

Department will like to compare two different types of instructional method.

Table A shows success of lecture style (traditional) vs. Mod 099 (delivering instructions using online software)

SPRING 2011 Assessment

Table A

| Math 99 Lecture type of classes | | | | Math 99 MOD classes | | | |
|--|-----|-------|---------------|----------------------------|-----|-------|---------------|
| Enrollment | 693 | | | Enrollment | 170 | | |
| Completing | 480 | 69.3% | of Enrollment | Completing | 131 | 77.1% | of Enrollment |
| Passing | 290 | 60.4% | of Completing | Passing | 75 | 57.3% | of Complete |
| Failing | 190 | 39.6% | of Completing | Failing | 56 | 42.7% | of Complete |
| "D" | 68 | 14.2% | of Completing | "D" | 22 | 16.8% | of Complete |
| "F" | 114 | 23.8% | of Completing | "F" | 34 | 26.0% | of Complete |
| "I" | 8 | 1.7% | of Completing | ADW - WTH | 30 | 17.6% | of Enrollment |
| ADW - WTH | 170 | 24.5% | of Enrollment | DEL - NSW | 9 | 5.3% | of Enrollment |
| DEL - NSW | 31 | 4.5% | of Enrollment | | | | |

At the end of fall 2011 we checked the comparative academic history of students enrolled in the next level of math and results are shown in table B, for regular math and MOD students.

Table B

| Fall 2011 Enrollment Lecture classes | | | | Fall 2011 Enrollment MOD classes | | | |
|---|------------|-------|---------------------|---|------------|-------|---------------------|
| Course | Enrollment | | | Course | Enrollment | | |
| M 118 | 99 | 34.1% | of Qualifying | M 118 | 32 | 42.7% | of Qualifying |
| M 121 | 6 | 2.1% | of Qualifying | M 121 | 1 | 1.3% | of Qualifying |
| M 125 | 21 | 7.2% | of Qualifying | M 125 | 10 | 13.3% | of Qualifying |
| M 140 | 24 | 8.3% | of Qualifying | M 140 | 3 | 4.0% | of Qualifying |
| M 143 | 10 | 3.4% | of Qualifying | M 143 | 4 | 5.3% | of Qualifying |
| M 207 | 4 | 1.4% | of Qualifying | M 207 | 1 | 1.3% | of Qualifying |
| M 99 | 110 | 15.9% | of Enrollment | M 99 | 19 | 11.2% | of Enrollment |
| Total | 274 | 94.5% | of Qualifying | Totals | 70 | 41.2% | of Qualifying |
| Returning | 145 | | 20.9% of Enrollment | Returning | 36 | | 21.2% of Enrollment |
| Drop | 274 | | 39.5% of Enrollment | Drop | 64 | | 37.6% of Enrollment |

Ratio Lecture/ MOD 099 section (699/170). Looking at above two tables we cannot derive any conclusion at the present moment.

Future study

We have data from regular Math 099 (Lecture) and MOD classes form fall 2011 at the end sp 2012 we will look at the math history of students from both groups and compare.

