

## MATH 110 Elementary Algebra (5.0 Units), Online Mode

### Part I—Summary: Enrollment and Student Outcomes

|              | Fall 2009 |             | Fall 2010 |             | Fall 2011 |             | Total    |             |
|--------------|-----------|-------------|-----------|-------------|-----------|-------------|----------|-------------|
|              | Distance  | Traditional | Distance  | Traditional | Distance  | Traditional | Distance | Traditional |
| # Sections   | 1         | 7           | 1         | 7           | 1         | 8           | 3        | 22          |
| #Enrollments | 40        | 240         | 44        | 267         | 49        | 283         | 133      | 790         |
| % Success    | 17.5      | 49.2        | 25        | 49.2        | 8.2       | 58.3        | 16.5     | 56.5        |
| % Retention  | 70        | 68.3        | 63.6      | 80.9        | 59.2      | 79.9        | 63.9     | 76.7        |

### Part II—Demographic Profile: Enrollment and Student Outcomes

| Demographic Variable | Distance   |            | Traditional |            | Distance  |           |             |             | Traditional |            |             |             |
|----------------------|------------|------------|-------------|------------|-----------|-----------|-------------|-------------|-------------|------------|-------------|-------------|
|                      | Count      | %          | Count       | %          | Success   | Retention | % Success   | % Retention | Success     | Retention  | % Success   | % Retention |
| <b>Ethnicity</b>     |            |            |             |            |           |           |             |             |             |            |             |             |
| Asian                | 16         | 12.0       | 49          | 6.2        | 2         | 11        | 12.5        | 68.7        | 30          | 41         | 61.2        | 83.7        |
| Black                | 6          | 4.5        | 42          | 5.3        | 0         | 2         | 0.0         | 33.3        | 14          | 31         | 33.3        | 73.8        |
| Filipino             | 17         | 12.8       | 68          | 8.6        | 2         | 8         | 11.8        | 47.1        | 44          | 56         | 64.7        | 82.4        |
| Hispanic             | 21         | 15.8       | 209         | 26.5       | 4         | 17        | 19.0        | 81.0        | 109         | 153        | 52.2        | 73.2        |
| Native Am            | 0          | 0.0        | 1           | 0.1        | 0         | 0         | 0.0         | 0.0         | 1           | 1          | 100.0       | 100.0       |
| Pac Islander         | 6          | 4.5        | 28          | 3.5        | 1         | 6         | 16.7        | 100.0       | 11          | 19         | 39.3        | 67.9        |
| White                | 43         | 32.3       | 243         | 30.8       | 7         | 26        | 16.3        | 60.5        | 148         | 192        | 60.9        | 79.0        |
| Other                | 15         | 11.3       | 98          | 12.4       | 4         | 9         | 26.7        | 60.0        | 59          | 74         | 60.2        | 75.5        |
| Unrecorded           | 9          | 6.8        | 52          | 6.6        | 2         | 6         | 22.2        | 66.7        | 30          | 39         | 57.7        | 75.0        |
| <b>Total</b>         | <b>133</b> | <b>100</b> | <b>790</b>  | <b>100</b> | <b>22</b> | <b>85</b> | <b>16.5</b> | <b>63.9</b> | <b>446</b>  | <b>606</b> | <b>56.5</b> | <b>76.7</b> |
| <b>Gender</b>        |            |            |             |            |           |           |             |             |             |            |             |             |
| Female               | 85         | 63.9       | 342         | 43.3       | 11        | 50        | 12.9        | 58.8        | 203         | 263        | 59.4        | 76.9        |
| Male                 | 47         | 35.3       | 424         | 53.7       | 11        | 34        | 23.4        | 72.3        | 228         | 324        | 53.8        | 76.4        |
| Unrecorded           | 1          | 0.8        | 24          | 3          | 0         | 1         | 0.0         | 100.0       | 15          | 19         | 62.5        | 79.2        |
| <b>Total</b>         | <b>133</b> | <b>100</b> | <b>790</b>  | <b>100</b> | <b>22</b> | <b>85</b> | <b>16.5</b> | <b>63.9</b> | <b>446</b>  | <b>606</b> | <b>56.5</b> | <b>76.7</b> |
| <b>Age</b>           |            |            |             |            |           |           |             |             |             |            |             |             |
| 19 or less           | 40         | 30.1       | 466         | 59         | 2         | 29        | 5.0         | 72.5        | 256         | 368        | 54.9        | 79.0        |
| 20-24                | 37         | 27.8       | 191         | 24.2       | 7         | 23        | 18.9        | 62.2        | 100         | 133        | 52.4        | 69.6        |
| 25-29                | 20         | 15.0       | 52          | 6.6        | 4         | 13        | 20.0        | 65.0        | 37          | 44         | 71.2        | 84.6        |
| 30-34                | 18         | 13.5       | 25          | 3.2        | 6         | 12        | 33.3        | 66.7        | 13          | 17         | 52.0        | 68.0        |
| 35-39                | 7          | 5.3        | 15          | 1.9        | 1         | 3         | 14.3        | 42.9        | 8           | 9          | 53.3        | 60.0        |
| 40-49                | 8          | 6.0        | 16          | 2          | 1         | 3         | 12.5        | 37.5        | 14          | 14         | 87.5        | 87.5        |
| 50+                  | 2          | 1.5        | 12          | 1.5        | 1         | 1         | 50.0        | 50.0        | 9           | 10         | 75.0        | 83.3        |
| Unrecorded           | 1          | 0.8        | 13          | 1.6        | 0         | 1         | 0.0         | 100.0       | 9           | 11         | 69.2        | 84.6        |
| <b>Total</b>         | <b>133</b> | <b>100</b> | <b>790</b>  | <b>100</b> | <b>22</b> | <b>85</b> | <b>16.5</b> | <b>63.9</b> | <b>446</b>  | <b>606</b> | <b>56.5</b> | <b>76.7</b> |

