

CS 2150-104 Program & Data Representation - Fall 2015

ENGR (17740)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 23 / Enrollment: 42

| Summary: CS 2150-104 Program & Data Representation - Fall 2015 (17740) | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Overall Course Rating CS-2150-104 Mean 4.22 CS-2150-104 Std Dev 1.21 CS-2150-104 Response Count 115 SEAS, 2000-level courses Mean 4.08 SEAS, 2000-level courses Std Dev 0.98 SEAS, 2000-level courses Response Count 16504 | Overall Instructor Rating INSTRUCTOR: Bloomfield, Aaron S. Mean 4.73 Std Dev 0.50 Response Count 159 SEAS, 2000-level courses Mean 4.28 SEAS, 2000-level courses Std Dev 0.87 SEAS, 2000-level courses Response Count 24082 |

~ QUESTIONS AND DETAILS ~ ~ ANSWER MATRICES ~

| <p>1. The course addressed technically rigorous subject matter consistent with the course objectives.</p> <p style="text-align: center;">~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i></p> | <table border="1"> <thead> <tr> <th colspan="10">Results for CS-2150-104</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th colspan="2">Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>23</td> <td>4.83</td> <td>0.39</td> <td>19 (82.61%)</td> <td>4 (17.39%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> | | | | | | | | | Results for CS-2150-104 | | | | | | | | | | Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | 23 | 4.83 | 0.39 | 19 (82.61%) | 4 (17.39%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------|--------------------|--------------|--------------|-----------------------|-----------------------|--------------------------------------|-----------------------------------------------|--|--|--|--|--|--|--|--|-------|-------|---------|--------------------|--------------------|-------------|--------------|-----------------------|-----------------------|---------------------|------|------|------|---------------|---------------|--------------|-------------|-------------|------------|-----------|-----------|
| | Results for CS-2150-104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 4.83 | 0.39 | 19 (82.61%) | 4 (17.39%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="10">Results for SEAS, 2000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th colspan="2">Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>3306</td> <td>4.38</td> <td>0.73</td> <td>1632 (49.36%)</td> <td>1375 (41.59%)</td> <td>216 (6.53%)</td> <td>55 (1.66%)</td> <td>17 (0.51%)</td> <td>11 (0.33%)</td> <td></td> </tr> </tbody> </table> | | | | | | | | | Results for SEAS, 2000-level courses | | | | | | | | | | Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | 3306 | 4.38 | 0.73 | 1632 (49.36%) | 1375 (41.59%) | 216 (6.53%) | 55 (1.66%) | 17 (0.51%) | 11 (0.33%) | | |
| Results for SEAS, 2000-level courses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3306 | 4.38 | 0.73 | 1632 (49.36%) | 1375 (41.59%) | 216 (6.53%) | 55 (1.66%) | 17 (0.51%) | 11 (0.33%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>2. The instructor used methods other than/in addition to traditional lectures (for example, active learning, in-class problems, collaborative learning, in-class discussion) effectively in this course.</p> <p style="text-align: center;">~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i></p> | <table border="1"> <thead> <tr> <th colspan="10">Results for CS-2150-104, Bloomfield, Aaron S.</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th colspan="2">Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>23</td> <td>4.55</td> <td>0.74</td> <td>14 (60.87%)</td> <td>7 (30.43%)</td> <td>0 (0.00%)</td> <td>1 (4.35%)</td> <td>0 (0.00%)</td> <td>1 (4.35%)</td> <td></td> </tr> </tbody> </table> | | | | | | | | | Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | | | | Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | 23 | 4.55 | 0.74 | 14 (60.87%) | 7 (30.43%) | 0 (0.00%) | 1 (4.35%) | 0 (0.00%) | 1 (4.35%) | |
| | Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 4.55 | 0.74 | 14 (60.87%) | 7 (30.43%) | 0 (0.00%) | 1 (4.35%) | 0 (0.00%) | 1 (4.35%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="10">Results for SEAS, 2000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th colspan="2">Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>3456</td> <td>4.07</td> <td>1.01</td> <td>1361 (39.38%)</td> <td>1355 (39.21%)</td> <td>382 (11.05%)</td> <td>218 (6.31%)</td> <td>101 (2.92%)</td> <td>39 (1.13%)</td> <td></td> </tr> </tbody> </table> | | | | | | | | | Results for SEAS, 2000-level courses | | | | | | | | | | Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | 3456 | 4.07 | 1.01 | 1361 (39.38%) | 1355 (39.21%) | 382 (11.05%) | 218 (6.31%) | 101 (2.92%) | 39 (1.13%) | | |
| Results for SEAS, 2000-level courses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3456 | 4.07 | 1.01 | 1361 (39.38%) | 1355 (39.21%) | 382 (11.05%) | 218 (6.31%) | 101 (2.92%) | 39 (1.13%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3. There was a reasonable level of effort expected for the credit hours received.</p> <p style="text-align: center;">~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i></p> | <table border="1"> <thead> <tr> <th colspan="10">Results for CS-2150-104</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th colspan="2">Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>23</td> <td>3.83</td> <td>1.70</td> <td>14 (60.87%)</td> <td>2 (8.70%)</td> <td>1 (4.35%)</td> <td>1 (4.35%)</td> <td>5 (21.74%)</td> <td>0 (0.00%)</td> <td></td> </tr> </tbody> </table> | | | | | | | | | Results for CS-2150-104 | | | | | | | | | | Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | 23 | 3.83 | 1.70 | 14 (60.87%) | 2 (8.70%) | 1 (4.35%) | 1 (4.35%) | 5 (21.74%) | 0 (0.00%) | |
| | Results for CS-2150-104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 3.83 | 1.70 | 14 (60.87%) | 2 (8.70%) | 1 (4.35%) | 1 (4.35%) | 5 (21.74%) | 0 (0.00%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="10">Results for SEAS, 2000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th colspan="2">Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>3312</td> <td>4.14</td> <td>0.94</td> <td>1315 (39.70%)</td> <td>1478 (44.63%)</td> <td>250 (7.55%)</td> <td>179 (5.40%)</td> <td>79 (2.39%)</td> <td>11 (0.33%)</td> <td></td> </tr> </tbody> </table> | | | | | | | | | Results for SEAS, 2000-level courses | | | | | | | | | | Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | 3312 | 4.14 | 0.94 | 1315 (39.70%) | 1478 (44.63%) | 250 (7.55%) | 179 (5.40%) | 79 (2.39%) | 11 (0.33%) | | |
| Results for SEAS, 2000-level courses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3312 | 4.14 | 0.94 | 1315 (39.70%) | 1478 (44.63%) | 250 (7.55%) | 179 (5.40%) | 79 (2.39%) | 11 (0.33%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

