

CS 2150-104 Program & Data Representation - Fall 2014

ENGR (18497)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 15 / Enrollment: 40

| Summary: CS 2150-104 Program & Data Representation - Fall 2014 (18497) | |
|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Overall Course Rating CS-2150-104 Mean 4.00 CS-2150-104 Std Dev 1.29 CS-2150-104 Response Count 75 | Overall Instructor Rating INSTRUCTOR: Bloomfield, Aaron S. Mean 4.47 Std Dev 0.70 Response Count 102 |
| Difference from Category Mean, Expressed in Category Standard Deviations | Difference from Category Mean, Expressed in Category Standard Deviations |
| SEAS, 2000-level courses Mean 4.07 SEAS, 2000-level courses Std Dev 0.98 SEAS, 2000-level courses Response Count 13331 | SEAS, 2000-level courses Mean 4.24 SEAS, 2000-level courses Std Dev 0.89 SEAS, 2000-level courses Response Count 19687 |

| ~ 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</p> <p style="text-align: center;"><i>contributed by Dean of the School of Engineering and Applied Science</i></p> | <table border="1"> <thead> <tr> <th colspan="9">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>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>15</td> <td>4.73</td> <td>0.46</td> <td>11 (73.33%)</td> <td>4 (26.67%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">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>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>2670</td> <td>4.40</td> <td>0.71</td> <td>1347 (50.45%)</td> <td>1101 (41.24%)</td> <td>157 (5.88%)</td> <td>42 (1.57%)</td> <td>12 (0.45%)</td> <td>11 (0.41%)</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) | 15 | 4.73 | 0.46 | 11 (73.33%) | 4 (26.67%) | 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) | 2670 | 4.40 | 0.71 | 1347 (50.45%) | 1101 (41.24%) | 157 (5.88%) | 42 (1.57%) | 12 (0.45%) | 11 (0.41%) |
| Results for CS-2150-104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 4.73 | 0.46 | 11 (73.33%) | 4 (26.67%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | 0 (0.00%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Results for SEAS, 2000-level courses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2670 | 4.40 | 0.71 | 1347 (50.45%) | 1101 (41.24%) | 157 (5.88%) | 42 (1.57%) | 12 (0.45%) | 11 (0.41%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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</p> <p style="text-align: center;"><i>contributed by Dean of the School of Engineering and Applied Science</i></p> | <table border="1"> <thead> <tr> <th colspan="9">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>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>15</td> <td>4.33</td> <td>0.72</td> <td>7 (46.67%)</td> <td>6 (40.00%)</td> <td>2 (13.33%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">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>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>2824</td> <td>3.99</td> <td>1.05</td> <td>1049 (37.15%)</td> <td>1022 (36.19%)</td> <td>394 (13.95%)</td> <td>214 (7.58%)</td> <td>81 (2.87%)</td> <td>64 (2.27%)</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) | 15 | 4.33 | 0.72 | 7 (46.67%) | 6 (40.00%) | 2 (13.33%) | 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) | 2824 | 3.99 | 1.05 | 1049 (37.15%) | 1022 (36.19%) | 394 (13.95%) | 214 (7.58%) | 81 (2.87%) | 64 (2.27%) |
| 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 4.33 | 0.72 | 7 (46.67%) | 6 (40.00%) | 2 (13.33%) | 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2824 | 3.99 | 1.05 | 1049 (37.15%) | 1022 (36.19%) | 394 (13.95%) | 214 (7.58%) | 81 (2.87%) | 64 (2.27%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>3. There was a reasonable level of effort expected for the credit hours received.</p> <p style="text-align: center;">Question Type: Likert</p> <p style="text-align: center;"><i>contributed by Dean of the School of Engineering and Applied Science</i></p> | <table border="1"> <thead> <tr> <th colspan="9">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>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>15</td> <td>2.60</td> <td>1.76</td> <td>4 (26.67%)</td> <td>1 (6.67%)</td> <td>2 (13.33%)</td> <td>1 (6.67%)</td> <td>7 (46.67%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">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>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>2674</td> <td>4.19</td> <td>0.91</td> <td>1111 (41.55%)</td> <td>1168 (43.68%)</td> <td>216 (8.08%)</td> <td>112 (4.19%)</td> <td>59 (2.21%)</td> <td>8 (0.30%)</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) | 15 | 2.60 | 1.76 | 4 (26.67%) | 1 (6.67%) | 2 (13.33%) | 1 (6.67%) | 7 (46.67%) | 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) | 2674 | 4.19 | 0.91 | 1111 (41.55%) | 1168 (43.68%) | 216 (8.08%) | 112 (4.19%) | 59 (2.21%) | 8 (0.30%) |
| Results for CS-2150-104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | Mean | Std Dev | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) | Not Applicable (NA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 2.60 | 1.76 | 4 (26.67%) | 1 (6.67%) | 2 (13.33%) | 1 (6.67%) | 7 (46.67%) | 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2674 | 4.19 | 0.91 | 1111 (41.55%) | 1168 (43.68%) | 216 (8.08%) | 112 (4.19%) | 59 (2.21%) | 8 (0.30%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

~ 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) |
| 15 | 4.53 | 0.64 | 9 (60.00%) | 5 (33.33%) | 1 (6.67%) | 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) |
| 2664 | 4.19 | 0.92 | 1115 (41.85%) | 1048 (39.34%) | 258 (9.68%) | 110 (4.13%) | 52 (1.95%) | 81 (3.04%) |

