Overall Summative Rating represents the combined responses of students to the four global summative items and is presented to provide an overall index of the class's quality:

<table>
<thead>
<tr>
<th>Median</th>
<th>Adj. Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.7</td>
<td>3.6</td>
</tr>
</tbody>
</table>

(0=lowest; 5=highest)

Challenge and Engagement Index (CEI) combines student responses to several IASystem items relating to how academically challenging students found the course to be and how engaged they were:

CEI: 5.1

(1=lowest; 7=highest)

### STUDENT INVOLVEMENT

#### Relative to other college courses you have taken:

<table>
<thead>
<tr>
<th>N</th>
<th>Much Higher</th>
<th>Very Good</th>
<th>Good</th>
<th>Fair</th>
<th>Poor</th>
<th>Very Poor</th>
<th>Median</th>
<th>Adjusted Median</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Excellent</td>
<td>(5)</td>
<td>(4)</td>
<td>(3)</td>
<td>(2)</td>
<td>(1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>24%</td>
<td>32%</td>
<td>32%</td>
<td>8%</td>
<td>4%</td>
<td>4%</td>
<td>3.7</td>
<td>3.6</td>
</tr>
</tbody>
</table>

The course as a whole was:

Do you expect your grade in this course to be:

- Excellent (5): 24%
- Very Good (4): 32%
- Good (3): 32%
- Fair (2): 8%
- Poor (1): 4%

The course content was:

- Excellent (5): 20%
- Very Good (4): 40%
- Good (3): 32%
- Fair (2): 4%
- Poor (1): 4%

The instructor's contribution to the course was:

- Excellent (5): 24%
- Very Good (4): 44%
- Good (3): 16%
- Fair (2): 8%
- Poor (1): 8%

The instructor's effectiveness in teaching the subject matter was:

- Excellent (5): 20%
- Very Good (4): 24%
- Good (3): 44%
- Fair (2): 4%
- Poor (1): 8%

On average, how many hours per week have you spent on this course, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?

- Under 2: 4%
- 2-3: 4%
- 4-5: 4%
- 6-7: 24%
- 8-9: 28%
- 10-11: 20%
- 12-13: 8%
- 14-15: 4%
- 16-17: 4%
- 18-19: 4%
- 20-21: 4%
- 22 or more: 4%

From the total average hours above, how many do you consider were valuable in advancing your education?

- Under 2: 4%
- 2-3: 4%
- 4-5: 16%
- 6-7: 28%
- 8-9: 20%
- 10-11: 20%
- 12-13: 4%
- 14-15: 4%
- 16-17: 4%
- 18-19: 4%
- 20-21: 4%
- 22 or more: 4%

What grade do you expect in this course?

- A: (3.9-4.0): 32%
- A-: (3.5-3.9): 20%
- B+: (3.2-3.4): 24%
- B: (2.9-3.1): 8%
- B-: (2.5-2.8): 12%
- C+: (2.2-2.4): 4%
- C: (1.9-2.1): 4%
- C-: (1.5-1.8): 4%
- D+: (1.2-1.4): 4%
- D: (0.9-1.1): 4%
- D-: (0.7-0.8): 4%
- E: (0.0): 4%
- Pass: 36%
- Credit: 4%
- No Credit: 4%

What grade do you expect in this course?

In regard to your academic program, is this course best described as:

- In your major: 44%
- A distribution requirement: 12%
- An elective: 4%
- In your minor: 36%
- A program requirement: 4%
- Other: 4%
## STANDARD FORMATIVE ITEMS