4. The homework assignments helped me learn the subject matter.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

| Results for CS-2150-104 | | | | | | | | |
|-------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 23 | 4.74 | 0.45 | 17 (73.91%) | 6 (26.09%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 3297 | 4.26 | 0.85 | 1442 (43.74%) | 1324 (40.16%) | 274 (8.31%) | 106 (3.22%) | 42 (1.27%) | 109 (3.31%) |

5. The textbook increased my understanding of the material.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

| Results for CS-2150-104 | | | | | | | | |
|-------------------------|------|---------|--------------------|-----------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 23 | 3.80 | 1.23 | 4 (17.39%) | 2 (8.70%) | 2 (8.70%) | 2 (8.70%) | 0 (0.00%) | 13 (56.52%) |

| Results for SEAS, 2000-level courses | | | | | | | | |
|--------------------------------------|------|---------|--------------------|--------------|--------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 3296 | 3.54 | 1.20 | 655 (19.87%) | 839 (25.46%) | 638 (19.36%) | 301 (9.13%) | 206 (6.25%) | 657 (19.93%) |

6. The course material was well organized and developed.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

| Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | | |
|-----------------------------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 22 | 4.82 | 0.39 | 18 (81.82%) | 4 (18.18%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|--------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 3431 | 4.17 | 0.91 | 1412 (41.15%) | 1432 (41.74%) | 349 (10.17%) | 166 (4.84%) | 53 (1.54%) | 19 (0.55%) |

