

CE 450/550 Transportation Safety Analysis CRN 65571/65574– Monsere (Spring 2008)

- I really enjoyed this class and Dr. Monsere is a great professor. Less power point lectures would be nice.
- Balance out the HW more (more in the first half). Provide HW solutions. More baby setups with the software.
- The use of higher levels of computer code (R) and statistical analysis may be a bit over the head of many students. I think focusing more on a lesser number of subjects would be more beneficial than trying to cram so many subjects into one term. Overall, the context seemed very similar
- to what is used in real world applications, especially the safety project. I would start projects earlier & require updates to help identify issues & keep project progress going. Also, before & after evaluations was something I wish I had more time to learn, I do know we ran out of time since there were a few days instructor missed for family reasons (congrats again).
- Too much crammed into a one term course. Assumes students are computer literate i.e. understand database queries, etc. Too much powerpoint.
- One of my best courses at PSU - your knowledge and work in putting this class together is much appreciated. I think the sections on R were worthwhile, especially for Grad students, though some undergrads found it too difficult. The paper on "Safety info in Murky Waters" was especially interesting, and might merit class discussion and/or sampling out papers w/ discussed errors.
- It's better having other references, like text books.

CE 454 Urban Transportation Systems CRN: 200704 Monsere (Fall 2007)

- The PowerPoint presentations were hard to follow / take notes on. More time to record important info. from slides before changing would be helpful.
- Great class. It would be nice if all the lectures were available on the web site in PowerPoint format. The PowerPoint that are available helps a lot. I wish all the PSU teachers would do this.
- Good class, lots of good material. Much better than C 351. Examples on board didn't go as well as they could have. I appreciated Dr. Monsere's enthusiasm for the subject and trying to involve the class. That was helpful.
- Dr. Monsere is very helpful and leads a good class. Could do with less statistical info. (how big signals are, how many deaths per year, etc.) an more "meat" such as pavement design.
- Too many PowerPoint presentations that did little to explain topics. More as filler than explanation. Not enough time on how to actually use the necessary equations to conduct analysis. Quite often, appeared unprepared or unsure when working example problem, leading to a lot of confusion.
- The pace of the course fit well with the extra requirements. The project is a great way to get involved in a practical project. However, a lot of the material is being taught in the junior level class. More computer modeling (if you can)
- Need more examples of the complex material. One lecture was very confusing. Chapter 8 Appendix A & B were very confusing. A more systematic lecture would have been helpful. But all other lectures were very well done.
- Dr. Monsere is a very effective instructor. His pace and delivery of the material are clearly used to educate. He cares about the learning of students in his class. Homework solutions are effective.
- The review jeopardy was fantastic (and I usually don't enjoy those things). Board presentations were better than PowerPoint (they felt like they had more depth to the technical issues). Figures were well used in PowerPoint. The class could stand to go into a little more complexity with design & technical issues since so much is based on equations.
- Exceptional teaching job! Peaked my interest in Transportation engineering.
- The class was well put together and flowed well. Even though I do not want to be a traffic engineer, I found it very interesting.
- This class should be focused on traffic engineering. Need transportation engineering on the civil engineering side.
- I did not feel prepared enough or have that good of an understanding for the material that was covered on the first midterm.

- Sometimes instructor drank too much Coca-Cola. Overall, increased my knowledge of traffic engineering.
- Enjoyed the class, great teacher.
- Pace was good, timely return of exams, great use of multimedia - good class.
- I believe the class could be reformatted to apply more directly in a civil sense. Meaning the class should incorporate the design of roads, lanes, routes, etc. including pavement, asphalt cross sections, super elevation, city, federal, county requirements and so on. Although the class provided some useful information, I felt like it was more of a traffic philosophy class.
- I still don't like this subject, but I don't hate it anymore. Thank you Dr. Monsere! This book is much, much better than the CE 351 trans class.
- Loved the material. I am a bigger fan of the blackboard compared to PowerPoint, but the PowerPoints were well done. I also liked the course website, it was very helpful. The prompt return of the tests was unusual considering I've never had a test returned to me by the next lecture. I GREATLY appreciated it.