<table>
<thead>
<tr>
<th>Item</th>
<th>N</th>
<th>Excellent (5)</th>
<th>Very Good (4)</th>
<th>Good (3)</th>
<th>Fair (2)</th>
<th>Poor (1)</th>
<th>Very Poor (0)</th>
<th>Median</th>
<th>Relative Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course organization was:</td>
<td>25</td>
<td>28%</td>
<td>36%</td>
<td>20%</td>
<td>12%</td>
<td>4%</td>
<td></td>
<td>3.9</td>
<td>9</td>
</tr>
<tr>
<td>Clarity of instructor's voice was:</td>
<td>25</td>
<td>20%</td>
<td>36%</td>
<td>16%</td>
<td>20%</td>
<td>4%</td>
<td>4%</td>
<td>3.7</td>
<td>17</td>
</tr>
<tr>
<td>Explanations by instructor were:</td>
<td>25</td>
<td>24%</td>
<td>20%</td>
<td>28%</td>
<td>24%</td>
<td>4%</td>
<td></td>
<td>3.3</td>
<td>18</td>
</tr>
<tr>
<td>Instructor's ability to present alternative explanations when needed was:</td>
<td>25</td>
<td>32%</td>
<td>16%</td>
<td>28%</td>
<td>20%</td>
<td>4%</td>
<td></td>
<td>3.4</td>
<td>16</td>
</tr>
<tr>
<td>Instructor's use of examples and illustrations was:</td>
<td>25</td>
<td>24%</td>
<td>36%</td>
<td>20%</td>
<td>16%</td>
<td>4%</td>
<td></td>
<td>3.8</td>
<td>14</td>
</tr>
<tr>
<td>Quality of questions or problems raised by the instructor was:</td>
<td>25</td>
<td>28%</td>
<td>32%</td>
<td>28%</td>
<td>8%</td>
<td>4%</td>
<td></td>
<td>3.8</td>
<td>13</td>
</tr>
<tr>
<td>Student confidence in instructor's knowledge was:</td>
<td>25</td>
<td>48%</td>
<td>40%</td>
<td>4%</td>
<td>4%</td>
<td>4%</td>
<td></td>
<td>4.5</td>
<td>5</td>
</tr>
<tr>
<td>Instructor's enthusiasm was:</td>
<td>25</td>
<td>40%</td>
<td>44%</td>
<td>8%</td>
<td>4%</td>
<td>4%</td>
<td></td>
<td>4.3</td>
<td>10</td>
</tr>
<tr>
<td>Encouragement given students to express themselves was:</td>
<td>25</td>
<td>48%</td>
<td>28%</td>
<td>12%</td>
<td>8%</td>
<td>4%</td>
<td></td>
<td>4.4</td>
<td>1</td>
</tr>
<tr>
<td>Answers to student questions were:</td>
<td>25</td>
<td>32%</td>
<td>24%</td>
<td>28%</td>
<td>12%</td>
<td>4%</td>
<td></td>
<td>3.8</td>
<td>15</td>
</tr>
<tr>
<td>Availability of extra help when needed was:</td>
<td>25</td>
<td>40%</td>
<td>36%</td>
<td>16%</td>
<td>4%</td>
<td>4%</td>
<td></td>
<td>4.2</td>
<td>4</td>
</tr>
<tr>
<td>Use of class time was:</td>
<td>25</td>
<td>40%</td>
<td>36%</td>
<td>16%</td>
<td>4%</td>
<td>4%</td>
<td></td>
<td>4.2</td>
<td>2</td>
</tr>
<tr>
<td>Instructor's interest in whether students learned was:</td>
<td>25</td>
<td>36%</td>
<td>36%</td>
<td>16%</td>
<td>8%</td>
<td>4%</td>
<td></td>
<td>4.1</td>
<td>8</td>
</tr>
<tr>
<td>Amount you learned in the course was:</td>
<td>25</td>
<td>32%</td>
<td>52%</td>
<td>8%</td>
<td>4%</td>
<td>4%</td>
<td></td>
<td>4.2</td>
<td>3</td>
</tr>
<tr>
<td>Relevance and usefulness of course content were:</td>
<td>25</td>
<td>20%</td>
<td>56%</td>
<td>16%</td>
<td>4%</td>
<td>4%</td>
<td></td>
<td>4.0</td>
<td>12</td>
</tr>
<tr>
<td>Evaluative and grading techniques (tests, papers, projects, etc.) were:</td>
<td>25</td>
<td>24%</td>
<td>36%</td>
<td>20%</td>
<td>8%</td>
<td>8%</td>
<td>4%</td>
<td>3.8</td>
<td>11</td>
</tr>
<tr>
<td>Reasonableness of assigned work was:</td>
<td>25</td>
<td>28%</td>
<td>44%</td>
<td>20%</td>
<td>4%</td>
<td>4%</td>
<td></td>
<td>4.0</td>
<td>7</td>
</tr>
<tr>
<td>Clarity of student responsibilities and requirements was:</td>
<td>25</td>
<td>24%</td>
<td>56%</td>
<td>8%</td>
<td>8%</td>
<td>4%</td>
<td></td>
<td>4.0</td>
<td>6</td>
</tr>
</tbody>
</table>