#### DEFINITIONS AND NOTES:

**Overview of Data:** This is a delivery-mode comparison of student success in online courses with their traditional mode counterparts, if offered. The comparison spans Fall semesters only: F'09, F'10, F'11.

#### Part I: Enrollment & Student Outcomes

Displays summary data of total enrollment, numbers of sections offered, retention, and success.

#### Part II: Demographic Profile

Displays comparative demographic data aggregated with retention and success data. This includes totals for all Fall semesters combined.

**Enrollments:** Indicates a duplicated headcount that is the sum of end-of-term enrollments.

**Retention %:** The percentage of enrollments with a grade of A, B, C, D, F, P, NP, I, at end-of-term. (Only excludes W's.)

**Success %:** Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, P at end-of-term."

(\* ) Indicates no distance course offered and no comparison

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**MATH 120 Intermediate Algebra (5.0 Units), Online Mode**  
**Part I—Summary: Enrollment and Student Outcomes**

|              | Fall 2009 |             | Fall 2010 |             | Fall 2011 |             | Total    |             |
|--------------|-----------|-------------|-----------|-------------|-----------|-------------|----------|-------------|
|              | Distance  | Traditional | Distance  | Traditional | Distance  | Traditional | Distance | Traditional |
| # Sections   | 1         | 11          | 1         | 11          | 1         | 12          | 3        | 34          |
| #Enrollments | 57        | 400         | 48        | 415         | 42        | 441         | 147      | 1256        |
| % Success    | 36.8      | 66          | 29.2      | 66          | 47.6      | 57.1        | 37.4     | 59.9        |
| % Retention  | 71.9      | 84          | 72.9      | 81          | 69        | 78.7        | 71.4     | 81.1        |

