## Level of Academic Challenge (LAC)

### Benchmark Comparisons

<table>
<thead>
<tr>
<th>Class</th>
<th>St. Lawrence</th>
<th>NCG</th>
<th>Private BA Arts&amp;Sci</th>
<th>NSSE 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mean</td>
<td>Mean</td>
<td>Effect Size</td>
<td>Mean</td>
</tr>
<tr>
<td>First-Year</td>
<td>62.0</td>
<td>60.7</td>
<td>.11</td>
<td>58.9</td>
</tr>
<tr>
<td>Senior</td>
<td>63.7</td>
<td>63.9</td>
<td>-.01</td>
<td>62.1</td>
</tr>
</tbody>
</table>

**First-Year**

**Senior**

![Bar chart showing comparisons between St. Lawrence, NCG, Private BA Arts&Sci, and NSSE 2008](chart.png)

### Level of Academic Challenge (LAC) Items

Challenging intellectual and creative work is central to student learning and collegiate quality. Colleges and universities promote high levels of student achievement by emphasizing the importance of academic effort and setting high expectations for student performance.

- Preparing for class (studying, reading, writing, doing homework or lab work, etc. related to academic program)
- Number of assigned textbooks, books, or book-length packs of course readings
- Number of written papers or reports of 20 pages or more; number of written papers or reports of between 5 and 19 pages; and number of written papers or reports of fewer than 5 pages
- Coursework emphasizes: **Analysis** of the basic elements of an idea, experience or theory
- Coursework emphasizes: **Synthesis** and organizing of ideas, information, or experiences into new, more complex interpretations and relationships
- Coursework emphasizes: **Making of judgments** about the value of information, arguments, or methods
- Coursework emphasizes: **Applying** theories or concepts to practical problems or in new situations
- Working harder than you thought you could to meet an instructor's standards or expectations
- Campus environment emphasizes: Spending significant amount of time studying and on academic work.

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*a* Weighted by gender, enrollment status, and institutional size.

*b* *p < .05  ** *p < .01  *** *p < .001 (2-tailed).

*c* Mean difference divided by the pooled standard deviation.
Active and Collaborative Learning (ACL)

Benchmark Comparisons

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<tr>
<td></td>
<td>Mean a</td>
<td>Sig b</td>
<td>Effect Size c</td>
<td>Mean a</td>
</tr>
<tr>
<td>First-Year</td>
<td>51.5 **</td>
<td>.45</td>
<td>.35</td>
<td>42.5 ***</td>
</tr>
<tr>
<td>Senior</td>
<td>57.4 ***</td>
<td>.39</td>
<td>.28</td>
<td>50.8 ***</td>
</tr>
</tbody>
</table>

Active and Collaborative Learning (ACL) Items

Students learn more when they are intensely involved in their education and asked to think about what they are learning in different settings. Collaborating with others in solving problems or mastering difficult material prepares students for the messy, unscripted problems they will encounter daily during and after college.

- Asked questions in class or contributed to class discussions
- Made a class presentation
- Worked with other students on projects during class
- Worked with classmates outside of class to prepare class assignments
- Tutored or taught other students (paid or voluntary)
- Participated in a community-based project (e.g., service learning) as part of a regular course
- Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)

* Weighted by gender, enrollment status, and institutional size.

b * p<.05  ** p<.01  ***p<.001 (2-tailed).

c Mean difference divided by the pooled standard deviation.
Student-Faculty Interaction (SFI)

Benchmark Comparisons

St. Lawrence compared with:

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<tbody>
<tr>
<td></td>
<td>Mean (^a)</td>
<td>Mean (^a)</td>
<td>Sig (^b)</td>
<td>Effect Size (^c)</td>
</tr>
<tr>
<td>First-Year</td>
<td>40.8</td>
<td>37.1</td>
<td>** .21</td>
<td>.11</td>
</tr>
<tr>
<td>Senior</td>
<td>54.6</td>
<td>50.6</td>
<td>*** .19</td>
<td>.17</td>
</tr>
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First-Year

![First-Year Data Chart]

Senior

![Senior Data Chart]

Student-Faculty Interaction (SFI) Items

Students learn firsthand how experts think about and solve practical problems by interacting with faculty members inside and outside the classroom. As a result, their teachers become role models, mentors, and guides for continuous, life-long learning.

- Discussed grades or assignments with an instructor
- Talked about career plans with a faculty member or advisor
- Discussed ideas from your readings or classes with faculty members outside of class
- Worked with faculty members on activities other than coursework (committees, orientation, student-life activities, etc.)
- Received prompt written or oral feedback from faculty on your academic performance
- Worked on a research project with a faculty member outside of course or program requirements

\(^a\) Weighted by gender, enrollment status, and institutional size.

\(^b\) * p<.05  ** p<.01  ***p<.001 (2-tailed).

\(^c\) Mean difference divided by the pooled standard deviation.
Enriching Educational Experiences (EEE)

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</thead>
<tbody>
<tr>
<td>First-Year</td>
<td>32.1</td>
<td>32.3</td>
<td>-0.02</td>
<td>31.7</td>
</tr>
<tr>
<td>Senior</td>
<td>58.0</td>
<td>54.8***</td>
<td>0.20</td>
<td>52.7 ***</td>
</tr>
</tbody>
</table>

First-Year

Senior

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Enriching Educational Experiences (EEE) Items

Complementary learning opportunities enhance academic programs. Diversity experiences teach students valuable things about themselves and others. Technology facilitates collaboration between peers and instructors. Internships, community service, and senior capstone courses provide opportunities to integrate and apply knowledge.

- Participating in co-curricular activities (organizations, campus publications, student government, social fraternity or sorority, etc.)
- Practicum, internship, field experience, co-op experience, or clinical assignment
- Community service or volunteer work
- Foreign language coursework / Study abroad
- Independent study or self-designed major
- Culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)
- Serious conversations with students of different religious beliefs, political opinions, or personal values
- Serious conversations with students of a different race or ethnicity than your own
- Using electronic medium (e.g., listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment
- Campus environment encouraging contact among students from different economic, social, and racial or ethnic backgrounds
- Participate in a learning community or some other formal program where groups of students take two or more classes together

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* Weighted by gender, enrollment status, and institutional size.
* * p<.05  ** p<.01  ***p<.001 (2-tailed).
* Mean difference divided by the pooled standard deviation.
### Supportive Campus Environment (SCE)

#### Benchmark Comparisons

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<tr>
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<td>64.9</td>
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#### First-Year

- 66.9
- 66.8
- 66.9
- 61.0

#### Senior

- 64.9
- 62.7
- 63.4
- 58.0

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### Supportive Campus Environment (SCE) Items

Students perform better and are more satisfied at colleges that are committed to their success and cultivate positive working and social relations among different groups on campus.

- Campus environment provides the support you need to help you succeed academically
- Campus environment helps you cope with your non-academic responsibilities (work, family, etc.)
- Campus environment provides the support you need to thrive socially
- Quality of relationships with other students
- Quality of relationships with faculty members
- Quality of relationships with administrative personnel and offices

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*a Weighted by gender, enrollment status, and institutional size.*

*b *p<.05  **p<.01  ***p<.001 (2-tailed).*

*c Mean difference divided by the pooled standard deviation.*