CE 407/507 Seminar: Cost-Benefit Analysis CRN 60447/60462 – Monsere (Spring 2007)

- This was a good class for understanding of transportation projects. I believe that this class will help me in the real world.

CE 450/550 Transportation Safety Analysis CRN 64813/64814 – Monsere (Spring 2007)

- I appreciated the emphasis on safety design and modeling. I think such a focus will be most helpful in my future career as an engineer.
- I have enjoyed all of Dr. Monsere's courses. The presentation and notes are easy to follow, study, and are better than any other curriculum in the department. I would not change anything about the course. Dr. Monsere speaks clearly, has a good sense of humor, and keeps the class motivated. Out of all the faculty, from myself and others, we all love Dr. Monsere. Keep up the good work.
- The content of the course is very helpful and beneficial.
- This class helped me to realize what kinds of skills I would need to make it through graduate school.
- The only thing I would change about this course is the r programming. It would maybe be more effective to learn basic coding rather than copy/paste. Great course. Dr. Monsere has a general interest in students and is very fair.
- Dr. Monsere is one of the best professors we have here at PSU, he is genuinely interested in helping us learn and is passionate about the subject. More site investigations would be nice but the course was well done anyhow.
- Great class! For the r program I like how you wrote out the instructions, but maybe add a little more detail to make them easier to follow and learn the program. Good class project ideas.
- The r-database was difficult to understand without prior knowledge of computer code writing. The analysis of the data was very helpful during the project to help understand modeling and things needed to analyze intersections and roadways. This was a very good class.
- Great step by step of R. Course projects were done very well. I like the examples you gave to get us thinking and to keep us from getting frustrated. Saves time too so we don't have to figure everything out. You put humor into slides and you're honest about your teaching approach – thanks! I just wish had time to read everything! This class is clearly comfortable with your teaching style. I wish we could have gotten more depth in the modeling methods, but with what you've given up considering the short time of the class, it was adequate. Also the easier stuff – collision diagrams, crash analysis, accident reconstruction that was not so math oriented gave the class a good balance.
- This was probably my favorite class over the entire program. Although I do find safety fascinating, what I really liked was the whole broad approach to interpreting data. In other heavily empirical classes we simply applied a given model and circle the answer and that sucks. So good job. Reading was a little overwhelming though.
- A discussion of what influences crashes (such as human factor) could be developed more. For example, how to reduce crashes based on human factors since these are the predominant crash cause.

CE 453/553 Freight Transportation & Logistics Monsere (Winter 2007)

- Good class, I enjoyed it and found it very informative. Would not change much.
- It's good having PowerPoint lectures for students. Research and presentations helps with public speaking.
- It would have been nice to have more time on the field trip. This class was great in understanding the different modes in which goods move in the U.S. It broadened my understanding of the complexity in which freight moves.
- Dr. Monsere's concern for students is obvious. He makes it clear that he is here to help us learn and develop as engineers - this is a welcome change compared to some professors.
- I think this class was executed extremely well. Dr. Monsere is very knowledgeable on the subject & lectures were well organized. I like how lecture notes were provided so class time can focus more on discussion rather than madly scribbling notes. Research project was a good exercise, especially to show how difficult it can be to narrow a scope and organize a paper and presentation. Dr. Monsere always seems to have an open door policy, which is a huge positive for students. Great class!
- Very informative class. Instructor was extremely helpful deciding on subject for class paper. Enjoyed field trips and speaker presentations. Dr. Monsere goes the "long-haul" when it comes to teaching subject matter. This is very much appreciated!!
- I would have enjoyed some more work with a modeling / quantitative emphasis.