7. The instructor was knowledgeable about the subject matter.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

| Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | | |
|-----------------------------------------------|------|---------|--------------------|-----------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 22 | 4.91 | 0.29 | 20 (90.91%) | 2 (9.09%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 3441 | 4.57 | 0.67 | 2186 (63.53%) | 1039 (30.19%) | 144 (4.18%) | 30 (0.87%) | 17 (0.49%) | 25 (0.73%) |

8. The instructor was well prepared for class.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

| Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | | |
|-----------------------------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 23 | 4.74 | 0.45 | 17 (73.91%) | 6 (26.09%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 3446 | 4.43 | 0.76 | 1889 (54.82%) | 1238 (35.93%) | 197 (5.72%) | 65 (1.89%) | 31 (0.90%) | 26 (0.75%) |

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

9. I received adequate preparation from the prior courses in the curriculum to be successful in this course.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

| Results for CS-2150-104 | | | | | | | | |
|-------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 23 | 3.65 | 1.27 | 8 (34.78%) | 5 (21.74%) | 5 (21.74%) | 4 (17.39%) | 1 (4.35%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|--------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 3293 | 3.97 | 0.98 | 939 (28.52%) | 1185 (35.99%) | 454 (13.79%) | 166 (5.04%) | 75 (2.28%) | 474 (14.39%) |

10. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

| Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | | |
|-----------------------------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 23 | 4.61 | 0.58 | 15 (65.22%) | 7 (30.43%) | 1 (4.35%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 3443 | 4.19 | 0.88 | 1416 (41.13%) | 1492 (43.33%) | 322 (9.35%) | 146 (4.24%) | 52 (1.51%) | 15 (0.44%) |

11. The instructor responded adequately to in-class questions.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

| Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | | |
|-----------------------------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 23 | 4.70 | 0.47 | 16 (69.57%) | 7 (30.43%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 3442 | 4.36 | 0.81 | 1743 (50.64%) | 1317 (38.26%) | 215 (6.25%) | 96 (2.79%) | 39 (1.13%) | 32 (0.93%) |

12. The instructor effectively used technology in support of the learning goals for this course.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

| Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | | |
|-----------------------------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 23 | 4.78 | 0.42 | 18 (78.26%) | 5 (21.74%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|--------------|--------------|-----------------------|---------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) |
| 3423 | 4.21 | 0.88 | 1448 (42.30%) | 1379 (40.29%) | 358 (10.46%) | 114 (3.33%) | 54 (1.58%) | 70 (2.04%) |

13. The average number of hours per week I spent outside of class preparing for this course was:

Question Type: Multiple Choice

contributed by Office of the Provost

| Results for CS-2150-104 | | | | | |
|-------------------------|------------------|------------|------------|------------|-----------------|
| Total | Less than 1 (NA) | 1 - 3 (NA) | 4 - 6 (NA) | 7 - 9 (NA) | 10 or more (NA) |
| 23 | 0 (0.00%) | 1 (4.35%) | 2 (8.70%) | 8 (34.78%) | 12 (52.17%) |

| Results for SEAS, 2000-level courses | | | | | |
|--------------------------------------|------------------|---------------|---------------|--------------|-----------------|
| Total | Less than 1 (NA) | 1 - 3 (NA) | 4 - 6 (NA) | 7 - 9 (NA) | 10 or more (NA) |
| 3303 | 208 (6.30%) | 1182 (35.79%) | 1240 (37.54%) | 414 (12.53%) | 259 (7.84%) |

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

14. I learned a great deal in this course.

Question Type: Likert
 ~
 contributed by Office of the Provost

| Results for CS-2150-104 | | | | | | | |
|-------------------------|------|---------|--------------------|-----------|-------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 23 | 4.91 | 0.29 | 21 (91.30%) | 2 (8.70%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|--------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 3290 | 4.25 | 0.88 | 1529 (46.47%) | 1262 (38.36%) | 336 (10.21%) | 115 (3.50%) | 48 (1.46%) |

