

# Business Intelligence (Spring 2018)

Instructor: **Rush, Dan**  
 Subject: **ITM**  
 Catalog & Section: **310 3**

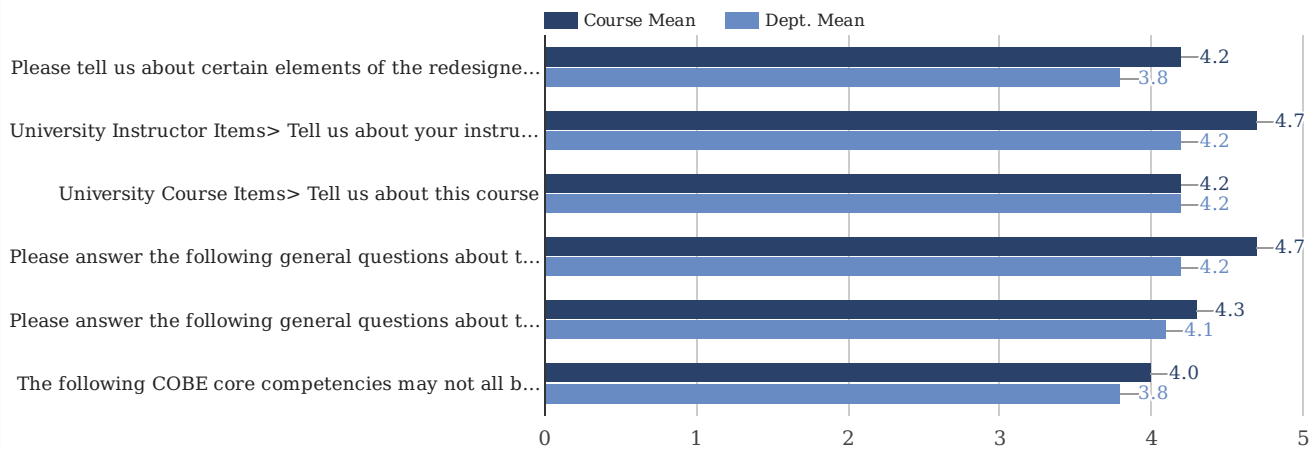
Enrollment: **42**  
 Responses Incl Declines: **29**  
 Declines: **0**

## Instructions

To print or save, select [View as PDF](#), then print or save from the PDF Viewer. ~ Results for Instructor Added Questions are found at end of report.

## Core Questions

### Category Summary



### Please tell us about certain elements of the redesigned ITM310 course

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
The readings + DSMS helped me learn and retain course concepts.	29	69%	0.8	0%	7%	28%	52%	14%	0%
I learned a great deal about enterprise information systems in organizations.	29	69%	0.9	3%	3%	3%	62%	28%	0%
I learned a great deal from the Excel pivot table and charting assignments.	29	69%	0.6	0%	0%	14%	62%	24%	0%
I learned a great deal from the Power BI data modeling (query editor) assignments.	29	69%	0.6	0%	0%	3%	34%	62%	0%
I learned a great deal from the Power BI visualization assignments.	29	69%	0.6	0%	0%	7%	34%	59%	0%
The course covered concepts and skills that will be useful in my career.	29	69%	0.9	3%	3%	0%	48%	45%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

## University Instructor Items> Tell us about your instructor - Dan Rush

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
The instructor seemed prepared for class.	29	69%	0.3	0%	0%	0%	10%	90%	0%
The instructor fostered learning in this course.	29	69%	0.4	0%	0%	0%	17%	83%	0%
The assessment methods were clearly explained.	29	69%	0.6	0%	0%	7%	48%	45%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

## University Course Items> Tell us about this course

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
The objectives of the course were clearly explained.	29	69%	0.7	0%	0%	17%	41%	41%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

## Please answer the following general questions about the instructor - Dan Rush

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
The overall teaching ability of the instructor was high.	29	69%	0.4	0%	0%	0%	24%	76%	0%
The instructor communicated high expectations.	29	69%	0.6	0%	0%	3%	34%	62%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