**Part II—Demographic Profile: Enrollment and Student Outcomes**

| Demographic Variable | Distance   |            | Traditional |            | Distance  |            |             |             | Traditional |             |             |             |
|----------------------|------------|------------|-------------|------------|-----------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                      | Count      | %          | Count       | %          | Success   | Retention  | % Success   | % Retention | Success     | Retention   | % Success   | % Retention |
| <b>Ethnicity</b>     |            |            |             |            |           |            |             |             |             |             |             |             |
| Asian                | 21         | 14.3       | 142         | 11.3       | 9         | 18         | 42.9        | 85.7        | 98          | 124         | 69.0        | 87.3        |
| Black                | 5          | 3.4        | 56          | 4.5        | 0         | 2          | 0.0         | 40.0        | 25          | 39          | 44.6        | 69.6        |
| Filipino             | 13         | 8.8        | 107         | 8.5        | 5         | 9          | 38.5        | 69.2        | 72          | 89          | 67.3        | 83.2        |
| Hispanic             | 27         | 18.4       | 280         | 22.3       | 6         | 18         | 22.2        | 66.7        | 155         | 221         | 55.4        | 78.9        |
| Native Am            | 1          | 0.7        | 5           | 0.4        | 0         | 0          | 0.0         | 0.0         | 3           | 3           | 60.0        | 60.0        |
| Pac Islander         | 5          | 3.4        | 43          | 3.4        | 3         | 3          | 60.0        | 60.0        | 22          | 34          | 51.2        | 79.1        |
| White                | 61         | 41.5       | 406         | 32.3       | 26        | 43         | 42.6        | 70.5        | 253         | 332         | 62.3        | 81.8        |
| Other                | 4          | 2.7        | 131         | 10.4       | 1         | 3          | 25.0        | 75.0        | 69          | 101         | 52.7        | 77.1        |
| Unrecorded           | 10         | 6.8        | 86          | 6.8        | 5         | 9          | 50.0        | 90.0        | 55          | 76          | 64.0        | 88.4        |
| <b>Total</b>         | <b>147</b> | <b>100</b> | <b>1256</b> | <b>100</b> | <b>55</b> | <b>105</b> | <b>37.4</b> | <b>71.4</b> | <b>752</b>  | <b>1019</b> | <b>59.9</b> | <b>81.1</b> |
| <b>Gender</b>        |            |            |             |            |           |            |             |             |             |             |             |             |
| Female               | 91         | 61.9       | 569         | 45.3       | 32        | 63         | 35.2        | 69.2        | 371         | 465         | 65.2        | 81.7        |
| Male                 | 52         | 35.4       | 642         | 51.1       | 20        | 38         | 38.5        | 73.1        | 356         | 515         | 55.5        | 80.2        |
| Unrecorded           | 4          | 2.7        | 45          | 3.6        | 3         | 4          | 75.0        | 100.0       | 25          | 39          | 55.6        | 86.7        |
| <b>Total</b>         | <b>147</b> | <b>100</b> | <b>1256</b> | <b>100</b> | <b>55</b> | <b>105</b> | <b>37.4</b> | <b>71.4</b> | <b>752</b>  | <b>1019</b> | <b>59.9</b> | <b>81.1</b> |
| <b>Age</b>           |            |            |             |            |           |            |             |             |             |             |             |             |
| 19 or less           | 32         | 21.8       | 691         | 55         | 11        | 23         | 34.4        | 71.9        | 398         | 559         | 57.6        | 80.9        |
| 20-24                | 55         | 37.4       | 347         | 27.6       | 15        | 41         | 27.3        | 74.5        | 206         | 278         | 59.4        | 80.1        |
| 25-29                | 19         | 12.9       | 86          | 6.8        | 7         | 12         | 36.8        | 63.2        | 58          | 74          | 67.4        | 86.0        |
| 30-34                | 14         | 9.5        | 45          | 3.6        | 5         | 10         | 35.7        | 71.4        | 31          | 36          | 68.9        | 80.0        |
| 35-39                | 11         | 7.5        | 27          | 2.1        | 5         | 7          | 45.5        | 63.6        | 19          | 22          | 70.4        | 81.5        |
| 40-49                | 9          | 6.1        | 27          | 2.1        | 7         | 7          | 77.8        | 77.8        | 20          | 21          | 74.1        | 77.8        |
| 50+                  | 5          | 3.4        | 8           | 0.6        | 3         | 3          | 60.0        | 60.0        | 8           | 8           | 100.0       | 100.0       |
| Unrecorded           | 2          | 1.4        | 25          | 2          | 2         | 2          | 100.0       | 100.0       | 12          | 21          | 48.0        | 84.0        |
| <b>Total</b>         | <b>147</b> | <b>100</b> | <b>1256</b> | <b>100</b> | <b>55</b> | <b>105</b> | <b>37.4</b> | <b>71.4</b> | <b>752</b>  | <b>1019</b> | <b>59.9</b> | <b>81.1</b> |

