Highlights from TILT Study Groups Assessment
Academic Year 2012-2013

Study group participants (defined as students who attended a TILT Study group for their course at least three times in a semester) received significantly higher average grades despite having significantly lower CDHE index scores* on average than non-participants.

<table>
<thead>
<tr>
<th></th>
<th>Study Group Participants</th>
<th>Non-Study Group Participants</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Course Grade</td>
<td>2.97</td>
<td>2.41</td>
<td>.54</td>
</tr>
<tr>
<td>Average Index</td>
<td>114.26</td>
<td>116.51</td>
<td>.19</td>
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</tbody>
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Study group participation results in an average increase of .66 points (over half a letter grade) in course grade after controlling for CDHE index compared to non-study group participants.

**Individual Course Successes:**
Linear regression allows us to predict final course grades based on study group participation after controlling for CDHE index. Participating in a study group accounts for the following increase in course grades in these specific courses:

- CHEM 111: study group participation is associated with an average increase of .62 points in course final grade after controlling for student’s index.
- MATH 161: study group participation is associated with an average increase of .53 points in course final grade after controlling for student’s index.
- LIFE 102: study group participation is associated with an average increase of .62 points in course final grade after controlling for student’s index.

*The admission index is a standard developed by the Colorado Department of Higher Education (CDHE). It is derived using the components of high school work (GPA and/or rank) and standard test scores.

**Student Perceptions of TILT Study Groups:**
- 96% of participants felt that their study group leader presented information in a clear manner
- 100% of participants felt their study group leader was friendly and approachable
- 88% of participants felt that TILT study groups helped them feel more confident in their ability to succeed in the subject on their own
- 85% of participants felt that creative and varied methods were used in study group to learn material

**Student Comments:**
- “Leader was very friendly and encourages students to pursue a deeper understanding of material rather than just get the right answer.”
- “Suggestions on what people should focus more on is what really helped me.”
- “[The study group leader] was a great help for LIFE 102! Very satisfied with the study group program.”
- “Extremely helpful and informative leader! Very enthusiastic and really related to students! Always on time and eager to help!”
- “I love coming to your sessions and I find it very helpful.”
- “Without [the study group leader] I would be failing Physics! Thank you for providing this tutoring!”