## Please answer the following general questions about the course

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
Exams, projects and/or assignments were good measures of learning.	29	69%	0.5	0%	0%	7%	69%	24%	0%
The course was intellectually challenging.	29	69%	0.7	0%	0%	10%	48%	41%	0%
The textbook and/or other course materials aided learning.	29	69%	0.6	0%	0%	24%	59%	17%	0%
I gained factual knowledge (e.g., definitions, terms, or categories).	29	69%	0.8	0%	7%	3%	41%	48%	0%
I learned useful concepts (e.g., theories, models, or frameworks).	29	69%	0.9	0%	7%	7%	34%	52%	0%
I learned how to apply course material (e.g., methods, techniques, or procedures).	29	69%	0.6	0%	0%	3%	45%	52%	0%
I learned a great deal from this class.	29	69%	0.8	0%	7%	3%	41%	48%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

The following COBE core competencies may not all be relevant to this course. If not rate them as "N/A".

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
I improved my ability to communicate in writing.	29	69%	0.6	0%	3%	21%	59%	7%	10%
I improved my ability to communicate orally.	29	69%	0.6	0%	0%	17%	59%	10%	14%
I improved my problem solving ability.	29	69%	0.7	0%	3%	10%	59%	28%	0%
I improved my ability to make ethical choices.	29	69%	0.8	0%	3%	34%	31%	10%	21%
I improved my ability to interact effectively with others in professional settings (e.g., in teams or person to person).	29	69%	0.5	0%	0%	10%	66%	17%	7%
I improved my understanding of organizational environments (e.g., global, social, economic, or legal).	29	69%	0.7	0%	0%	24%	55%	17%	3%
I improved my ability to use technology to manage information (e.g., to access, interpret, summarize, synthesize, or convey information).	28	66%	0.6	0%	0%	7%	61%	32%	0%

Note: 1:Strongly Disagree; 2:Disagree; 3:Neutral; 4:Agree; 5:Strongly Agree; -1:N/A;

### University Course Items > Tell us about this course (45 comments)

#### Q: What barriers to learning, if any, did you experience in this course?

- 1 No barriers.
- 2 mac
- 3 .
- 4 It's a hybrid class
- 5 Didn't clearly understand how to use Power BI as an analytics tool. It seemed very clumsy and cumbersome. It seems like it would have been easier to do some cross tabs or pivot tables in Excel with some filters or to use something like Access. There just wasn't enough space on the canvas for much analysis and you would have to jump between tabs which was frustrating.
- 6 NONE
- 7 There were a lot of technical terms that were hard to keep track of.
- 8 The reading questions made it more difficult to understand the subject and terms. I felt more confused after the questions than I did from just reading.
- 9 Only once a week and not very personable.
- 10 No being able to use Power BI on a mac.
- 11 na
- 12 Barriers to learning were the time pressure of doing each assignment by certain time even though I didn't understand some of it.
- 13 n/a
- 14 I experienced a lot of stress, but the good kind. The kind that made me so happy and felt like I learned a lot.
- 15 it was difficult following the directions on the projects. the projects were by far the most difficult part of this class
- 16 Did not click at first but professor made it more clear.
- 17 It was very fast paced and it relied heavily on doing readings. I know that is part of the education system, but I am not great with classes that are textbook heavy. Slides did not help very much when going over the material in class, had to listen very carefully, but was really fast.
- 18 Not everything worked well with a Mac computer
- 19 Power BI not being able to work on macs.
- 20 None
- 21 N/A
- 22 The tutors didn't know a ton about Power BI or didn't help direct very much on final project