**DEFINITIONS AND NOTES:**

**Overview of Data:** This is a delivery-mode comparison of student success in online courses with their traditional mode counterparts, if offered. The comparison spans Fall semesters only: F'09, F'10, F'11.

**Part I: Enrollment & Student Outcomes**

Displays summary data of total enrollment, numbers of sections offered, retention, and success.

**Part II: Demographic Profile**

Displays comparative demographic data aggregated with retention and success data. This includes totals for all Fall semesters combined.

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**Success %:** Also known as "successful course completion." The percentage of enrollments with a grade of A, B, C, P at end-of-term."

**(\*) Indicates no distance course offered and no comparison**

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## MATH 200 Elem. Probability & Statistics (4.0 Units), Online Mode

### Part I—Summary: Enrollment and Student Outcomes

|              | Fall 2009 |             | Fall 2010 |             | Fall 2011 |             | Total    |             |
|--------------|-----------|-------------|-----------|-------------|-----------|-------------|----------|-------------|
|              | Distance  | Traditional | Distance  | Traditional | Distance  | Traditional | Distance | Traditional |
| # Sections   | 0         | 7           | 0         | 7           | 1         | 7           | 1        | 21          |
| #Enrollments | 0         | 269         | 0         | 274         | 27        | 247         | 27       | 790         |
| % Success    | 0         | 50.6        | 0         | 50.6        | 59.3      | 61.1        | 59.3     | 57.8        |
| % Retention  | 0         | 72.9        | 0         | 75.2        | 63        | 73.7        | 63       | 73.9        |