15. Overall, this was a worthwhile course.

Question Type: Likert
 ~
 contributed by Office of the Provost

| Results for CS-2150-104 | | | | | | | |
|-------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 23 | 4.78 | 0.42 | 18 (78.26%) | 5 (21.74%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|--------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 3299 | 4.18 | 0.95 | 1491 (45.20%) | 1203 (36.47%) | 377 (11.43%) | 162 (4.91%) | 66 (2.00%) |

16. The course's goals and requirements were defined and adhered to by the instructor.

Question Type: Likert
 ~
 contributed by Office of the Provost

| Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | |
|-----------------------------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 21 | 4.76 | 0.44 | 16 (76.19%) | 5 (23.81%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|-------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 3436 | 4.38 | 0.71 | 1651 (48.05%) | 1525 (44.38%) | 195 (5.68%) | 44 (1.28%) | 21 (0.61%) |

17. The instructor was approachable and made himself/herself available to students outside the classroom.

Question Type: Likert
 ~
 contributed by Office of the Provost

| Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | |
|-----------------------------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 23 | 4.39 | 0.84 | 14 (60.87%) | 4 (17.39%) | 5 (21.74%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|--------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 3445 | 4.30 | 0.81 | 1630 (47.31%) | 1350 (39.19%) | 348 (10.10%) | 90 (2.61%) | 27 (0.78%) |

18. Overall, the instructor was an effective teacher.

Question Type: Likert
 ~
 contributed by Office of the Provost

| Results for CS-2150-104, Bloomfield, Aaron S. | | | | | | | |
|-----------------------------------------------|------|---------|--------------------|------------|-------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 23 | 4.78 | 0.42 | 18 (78.26%) | 5 (21.74%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) |

| Results for SEAS, 2000-level courses | | | | | | | |
|--------------------------------------|------|---------|--------------------|---------------|--------------|--------------|-----------------------|
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
| 3455 | 4.21 | 0.95 | 1632 (47.24%) | 1232 (35.66%) | 355 (10.27%) | 166 (4.80%) | 70 (2.03%) |

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

19. Please make any overall comments or observations about this course:

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Question Type: Short Answer

~
contributed by Office of the Provost

| Results for CS-2150-104 | |
|-------------------------|----------------------------------|
| Total | Individual Answers |
| 9 | See below for Individual Results |

I have complete respect and admiration for this extremely testing and challenging course, however one thing that really put me off was the inflexibility with the final. Those that had DLD at 1 pm Thursday, Probability at 7 pm the same day, and then 2150 at 9 am the next day, I feel were truly not given at all a fair situation with their finals. I would like to make the point that I, for one, am actually not one of the students that was in this situation. Being professors at such a rigorous university in such rigorous courses, I have no words for this. I feel like no empathy was given to these students who quite frankly seemed like they were put in a situation that was mentally, physically, and emotionally unhealthy. Moving forward, I truly suggest at least an earlier final (maybe even a different version) for those who would like a more spaced out layout for their finals. Considering the amount of academic pressure and weight these classes are, I hope that next semester, at least one of you professors can have the heart to put out an alternate date, as simply thinking about students in such a situation stresses me out and I was fortunate enough not to be one.

Just an extremely informative and worthwhile course, although I think it falls more under the realm of a 4 credit course than a 3 credit course, simply because there are other 4 credit courses, like certain APMA courses which are 4 credits and require significantly less effort. Oh, and Bloomfield's the man.

This has been my most challenging, but also my most rewarding class at UVA.

This course, despite being 3 credits worth was much harder, or at least, took a lot longer than many of my prior 4-credit classes. I think this course really should be a 4 credit course.

Realized how great this course was afterwards, thank you

Amazing instructor, TAs need to be more knowledgeable.

The notion that you can have a 50 minute lecture three times a week and a 1 hour and 35 minute lab which is less than 1/3 of the total time required to complete the lab and give students three credits for the class is both absurd and irrational.

Great teacher, didn't try to sugar-coat things, and was very receptive during office-hours.

I think the course was most certainly worthwhile, and I almost wish that we did have enough time to explore parallel computing.