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) |
| 15 | 3.80 | 1.10 | 2 (13.33%) | 0 (0.00%) | 3 (20.00%) | 0 (0.00%) | 0 (0.00%) | 10 (66.67%) |

| 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) |
| 2664 | 3.50 | 1.21 | 506 (18.99%) | 703 (26.39%) | 499 (18.73%) | 298 (11.19%) | 168 (6.31%) | 490 (18.39%) |

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) |
| 13 | 4.46 | 0.66 | 7 (53.85%) | 5 (38.46%) | 1 (7.69%) | 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) |
| 2797 | 4.11 | 0.97 | 1129 (40.36%) | 1061 (37.93%) | 361 (12.91%) | 147 (5.26%) | 61 (2.18%) | 38 (1.36%) |

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) |
| 15 | 4.80 | 0.41 | 12 (80.00%) | 3 (20.00%) | 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) |
| 2815 | 4.54 | 0.71 | 1761 (62.56%) | 821 (29.17%) | 135 (4.80%) | 32 (1.14%) | 20 (0.71%) | 46 (1.63%) |

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) |
| 15 | 4.60 | 0.51 | 9 (60.00%) | 6 (40.00%) | 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) |
| 2814 | 4.40 | 0.76 | 1475 (52.42%) | 1015 (36.07%) | 204 (7.25%) | 50 (1.78%) | 20 (0.71%) | 50 (1.78%) |

~ 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) |
| 15 | 4.20 | 0.68 | 5 (33.33%) | 8 (53.33%) | 2 (13.33%) | 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) |
| 2659 | 3.98 | 0.93 | 716 (26.93%) | 981 (36.89%) | 413 (15.53%) | 117 (4.40%) | 39 (1.47%) | 393 (14.78%) |

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) |
| 15 | 3.87 | 1.06 | 5 (33.33%) | 5 (33.33%) | 3 (20.00%) | 2 (13.33%) | 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) |
| 2813 | 4.17 | 0.85 | 1101 (39.14%) | 1218 (43.30%) | 307 (10.91%) | 123 (4.37%) | 22 (0.78%) | 42 (1.49%) |

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) |
| 14 | 4.50 | 0.52 | 7 (50.00%) | 7 (50.00%) | 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) |
| 2809 | 4.31 | 0.83 | 1340 (47.70%) | 1074 (38.23%) | 222 (7.90%) | 91 (3.24%) | 28 (1.00%) | 54 (1.92%) |

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) |
| 15 | 4.73 | 0.46 | 11 (73.33%) | 4 (26.67%) | 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) |
| 2815 | 4.16 | 0.90 | 1152 (40.92%) | 1074 (38.15%) | 353 (12.54%) | 133 (4.72%) | 31 (1.10%) | 72 (2.56%) |

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) |
| 15 | 0 (0.00%) | 0 (0.00%) | 1 (6.67%) | 1 (6.67%) | 13 (86.67%) |

| Results for SEAS, 2000-level courses | | | | | |
|--------------------------------------|------------------|--------------|---------------|--------------|-----------------|
| Total | Less than 1 (NA) | 1 - 3 (NA) | 4 - 6 (NA) | 7 - 9 (NA) | 10 or more (NA) |
| 2670 | 150 (5.62%) | 949 (35.54%) | 1054 (39.48%) | 329 (12.32%) | 188 (7.04%) |

~ 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) |
| 15 | 4.60 | 0.51 | 9 (60.00%) | 6 (40.00%) | 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) |
| 2656 | 4.20 | 0.92 | 1188 (44.73%) | 1027 (38.67%) | 274 (10.32%) | 118 (4.44%) | 49 (1.84%) |

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) |
| 15 | 4.53 | 0.64 | 9 (60.00%) | 5 (33.33%) | 1 (6.67%) | 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) |
| 2666 | 4.19 | 0.95 | 1205 (45.20%) | 982 (36.83%) | 307 (11.52%) | 114 (4.28%) | 58 (2.18%) |

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) |
| 15 | 4.53 | 0.52 | 8 (53.33%) | 7 (46.67%) | 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) |
| 2803 | 4.32 | 0.75 | 1281 (45.70%) | 1238 (44.17%) | 215 (7.67%) | 51 (1.82%) | 18 (0.64%) |

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) |
| 15 | 4.07 | 0.70 | 4 (26.67%) | 8 (53.33%) | 3 (20.00%) | 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) |
| 2817 | 4.27 | 0.82 | 1300 (46.15%) | 1089 (38.66%) | 332 (11.79%) | 82 (2.91%) | 14 (0.50%) |

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) |
| 15 | 4.47 | 0.64 | 8 (53.33%) | 6 (40.00%) | 1 (6.67%) | 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) |
| 2823 | 4.16 | 0.98 | 1280 (45.34%) | 986 (34.93%) | 357 (12.65%) | 135 (4.78%) | 65 (2.30%) |

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

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

~
 Question Type: Short Answer
 ~
 contributed by *Office of the Provost*

| Results for CS-2150-104 | |
|-------------------------|-----------------------------------------|
| Total | Individual Answers |
| 4 | <i>See below for Individual Results</i> |

Comments were made in previous evaluation.

use a microphone pls

I learned so much in this class and Professor Bloomfield is a great lecturer. However, the amount of time it requires to understand the material and complete the labs is astronomical. The class should definitely be worth more credits.

Great course!