### Part II—Demographic Profile: Enrollment and Student Outcomes

| Demographic Variable | Distance  |            | Traditional |            | Distance  |           |             |             | Traditional |            |             |             |
|----------------------|-----------|------------|-------------|------------|-----------|-----------|-------------|-------------|-------------|------------|-------------|-------------|
|                      | Count     | %          | Count       | %          | Success   | Retention | % Success   | % Retention | Success     | Retention  | % Success   | % Retention |
| <b>Ethnicity</b>     |           |            |             |            |           |           |             |             |             |            |             |             |
| Asian                | 6         | 22.2       | 146         | 18.5       | 5         | 5         | 83.3        | 83.3        | 103         | 125        | 70.5        | 85.6        |
| Black                | 1         | 3.7        | 20          | 2.5        | 1         | 1         | 100.0       | 100.0       | 13          | 16         | 65.0        | 80.0        |
| Filipino             | 0         | 0.0        | 79          | 10         | 0         | 0         | 0.0         | 0.0         | 40          | 54         | 50.6        | 68.4        |
| Hispanic             | 6         | 22.2       | 154         | 19.5       | 4         | 5         | 66.7        | 83.3        | 73          | 100        | 47.4        | 64.9        |
| Native Am            | 0         | 0.0        | 2           | 0.3        | 0         | 0         | 0.0         | 0.0         | 1           | 2          | 50.0        | 100.0       |
| Pac Islander         | 0         | 0.0        | 16          | 2          | 0         | 0         | 0.0         | 0.0         | 5           | 12         | 31.2        | 75.0        |
| White                | 11        | 40.7       | 243         | 30.8       | 6         | 6         | 54.5        | 54.5        | 144         | 179        | 59.3        | 73.7        |
| Other                | 3         | 11.1       | 59          | 7.5        | 0         | 0         | 0.0         | 0.0         | 34          | 43         | 57.6        | 72.9        |
| Unrecorded           | 0         | 0.0        | 71          | 9          | 0         | 0         | 0.0         | 0.0         | 44          | 53         | 62.0        | 74.6        |
| <b>Total</b>         | <b>27</b> | <b>100</b> | <b>790</b>  | <b>100</b> | <b>16</b> | <b>17</b> | <b>59.3</b> | <b>63</b>   | <b>457</b>  | <b>584</b> | <b>57.8</b> | <b>73.9</b> |
| <b>Gender</b>        |           |            |             |            |           |           |             |             |             |            |             |             |
| Female               | 17        | 63.0       | 386         | 48.9       | 11        | 12        | 64.7        | 70.6        | 239         | 290        | 61.9        | 75.1        |
| Male                 | 10        | 37.0       | 379         | 48         | 5         | 5         | 50.0        | 50.0        | 203         | 273        | 53.6        | 72.0        |
| Unrecorded           | 0         | 0.0        | 25          | 3.2        | 0         | 0         | 0.0         | 0.0         | 15          | 21         | 60.0        | 84.0        |
| <b>Total</b>         | <b>27</b> | <b>100</b> | <b>790</b>  | <b>100</b> | <b>16</b> | <b>17</b> | <b>59.3</b> | <b>63</b>   | <b>457</b>  | <b>584</b> | <b>57.8</b> | <b>73.9</b> |
| <b>Age</b>           |           |            |             |            |           |           |             |             |             |            |             |             |
| 19 or less           | 6         | 22.2       | 304         | 38.5       | 1         | 1         | 16.7        | 16.7        | 185         | 242        | 60.9        | 79.6        |
| 20-24                | 8         | 29.6       | 317         | 40.1       | 5         | 6         | 62.5        | 75.0        | 165         | 217        | 52.1        | 68.5        |
| 25-29                | 8         | 29.6       | 70          | 8.9        | 6         | 6         | 75.0        | 75.0        | 42          | 51         | 60.0        | 72.9        |
| 30-34                | 2         | 7.4        | 36          | 4.6        | 2         | 2         | 100.0       | 100.0       | 23          | 24         | 63.9        | 66.7        |
| 35-39                | 1         | 3.7        | 17          | 2.2        | 0         | 0         | 0.0         | 0.0         | 13          | 14         | 76.5        | 82.4        |
| 40-49                | 2         | 7.4        | 15          | 1.9        | 2         | 2         | 100.0       | 100.0       | 11          | 12         | 73.3        | 80.0        |
| 50+                  | 0         | 0.0        | 13          | 1.6        | 0         | 0         | 0.0         | 0.0         | 7           | 8          | 53.8        | 61.5        |
| Unrecorded           | 0         | 0.0        | 18          | 2.3        | 0         | 0         | 0.0         | 0.0         | 11          | 16         | 61.1        | 88.9        |
| <b>Total</b>         | <b>27</b> | <b>100</b> | <b>790</b>  | <b>100</b> | <b>16</b> | <b>17</b> | <b>59.3</b> | <b>63</b>   | <b>457</b>  | <b>584</b> | <b>57.8</b> | <b>73.9</b> |

#### DEFINITIONS AND NOTES:

Distance course not offered Fall 2009 and Fall 2010.

**Overview of Data:** This is a delivery-mode comparison of student success in online courses with their traditional mode counterparts, if offered. The comparison spans Fall semesters only: F'09, F'10, F'11.

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**(\*) Indicates no distance course offered and no comparison**

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