To: Barbara Illowsky, Professor

From: Mallory Newell, College Researcher

## Re: Math 210 and 212 Enrollments and Grades

The attached fall 2009, winter 2009 and spring 2010 Math 210 and Math 212 courses counted by the grade each student received. Grades were reported as pass ( $A, B, C, P$ ), did not pass ( $D, F$ NP) or withdraw (W).

An analysis of the data shows that passing rates for students in Math 210 fluctuates between 56\% and $47 \%$ while Math 212 fluctuates between $60 \%$ and $51 \%$. Withdraw rates for Math 210 range from 20\% to 12\% and for Math 212 withdraw rates range from $22 \%$ to $17 \%$.

Fall 2009:

- $56 \%$ of students passed Math 210 with $32 \%$ not passing and $12 \%$ withdrawing from the course.
- $60 \%$ of students passed Math 212 with $23 \%$ not passing and $17 \%$ withdrawing from the course.

Winter 2009:

- $58 \%$ of students passed Math 210 while $26 \%$ did not pass and $16 \%$ withdrew.
- $57 \%$ of students passed Math 212 with $19 \%$ not passing and $24 \%$ withdrew.

Spring 2010:

- $47 \%$ of students passed Math 210 with $33 \%$ not passing and $20 \%$ withdrew.
- $51 \%$ of students passed Math 212 with $27 \%$ not passing and $22 \%$ withdrew.

Enrollments for Math 210 and 212 for Fall 2009, Winter 2009 and Spring 2010.

| 2009F | 2009F | 2009W | 2009W | 2010S | 2010S |
| ---: | :--- | :--- | ---: | ---: | ---: |
| MATH210. | MATH212. | MATH210. | MATH212. | MATH210. | MATH212. |
| 595 | 928 | 421 | 1108 | 321 | 755 |

Students who passed with A, B, C, P or did not pass D, F, NP or withdrew with a W in Math 210 and 212
Fall
2009

| Term | 2009F |  |  | 2009F |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Course | MATH210. | MATH210. | MATH210. | MATH210. | MATH212. | MATH212. | MATH212. | MATH212. |
| Outcome | Did Not <br> Pass | Withdraw | Pass | Total | Did Not <br> Pass | Withdraw | Pass | Total |
| Grade | 189 | 74 | 332 | 595 | 212 | 154 | 562 | 928 |
| $\%$ | $32 \%$ | $12 \%$ | $56 \%$ | $100 \%$ | $23 \%$ | $17 \%$ | $60 \%$ | $100 \%$ |


| $\begin{aligned} & \text { Winter } \\ & 2009 \end{aligned}$ |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Term | 2009W |  |  |  | 2009W |  |  |  |
| Course | MATH210. | MATH210. | MATH210. | MATH210. | MATH212. | MATH212. | MATH212. | MATH212. |
| Outcome | Did Not Pass | Withdraw | Pass | Total | Did Not Pass | Withdraw | Pass | Total |
| Grade | 108 | 69 | 244 | 421 | 211 | 264 | 633 | 1108 |
| \% | 26\% | 16\% | 58\% | 100\% | 19\% | 24\% | 57\% | 100\% |

## Spring

2010

| Term | 2010S |  |  |  | 2010S |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Course | MATH210. | MATH210. | MATH210. | MATH210. | MATH212. | MATH212. | MATH212. | MATH212. |
| Outcome | Did Not <br> Pass | Withdraw | Pass | Total | Did Not <br> Pass | Withdraw | Pass | Total |
| Grade | 106 | 63 | 152 | 321 | 207 | 164 | 384 | 755 |
| $\%$ | $33 \%$ | $20 \%$ | $47 \%$ | $100 \%$ | $27 \%$ | $22 \%$ | $51 \%$ | $100 \%$ |