**Q: Which aspects of this course were most valuable to your overall learning experience?**

- 1 The teacher was the most valuable aspect of the class.
- 2 assignments
- 3 .
- 4 Dsms and readings, along with lectures
- 5 The actual software tools and applications. While you see me complaining about Power BI, I think the tool is great for data visualization.
- 6 Being able to use concepts taught directly with the applications of it (Power BI and Excel).
- 7 Learning Power BI was valuable and somewhat fun.
- 8 the aspect of the class I found to be the most useful and the only time I truly felt as if I were learning was during the projects. It allowed for the creative use of the tools we already knew how to use. It felt like a real life situation.
- 9 Assignments
- 10 I enjoyed the projects that were broken down because it helped better understand how to use Power BI.
- 11 na
- 12 Most valuable learning experience was understanding and using Power Bi to make graphs and visualization.
- 13 Power BI
- 14 Power BI and metrics
- 15 the terms and homework assignments
- 16 The visuals and tutorial/example videos as it help make it more clear.
- 17 It was a good introduction, but I do not if I retained all the material very well because I can not think of anything off the top of my head. However, going over Power BI and doing a project on it has been a good hands-on experience.
- 18 Learning how to present data
- 19 The assignments and projects that made learning the material from the book easier.
- 20 I really thought that the Dynamic Study Modules were really helpful for me. The assignments were also super helpful.
- 21 Having a computer to use in class with power BI because I had a mac.
- 22 The Assignments with Powerbi.
- 23 Power BI  
Data base work

Please tell us about certain elements of the redesigned ITM310 course (72 comments)

**Q: To improve the course, what are 2-3 things you would drop or do less of?**

- 1 I do not think anything should be dropped.
- 2 no readings  
drop more readings
- 3 It shouldn't be a hybrid class, not as many assignments
- 4 Try to prevent finals earlier than 8:00 AM from happening.
- 5 I would not assign a group project in the last two weeks of class.
- 6 I would do less of the reading quizzes. The structure of the quiz and reading assignment made it difficult to retain. The questions seemed ambiguous, almost as if they were intended to be trick questions which made it difficult to learn.
- 7 Less engage assignments and maybe an assignment every two weeks instead of one.
- 8 - The way the assignments are set in blackboard. It's a bit confusing, so maybe changing the layout a bit.  
- Instead of doing two parts of the project, I would suggest maybe just doing one part with your group. Might be a little less time

consuming.

9 nothing

10 n/a

11 I don't think this course should be mandatory for all business degrees. I strongly believe it was a waste of time, money, and effort in which I could spend doing work that focus on my degree. I will never use this course in my work and really feel as if it should be reevaluated as a mandatory course.

12 Less readings

13 The only thing that I didnt feel helped that much were DSM's.

14 drop time on something to add more time to end of year report

15 .

16 1. I felt we went a little too deep into relational data modeling for transaction processing. I never fully understood cardinality (even though I used the 3 q's - rules of thumb) and honestly, I'm not sure I really need to.

17 Less assignments when an exam happens.

18 I would do less of the dsm's because it felt like more filler work than actually learning. Also, so many mini assignments to do was hard to retain information/

19 nothing

20 the final project and the reading quizzes

21 N/A

22 1. Engage assignments  
2. Less explanation on how to do the hw

23 Post the help videos right after the class, that way people who get the projects done early can get the help that they need.

24 N/A

25 I would not include a midterm and have another project in place of that.

**Q: To improve the course what are 2-3 things you would add or do more of?**

1 I would add more projects or assignments that have Power BI interactions and usage.

2 add two classes a week

more interactive in class, not lecture

3 More class time to use power bi, additional coverage on complex topics

4 Add 5 minutes to most quizzes which were short (20 minutes or less).

5 Honestly I would do more of the DSMs. Especially in the later weeks of the semester. I know we used different books that didn't have the DSM, but it was a lot more difficult for me to pay attention and retain information from those books. I would also suggest doing more problem analysis earlier on as it is such a huge part of the final project.

6 I would like to see more hands on exercises. I found it difficult to understand the systems and networks and have a minimal understanding of how they work together or individually.

7 More examples of how this relates to real world. More in depth with excel and power bi.

8 - Knowing who you're doing your group project with a little earlier on in the semester.

- Moving up the project to start it earlier on the semester. Do one less project to get an earlier start on the project.

9 more than 1 day a week in class sessions

10 n/a

11 More work that applies to the real world, more projects

12 n/a

13 More tutor hours  
Tutors with knowledge of Power BI

14 .

