Promising Approaches to Enhance Social & Academic Adjustment Among Transitioning Students

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Urban, public, 4-yr
Hispanic-Serving Institution
~32,000 students
~70% from underrepresented groups
~45% first-generation
~68% receive some form of financial aid
~38% transfer
UTSA's Student Success Initiatives

- Graduation Rate Improvement Plan (2011)
- Coordinated & Linked Approaches to Student Success (2016)
- Presidential Student Success Task Force (2018)
PIVOT for Student Success (Title V)

- Alamo Runners
- First to Go and Graduate (F2G&G)
- Roadrunner Transition Experience (RTE)
- Math Matters (MM)
F2GG
First To Go
& Graduate

RTE
Roadrunner Transition Experience
The First-Generation & Transfer Student Center (FTGSC) is committed to supporting students that identify as a first-generation or transfer student as they pursue their undergraduate degree. Through mentorship, student success activities and community building, the center is focused on increasing undergraduate student retention and persistence from year to year.
First to Go & Graduate
F2G&G

Aims to develop and support a UTSA institution-wide culture that actively recognizes, encourages and supports first-generation college students.
F2G&G – Fall 2018

• 15 undergraduate peer mentors
• 376 – mentees
• 23 First-Gen Faculty Coaches
F2GG – La Familia

- Checking In
- Navigating Barriers
- Developing a diverse network
- Becoming involved in campus programming and events
- Going to the next level
### One-Year Retention & Graduation for First to Go and Graduate Fall 2017 Cohort, By Class*

<table>
<thead>
<tr>
<th></th>
<th>FR</th>
<th>SO</th>
<th>JR</th>
<th>SR</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>#</td>
<td>%</td>
<td>#</td>
<td>%</td>
<td>#</td>
</tr>
<tr>
<td>Graduated/Retained</td>
<td>59</td>
<td>84%</td>
<td>12</td>
<td>80%</td>
<td>8</td>
</tr>
<tr>
<td>Graduated</td>
<td></td>
<td>0%</td>
<td></td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Retained</td>
<td>59</td>
<td>84%</td>
<td>12</td>
<td>80%</td>
<td>8</td>
</tr>
<tr>
<td>Retained</td>
<td></td>
<td>14%</td>
<td></td>
<td></td>
<td>2</td>
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</tbody>
</table>

*All percentages rounded to nearest whole number.

**Note:**
- FR = Freshman
- SO = Sophomore
- JR = Junior
- SR = Senior
- All = Total
Roadrunner Transition Experience RTE

Aims to develop and support a UTSA institution-wide culture that actively recognizes, encourages and supports transfer students.
RTE – Fall 2018

• 11 undergraduate peer mentors

• 623 – mentees
## One-Year Retention & Graduation for Roadrunner Transition Experience Fall 2017 Cohort, By Class*

<table>
<thead>
<tr>
<th>Graduated/Retained</th>
<th>FR</th>
<th>SO</th>
<th>JR</th>
<th>SR</th>
<th>PB/SU</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduated</td>
<td>11</td>
<td>65%</td>
<td>80</td>
<td>87%</td>
<td>70</td>
<td>90%</td>
</tr>
<tr>
<td>Retained</td>
<td>11</td>
<td>65%</td>
<td>80</td>
<td>87%</td>
<td>70</td>
<td>90%</td>
</tr>
</tbody>
</table>

* FR: Freshman Year, SO: Sophomore Year, JR: Junior Year, SR: Senior Year, PB/SU: Post-Baccalaureate/Summer Undergraduate
"I loved it my peer mentor was amazing."

"My mentor pushes me to be the best me I can be..."

"I have discovered resources the campus provides that I didn't even know existed..."

"supportive of all the students"

"Best experiences consist of Tuesday or Thursday afternoons meeting with my familia to have dinner and discuss academics, life, struggles, weekly achievements and goals."
Math Matters Student Success Center - MMSSC

Aims to offer a hands-on approach where students learn math by doing math.
“Not every student who fails math drops out of college, but virtually every student who drops out has failed math.”

Montana State University
President Waded Cruzado
March 17, 2015
Emporium Courses
• Algebra for Science and Engineering
• Algebra for Business
• Pre-Calculus

Estimated Enrollment
• AY 18-19: 3900
• AY 19-20: 5600
MMSSC – Key Interventions

• Curriculum Design/Redesign
  • Standardized
  • Foundational Sessions/Math Gyms
  • Online Assignments
  • Academic Progress Reports
  • Faculty and Student Trainings

• Enhanced Learning Lab with Peer Learning Assistants

• Open Educational Resources
## MMSSC – Outcomes in Subsequent Math Course by Instructional Method

<table>
<thead>
<tr>
<th>Overall Grade Distribution for 1093 by semester MAT 1073 (Emporium delivery) was taken</th>
<th>Overall Grade Distribution for 1093 by semester MAT 1073 (Traditional delivery) was taken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overall Outcomes</strong></td>
<td><strong>Total enrolled in MAT 1093</strong></td>
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<tr>
<td><strong>Summer 2016</strong></td>
<td><strong>Overall</strong></td>
</tr>
<tr>
<td><strong>A/B in 1073</strong></td>
<td>6</td>
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<tr>
<td><strong>A/B/C in 1073</strong></td>
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<tr>
<td><strong>D/F/W in 1073</strong></td>
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<tr>
<td><strong>Fall 2016 Overall</strong></td>
<td>38</td>
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<tr>
<td><strong>A/B in 1073</strong></td>
<td>14</td>
</tr>
<tr>
<td><strong>A/B/C in 1073</strong></td>
<td>16</td>
</tr>
<tr>
<td><strong>D/F/W in 1073</strong></td>
<td>12</td>
</tr>
<tr>
<td><strong>Spring 2017</strong></td>
<td><strong>Overall</strong></td>
</tr>
<tr>
<td><strong>A/B in 1073</strong></td>
<td>11</td>
</tr>
<tr>
<td><strong>A/B/C in 1073</strong></td>
<td>14</td>
</tr>
<tr>
<td><strong>D/F/W in 1073</strong></td>
<td>27</td>
</tr>
</tbody>
</table>
MMSSC – How do students feel?

• The learning lab has not only help me boost my math confidence and abilities but helped me build a learning style that I will incorporate into my other classes.

  • I've always been at the wrong end when it comes to taking math...but it has definitely helped when I know there is a lab available with great students who are very great at math. Study sessions and all, that's been my good experience.
• The Success Center with the tutors really helped. The class meeting once a week is great, because we cover everything in one go, and more time is left for doing the notes, homework, and quizzes. The guided notes were amazing, they provided the most important parts of the concept we needed to learn and filling them out before class provided a greater understanding of what was being covered.
UTSA’s next steps in institutional advancement…

- EAB Coordinated Care Network
- Academic Progress Reports
- Centralization of Peer Mentor Training
- Career Ladder for Student Workers
- Hiring Hub for Student Workers
- Continuation of the Math Matters Scale-Up