CE 454 Urban Transportation Systems CRN: 10448 Monsere (Fall 2006)

- Dr. Monsere really tries to make the topics relevant – this is tough because so few of us are interested in transportation. His rapport with students is a huge relief.
- Dr. Monsere is very interested in helping students with class material. He is usually readily available to help, even outside of office hours.
- Truly one of the best professors in the engineering department. It is evident that he works very hard to design the best classroom experience. Book has terrific text/examples but the problems often have no “direct” relation to the given examples/text. Great balanced class experience, would recommend adding transportation software segment, an introduction to using software (real world software) would be cool.
- Enjoyed this class and instructor's enthusiasm. He's well organized and takes full advantage of technology. ☺ Exams – some questions need to be more specific as to what is being requested.
- It was good! Better than last transportation class. It can be seen that you do prepare for the class.
- Dr. Monsere is an excellent instructor. The material was presented in a very clear manner. He is fair and takes interest in students and their experience @ PSU.
- Class and instructor were good, however time-intensive group projects are a poor idea at this academic level unless class time is designated for these projects. It is too difficult to coordinate work/family schedules for group efforts.
- Don't worry about given lectures because at any given moment, less than half the class is paying attention.
- I think the project assignments were helpful in enforcing the material and learning more about real world application. Homework assignments were a good length. Very helpful outside of class.
- Dr. Monsere does an excellent job stimulating learning. Good implementation of presentations and web use. Great class.
- A 10-minute break might be more refreshing than a 5-minute one.
- Good class.
- Good job Dr. M!
- This class was very informative. The class project was a great way to get a taste of the real world.

CE 407/507 Seminar: Cost-Benefit Analysis CRN 65414/65415 Monsere (Spring 2006)

- Great class, Chris. I would have actually liked to have more homework to apply what we learned. I definitely would like to learn more about cost/benefit analysis. PowerPoint/slide handouts before class would be nice.
- I feel like I have gained an overview and basic understanding of CBA in this class. It would have been useful to see this type of spreadsheet exercise in simplified format before the final project. Useful lectures and reading material.
- Great class – enjoyed the material – good reinforcement of previous coursework. Suggestions: use more practical examples.
- Class was enjoyable and full of useful content. Time was almost too short for discussion. Perhaps a longer class time with fewer weeks per term would suite the topic better. Also, I would recommend introduction of other costs/benefits such as environmental costs and other quality of life issues.

CE 454 Urban Transportation Systems CRN: 10454 Monsere (Fall 2005)

- The text should have answers in the back, it helps when studying.
- The PowerPoint presentations were very well put together and make excellent reference notes. The lectures using chalkboard helped pace the lecture/notes, making it easier to follow. Had some test material that we had no homework on. Even studying doesn't really help understand how to solve problems with it, would have rather had practice problems on that at least. Practice exam was excellent.
- Exams were fair, some key points thought would be to make the exams a little more concise as to the problem statements. Maybe drill the conceptual ideas/questions into our brains hard during lecture to prepare us for the exams.
- This section (course outcomes) is worthless, put it written comments section (best, worst, improvements) then these will actually be beneficial. Dr. Monsere is new to this class and it is evident that he knows the material and wants to get it across. I think that presentation was somewhat sporadic but will improve. Examples not from the book would be good because the book has limited examples and no answers to selected problems.
- My area of interest in not specifically related to transportation. Dr. Monsere presented material in an entertaining and enlightening fashion. I appreciated his enthusiasm and knowledge of the subject.
- Handout homework should be available sooner and/or instructor office hours should not be on Mondays. Lectures need a better intro. to give "big picture" perspective of the topic before jumping off into the details.
- Professor exhibits a good positive attitude for the class. One suggestion would be to act with more confidence while lecturing. To keep interest levels higher during more mundane lectures, maybe introduce more real world examples or pictures.
- The instructor should have more confidence in presentation. The book is not updated properly and it appears that errata were unknown to the grader.
- Guest speakers were a good variation and enjoyable to listen to with different perspectives on the same topics. Making the homework solutions available online was very helpful.
- Overall good class. A few more example problems linking lecture to homework would be helpful. The exams were a little easy, too lenient on grading. Dr. Monsere should teach the first transportation course. He actually sparked interest on a subject I previously did not care about.
- No more 8 'o clock classes please!
- This class is typical of a lot of CE classes in that there is not enough time to ask questions – classes need to be longer or separate sessions for questions. Office hours doesn't cut it. Homework in this class was often due before any lecture over the material was presented.
- Good class. Website was very well maintained which was helpful.

