Term: Fall 2019
Class ID: HONS3199.H17.19F
Enrollment: 14
Title: Collegium V Honors Readings - Algebraic Combinatorics
School: Honors College
Eligible to Respond: 14
Response Count: 12
Response Rate: 85.71\%

| Evaluation Scale is 5 Level Likert Item | SD | D | N | A | SA | \%/\# | SD | D | N | A | SA | TOT |  | $\begin{aligned} & \text { mary } \\ & \text { istics } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| The course objectives were clearly defined. | 0\% | 0\% | 17\% |  |  | \% | - | - | 17\% | 33\% | 50\% | 100\% | M | 4.50 |
|  |  |  |  |  |  | $\mu$ |  |  |  |  |  |  | 4.33 |
|  |  |  |  |  |  | \# | - | - | 2 | 4 | 6 | 12 | $\sigma$ | 0.78 |
|  |  |  |  |  |  | N |  |  |  |  |  |  | 12 |
| The course was well organized. | 0\% | 0\% | 0\% |  $M=4.75$ <br> $=4=0.67$ <br> $\sigma=.49$ <br> $33 \%$ $67 \%$ |  |  | \% | - | - | - | 33\% | 67\% | 100\% | M | 4.75 |
|  |  |  |  |  |  | $\mu$ |  |  |  |  |  |  |  | 4.67 |
|  |  |  |  |  |  | \# | - | - | - | 4 | 8 | 12 | $\sigma$ | 0.49 |
|  |  |  |  |  |  | N |  |  |  |  |  |  | 12 |
| Overall, the course was excellent. | 0\% | 0\% | 0\% |  |  |  | \% | - | - | - | 17\% | 83\% | 100\% | M | 4.90 |
|  |  |  |  |  |  | $\mu$ |  |  |  |  |  |  |  | 4.83 |
|  |  |  |  |  |  | \# | - | - | - | 2 | 10 | 12 | $\sigma$ | 0.39 |
|  |  |  |  |  |  | N |  |  |  |  |  |  | 12 |
| Instructor Nathan Williams (hons3199.h17.19f) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Evaluation Scale is 5 Level Likert Item | SD | D | N | A | SA |  | \%/\# | SD | D | N | A | SA | TOT | Summary Statistics |  |
| The instructor was well prepared in the subject area. | 0\% | 0\% | 0\% | 8\% | $\substack{M=4 \\ \mu=4 \\ \sigma=0}$$92 \%$ | \% | - | - | - | 8\% | 92\% | 100\% | M | 4.95 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\mu$ | 4.92 |
|  |  |  |  |  |  | \# | - |  |  | 1 |  |  | $\sigma$ | 0.29 |
|  |  |  |  |  |  | \# | - | - | - | 1 | 11 | 12 | N | 12 |
| The instructor communicated information effectively. | 0\% | 0\% | 0\% | 8\% | $\substack{M=4 \\ j=4 \\ \sigma=0}$$92 \%$ | \% | - | - | - | 8\% | 92\% | 100\% | M | 4.95 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\mu$ | 4.92 |
|  |  |  |  |  |  | \# | - | - | - | 1 | 11 | 12 | $\sigma$ | 0.29 |
|  |  |  |  |  |  |  | - | - | - | 1 |  | 12 | N | 12 |
| The instructor seemed genuinely interested in teaching. | 0\% | 0\% | 0\% | 0\% | $M=$$100 \%$ | \% | - | - | - | - | 100\% | 100\% | M | 5.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\mu$ | 5.00 |
|  |  |  |  |  |  | \# |  |  |  |  | 12 | 12 | $\sigma$ | 0.00 |
|  |  |  |  |  |  | \# | - | - | - | - | 12 | 12 | N | 12 |
| The instructor provided timely feedback. | 0\% | 0\% | 8\% | 8\% |  | \% | - | - | 8\% | 8\% | 83\% | 100\% | M | 4.90 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\mu$ | 4.75 |
|  |  |  |  |  |  | \# | - | - | 1 | 1 | 10 | 12 | $\sigma$ | 0.62 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | N | 12 |
| The instructor was accessible outside of class. | 0\% | 0\% | 0\% | 25\% |  | \% | - | - | - | 25\% | 75\% | 100\% | M | 4.83 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\mu$ | 4.75 |
|  |  |  |  |  |  | \# | - | - | - | 3 | 9 | 12 | $\sigma$ | 0.45 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | N | 12 |


