The purpose of the Office of Institutional Research, Planning, and Assessment is to conduct analytical studies and provide information in support of institutional planning, policy formulation and decision making. In addition, the office provides leadership and support in research related activities to members of the NOVA community engaged in planning and evaluating the institution’s success in accomplishing its mission.

ASSOCIATE VICE PRESIDENT FOR INSTITUTIONAL RESEARCH, PLANNING, AND ASSESSMENT

Dr. George E. Gabriel

STAFF MEMBERS

Margret Chang
Anita Dubey
Melanie Jenkins
Marie-Teresa Rangel

4001 Wakefield Chapel Road
Annandale, VA  22003-3796
(703) 323-3129
www.nvcc.edu/oir
Progress of Students in Developmental Math Courses:
Fall 2003 Cohort

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Progress of Students in Developmental Math Courses:
Fall 2003 Cohort

Introduction

The current report includes progress of students who took developmental MTH 003 and 004 courses in Fall 2003. Students who obtained satisfactory grades in these courses were tracked for their success in MTH 151, 163, and 166 courses in Spring 2004. The report also shows success of students after three-years time period. As shown in the tables, the success rate in developmental courses ranged from 38 – 44 percent. For students who succeeded in the developmental courses and took credit math courses in Spring 2004, the success was extremely low – less than 10 percent. Even after a span of three years, the success rate improved only marginally.
Progress of Students in Developmental Math Courses

Table 1. Progress of Students in Developmental Math: MTH 003 to MTH 151 Fall 2003 Cohort

<table>
<thead>
<tr>
<th>Enrollment #</th>
<th>Success #</th>
<th>Success %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1328</td>
<td>510</td>
<td>38.4%</td>
</tr>
</tbody>
</table>

Note: The success percents are calculated out of enrollment cohort number 1328.

- 38.4% students passed MTH 003 in Fall 2003.
- Success rate in MTH 151 was 67.5% when students took it in the following semester after taking developmental MTH 003.

Table 2. Progress of Students in Developmental Math: MTH 004 to MTH 151 Fall 2003 Cohort

<table>
<thead>
<tr>
<th>Enrollment #</th>
<th>Success #</th>
<th>Success %</th>
</tr>
</thead>
<tbody>
<tr>
<td>872</td>
<td>383</td>
<td>43.9%</td>
</tr>
</tbody>
</table>

Note: The success percents are calculated out of enrollment cohort number 872.

- 43.9% students successfully completed MTH 004 in Fall 2003.
- The success rate of students in MTH 151 was fairly high (81.6%) when they took it right after taking MTH 004.
Table 3. Progress of Students in Developmental Math:  
MTH 004 to MTH 163  
Fall 2003 Cohort

<table>
<thead>
<tr>
<th>MTH 004 - Fall 2003</th>
<th>MTH 163 – Spring 2004</th>
<th>MTH 163 – Success in 3 Years Fall 2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment #</td>
<td>Success #</td>
<td>Success %</td>
</tr>
<tr>
<td>872</td>
<td>383</td>
<td>43.9%</td>
</tr>
</tbody>
</table>

Note: The success percents are calculated out of enrollment cohort number 872.

- Almost 60% students succeeded in MTH 163 course after taking developmental MTH 004 previous semester.

Table 4. Progress of Students in Developmental Math:  
MTH 004 to MTH 166  
Fall 2003 Cohort

<table>
<thead>
<tr>
<th>MTH 004 - Fall 2003</th>
<th>MTH 166 – Spring 2004</th>
<th>MTH 166 – Success in 3 Years Fall 2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment #</td>
<td>Success #</td>
<td>Success %</td>
</tr>
<tr>
<td>872</td>
<td>383</td>
<td>43.9%</td>
</tr>
</tbody>
</table>

Note: The success percents are calculated out of enrollment cohort number 872.

- The success rate of students of MTH 004 cohort is fairly low in MTH 166 courses. Only 41.8% students who had successfully completed MTH 004 in Fall 2003 succeeded in MTH 166 in Spring 2004.
Appendix