not at all academic. Its unlikely I will need to do these types of models in 10-20 years, but likely I will have to review the output of them as a manager. I wish I understood more of the theory behind optimization (what it is, what it can do, what its limitations are) so that I could make the proper decisions down the road based on that foundational understanding