| The instructor evaluated students fairly. | 0\% | 0\% | 8\% | 0\% |  | \% | - | - | 8\% | - | 92\% | 100\% | M | 4.95 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\cdots \cdots=4$ |  |  |  |  |  |  |  | $\mu$ | 4.83 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\sigma$ | 0.58 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | N | 12 |
| Overall, this instructor was excellent. |  |  |  |  | $100 \%$ | \% | - | - | - | - | 100\% | 100\% | M | 5.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\mu$ | 5.00 |
|  |  |  |  |  |  | \# | - | - | - | - | 12 | 12 | $\sigma$ | 0.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | N | 12 |
| Student Experience for hons3199.h17.19f - Collegium V Honors Readings - Algebraic Combinatorics |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Evaluation Scale is 5 Level Likert Item | SD | D | N | A | SA | \%/\# | SD | D | N | A | SA | TOT | Summary Statistics |  |
| I was free to ask questions and express my opinions and ideas. | 0\% | 0\% | 0\% |  |  | \% | - | - | - | - | 100\% | 100\% | M | 5.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\mu$ | 5.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\sigma$ | 0.00 |
|  |  |  |  |  |  | \# | - | - | - | - | 12 | 12 | N | 12 |
| My performance was evaluated fairly. | 0\% | 0\% | 8\% |  | $\mathrm{M}=4$ | \% | - | - | 8\% | - | 92\% | 100\% | M | 4.95 |
|  |  |  |  |  | - $\mu=4$ |  |  |  |  |  |  |  | $\mu$ | 4.83 |
|  |  |  |  |  |  | \# |  |  | 1 |  | 11 | 12 | $\sigma$ | 0.58 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | N | 12 |
| I discussed ideas from this course with others outside the classroom. | 0\% | 0\% |  |  | $\mathrm{M}=4.8$ | \% | - | - | 8\% | 17\% | 75\% | 100\% | M | 4.83 |
|  |  |  |  |  | 6 |  |  |  |  |  |  |  | $\mu$ | 4.67 |
|  |  |  |  |  |  | \# | - | - | 1 | 2 | 9 | 12 | $\sigma$ | 0.65 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | N | 12 |
| This course has been (or will be) of value to me. | 0\% | 0\% | 0\% | 17\% |  | \% | - | - | - | 17\% | 83\% | 100\% | M | 4.90 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\mu$ | 4.83 |
|  |  |  |  |  |  | \# |  |  |  | 2 | 10 | 12 | $\sigma$ | 0.39 |
|  |  |  |  |  | 83\% |  |  |  |  |  |  |  | N | 12 |
| This course inspired me to learn more. | 0\% | 0\% | 0\% | 17\% |  | \% | - | - | - | 17\% | 83\% | 100\% | M | 4.90 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\mu$ | 4.83 |
|  |  |  |  |  |  | \# | - | - | - | 2 | 10 | 12 | $\sigma$ | 0.39 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | N | 12 |

## Comments - Access to comments is restricted. You have permission to view comments

What aspects of this course should remain the same?

1. Interesting and well-chosen papers, Socratic seminar style discussion, discussion to the application in realworld, I loved the "mathematician's apology" set of papers!
2. The structure of course was very well done, and the professor makes sure to take inputs from the class in regards to topics which need to be covered. The environment of the course should also remain the same.
3. The focus on student presentation of concepts was phenomenal, and Dr. Williams' guidance of the presentations where they faltered was well-placed and never overwhelming.
4. I loved the discussions we had and the freedom we had in choosing our topics and developing our presentations, overall the class was very fun!
5. Dr. Williams is super friendly and understanding, and I can tell that he is passionate about math!

What aspects of this course need improvement?

1. Accountability system for doing the readings. Maybe you could ask students to show 1-2 sheets of notes on the assigned readings when they walk in as both "attendance" and as a way for them to get credit for the readings? Or a small "concept quiz" on the readings topics? I don't think a quiz is necessarily the best route, but some way to ensure that people are doing the readings is probably needed. Also I think providing a resource for students who are not experienced in math would be helpful, like a FAQ sheet of commonly used advanced mathematical symbols or terms for students who have only taken pre-calculus/etc.!
2. Topics could perhaps have been chosen further in advance, but I personally found the spontaneity refreshing. I could, however, see it being frustrating to some.
3. There were few clear expectations for the presentations and notes and no evaluation of our performance throughout the semester, and sometimes the papers we read were a little over some student's heads, especially those who didn't have a strong math background.
4. I'd say it might be more efficient if there were some prerequisites for math courses to take prior to this one; some of the subject material is difficult and it would help to know more about the terminology and jargon covered in the research papers we study

Additional comments:

1. Dr. Williams is one of the most genuine, caring professors I have ever met. He will go out of his way to make sure students feel comfortable and the material is accessible to them without embarrassing them in front of the class. I have never met a professor who cares more about not only the success but also the understanding of each individual student. You can tell he truly cares about what he is teaching, and I am so glad UTD has a math professor like him!
2. The professor, Dr. Williams, is very passionate about the topic covered and made sure that I was comfortable in the course environment. He also makes sure that the students of the readings course have an in-depth understanding of the material being presented. This course is great at fostering interest in algebraic combinatorics/mathematics on a "research" level.
3. Overall, wonderfully fulfilling readings course. Please offer it again.

Class Grade Distribution (HONS3199.H17.19F)
 DF\% 0\% WDF \% 0\%

Report URL: go.utdallas.edu/eval/hons3199.h17.19f
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