Calculating Success

\[
\frac{\# \text{ who take } 115 \times \# \text{ who pass } 115 \times \# \text{ who take } 121}{\# \text{ who pass } 121} = \text{Success Rate}
\]
credit
course

50%
pass
developmental course

credit course
pass developmental course

75% pass

take credit course

75% pass

pass credit course

.75 \times .75 \times .75 = 42\%
The Pipeline Effect

- Two levels down: 70% pass, 70% take
- One level down: 70% pass, 70% take
- Gateway course: 70% pass

= 17%
What is a Co-Requisite Model?

Developmental programs in which the developmental course is a co-requisite, not a pre-requisite, to the credit-level course.
Co-Requisite Models

MyCompLab
Writing Center
Compressed
Studio
Stretch
Two Instructors
1 hour
2 hours
3 hours
ALP
ALP
Tri Angle

Co-Compressed Requisite Models
Co-Requisite Models

- MyCompLab
- Writing Center
- Compressed
- Studio
- Stretch
- Two Instructors
- 1 hour
- 2 hours
- 3 hours
- Tri Angle
Co-Requisite Models

1. students are in ENG 101
2. cohort effect
3. small class size
4. coordination of two courses
5. attention to non-cogs
6. developmental students are in a class with 101-level students
7. progressive pedagogy
8. scalable
9. enough time to include reading and non-cogs
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# Costs Analysis for 1000 students

<table>
<thead>
<tr>
<th>Traditional</th>
<th>ALP</th>
</tr>
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<tbody>
<tr>
<td><strong>Dev:</strong> 50 sections X $3000 = $150,000</td>
<td><strong>Dev:</strong> 100 sections X $3000 = $300,000</td>
</tr>
<tr>
<td><strong>101:</strong> 24 sections X $3000 = $72,000</td>
<td><strong>101:</strong> 50 sections X $3000 = $150,000</td>
</tr>
<tr>
<td></td>
<td>total cost = $222,000</td>
</tr>
<tr>
<td>Number of successful students = 333</td>
<td>Number of successful students = 740</td>
</tr>
<tr>
<td>Cost per successful student: $667</td>
<td>Cost per successful student: $581</td>
</tr>
<tr>
<td></td>
<td>Traditional</td>
</tr>
<tr>
<td>----------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>revenue from tuition</td>
<td>$621,600</td>
</tr>
<tr>
<td>revenue from state/county</td>
<td>$404,040</td>
</tr>
<tr>
<td>total revenue</td>
<td>$1,025,640</td>
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<tr>
<td>total cost</td>
<td>$220,000</td>
</tr>
<tr>
<td>difference</td>
<td>+$805,640</td>
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Oregon Model

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