CE 410/510 Transportation Safety Analysis CRN: 10449/10460 Monsere (Fall 2005)

- One idea for improving the course might be to pre-select the projects that you want to see get done. Then request the data for these projects ahead of time. If this was done, you could require each

analysis step be performed at the site after you discuss it. I liked not having a textbook, instead have your straightforward presentations.

- I learned more than I expected.
- Super class! Very worthwhile in improving understanding of transportation safety. Homework/Project very useful to learn “real world” engineering tasks. Appropriate amount of work and level of difficulty. Good outside speakers. Comprehensive and thorough digest of material.
- Very good course. Chris knows the topic very well and is a good instructor. The guest speakers were excellent. I think the course was fine without a textbook – good content from handouts and lectures. Some lectures could have been paced differently, I feel like we moved fast at the end when we were learning the more complicated parts.

CE 410/510 Transportation Safety Analysis CRN: 14469/14470 Monsere (Fall 2004)

- Great class Chris. One of the best transportation classes I’ve taken. You’re doing a good job.
- Very understanding of students needs and pace of learning.
- Handouts are useful. Textbook is okay.

CE 410/510 Freight Transportation & Logistics CRN: 44843/44844 Monsere (Winter 2005)

- Interesting topic and good class. Dr. Monsere is a very helpful teacher.

CE 410/510 Freight Transportation and Logistics CRN 64759/64760 Bertini/Monsere (Spring 2004)

- Little more focus on CVO, how freight shipped from one another (technology involved). Homework needs to reflect the class materials and topics. Explore more on ITS apps.
- More homework problems that have cost estimate, number estimate and statistics.
- Comments: Some graphics could be improved – too small to read. Greater use of homework should be encouraged and course should contain more analytical approaches rather than being descriptive. Freight data homework was useful but far too long – too much busy work rather than being descriptive. Post field trip a definite benefit. Good to see more freight in action field trips in subsequent offerings. Need more focus on logistics and less description.
- I would recommend this class to anyone interested in issues related to freight transportation. Good balance of lectures and guest speakers/field trips. Class size was nice and small, allowed for good dialogue and instructor interaction. Lectures were very well timed and covered a good amount of material for each of the major modes.

CE 407/507 Seminar: Cost-Benefit Analysis CRN 65374/65375 Monsere (Spring 2005)

- No comments.

CE 407/507 Seminar: Transportation Economics CRN 66298/66299 Monsere (Spring 2004)

- The class was effective but needs to be at least two credits.
- It was nice to see how the economic course ties in with transportation because the economic course (University Studies) didn’t give an real examples for engineers but this course was good for showing those examples.
- Class was valuable to reinforce economics. Great for CE’s to apply economic material to engineering.
- Good class. Would be nice to have more time per lecture. Could be tied to another senior class with economics related activities.
- Course is a good introduction/review of economics analysis.
- It would be great if you recommend a textbook.

CE 410/510 Transportation Safety Analysis CRN 65765/65766 Monsere (Spring 2003)

- Exams were extremely long, as were homework assignments, very time consuming. There was an overload of coursework at the end of the term. Course work was not well distributed throughout the quarter.

- Thought the exams were very long. I would have liked to have gotten the project a little earlier. I think Chris is a good teacher. I don't know if course could have been shortened because of the content that needed to be covered. Would have like to do more design with intersection safety instead of just a project but maybe that's another class.
- Questions (homework) could be more thought-provoking and fewer. Tended to focus too much on quantity. Overall good.
- I feel that that class did not cover homework assignments well. I was able to e-mail instructor and he returned my notes quickly.
- Good course content. Some exam questions were unclear. Too much focus on statistic – no explanation of outcome or unclear why a statistical analysis was used.
- Sometimes spoke a little too soft. Could be a little better on his feet with questions. Appreciated his efforts, organization, and official, professional manner in which the course was given.
- Statistical analysis hard to follow. Working examples on board. Define variables. Nice presentations with powerpoint. Guest lectures were great.