15 1. I would have liked a little more exposure to 'What-If-Analysis' and 'Goal Seeking'. But I also understand there are various levels of knowledge in the class and many people may already be familiar with the tool and the application of the tool.

2. For Power BI project - there were too many metrics and I didn't fully understand how the metrics worked or exactly which metrics I should be most interested in. It seems that if we are looking for sales or profit concerns, there should be a methodology or hierarchy that we should be able to step through. Right now it is like looking for a needle in a hay stack and I know many of us were going down rabbit holes. This was not beneficial for anyone and was incredibly frustrating.
3. Spend more time on the metrics created in Power BI and what they mean and how to use them.

- 16 More time in class for group project, we all work so it is hard to meet up outside of class.
- 17 I would give more time per assignment so were able to understand the material better. With the exams I would say do what you did for study guide on exam 2 as the future for test taking.
- 18 more DSM's, but only few
- 19 n/a
- 20 Go more in depths with Power BI who struggle with it or new to it.
- 21
  1. Explaining hw in class more or doing more examples in class so we retain more and don't have to rely on the step-by-step instructions
  2. Maybe instead of a hybrid, make it a normal course, one day of required instruction and another day where it is just doing work, not required, but can come in for more explanation and have the opportunity for a set time that would have to be available.
- 22 I enjoyed the set up of doing an assignment/ project every week. It was just the right amount of work and I could manage it with all my other classes. I wouldn't add any more components.
- 23 I would add some DSMs to the second book. The DSMs were very helpful to me. Another thing that I would do would be to assign Final project A a week earlier giving a week in between the draft and final. This would give more time to play with the data and get advice from TAs.
- 24 I would do more hands on works in class where we can get instant and personal feedback
- 25 Would add more Power BI modules and assignments to learn more

**Q: Please provide a twitter length description of this course (Maximum 140 characters)**

- 1 ITM310 is a class that helps business students learn how to use the technology tools and programs available for use.
- 2 .
- 3 Hybrid class, very informative, an assignment every week, a couple projects, awesome teacher
- 4 Invaluable for COBE majors. At a minimum, everyone needs to have a high-level understanding of Information Tech Mgt in this High-Tech World
- 5 Fun tech class about data management and presentation
- 6 This class is about Information Systems. It was kinda boring, but Power BI was interesting.
- 7 This course gave an introduction to information systems and how these networks allow for information to travel. The class also teaches the hands on skill of developing reports which is applicable to the real world and I found it to be useful.
- 8 This is a challenging hybrid course designed to allow you to improve your analytical designing skills.
- 9 This course helped me better understand what Information Technology Management is and what it's used for. I learned how to use a new program such as PowerBI which I know can greatly assist me in future jobs.
- 10 na
- 11 The course is do learn how use learn and apply information technology for future uses the business field.
- 12 n/a
- 13 Very organized and loved the videos.
- 14 this course was one of the first classes i have ever taken that was applicable to real life situations such as my internship. i learned a lot of key terms that will help me in the future.
- 15 It was very useful how power BI can be so advanced and how it is very useful for a large amount of data when needed. Also, learning better to use the software and be introduced to it helped me learn something new
- 16 Introduction to technology management. Introduction to Power BI, but not necessarily a retained understanding.
- 17 This course can be easily passed if you apply yourself and stay on top of things. The assignments use platforms such as Power BI that can be applicable in your future. Overall a good course.
- 18 This course is great for people who learn by actually doing things. Even though some of the readings can be tedious, they are an important part of the course because it allows you to understand what is going on when your actually applying the concepts to Excel and Power BI. The assignments are a great tool to measure your understanding of the course material and they also serve as a learning tool because you constantly have to play around with the programs. The exposure really helped me retain information.

19 I don't use twitter... ITM 310 is a challenging course. You must invest a lot of time and patience into the class in order to get a good grade. Definitely a frustrating one, but very interesting!!

20 great technology information course

21 A class that is well rounded to any business degree that you may be completing.

22 Interactive, useful application of visual data for business. Great class

## Instructor Added Questions

### Quantitative Questions

No Data.