

THREE-YEAR MATH-021 COHORT / Modularized vs. Standard

* * Entire & Limited Cohort Pass & Completion Rates * *

Institutional Research (IR) used Cognos BI software to query historical data in MCC's Data Warehouse. A cohort of all students who passed MATH-021 in either the standard or modularized delivery method from Fall of 2008 to Present was created.

ABOUT THE COHORT

- 1,531 students passed Standard MATH-021
- 84 students passed all 5 modules (A,B,C, & D) of Modularized MATH-021

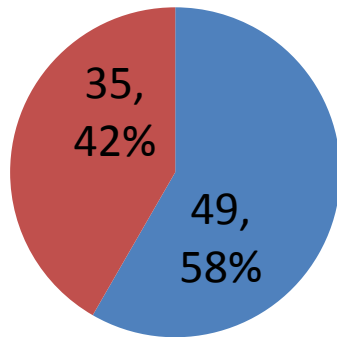
PERSISTENCE & PASS/FAIL RATES FOR MODULARIZED VS. STANDARD

- Modularized MATH-021 completers have an 18% higher persistence rate compared to Standard MATH-021 completers (persistence is defined as taking a subsequent MATH course)
- When the entire cohort is examined, Modularized MATH-021 completers have a 12% higher rate of taking and passing a subsequent MATH course
- When the cohort is limited to only those students who took a subsequent course, Standard MATH-021 has a 12% higher pass rate

THREE-YEAR MATH-021 COHORT / Modularized vs. Standard

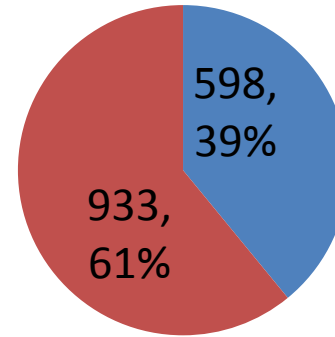
** PERSISTENCE & RETENTION RATES – ENTIRE COHORT **

Modularized MATH-021



N=84 [2008/2 – Present]

Standard MATH-021



N=1,531 [2008/2 – Present]

PERSISTENCE/RETENTION RATES IN STANDARD VS. MODULARIZED MATH-021

- 58.3% of students who passed Modularized MATH-021 and went on to take a subsequent MATH course
- 39.1% of students who passed Standard MATH-021 and went on to take a subsequent MATH course

THREE-YEAR MATH-021 COHORT / Modularized vs. Standard

* * Entire & Limited Cohort Pass & Completion Rates * *

MODULARIZED MATH-021 HAS A HIGHER PASS RATE FOR THE ENTIRE COHORT

- 36.9% of students who passed the modularized MATH-021 went on to take and pass a subsequent MATH course
- 29.1% of students who passed the standard MATH-021 went on to take and pass a subsequent MATH course

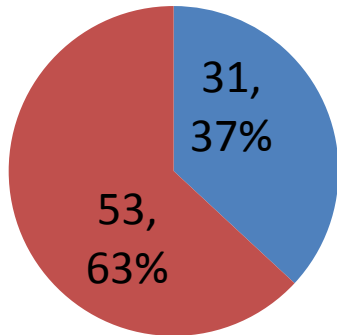
STANDARD MATH-021 HAS A HIGHER PASS RATE WHEN THE COHORT IS LIMITED

- 63.2% of students who passed Modularized MATH-021 and went on to take a subsequent MATH course pass a subsequent MATH course.
- 74.7% of students who passed Standard MATH-021 and went on to take a subsequent MATH course pass a subsequent MATH course.

THREE-YEAR MATH-021 COHORT / Modularized vs. Standard

* * Entire Cohort - Every Student Who Passed MATH-021 * *

Modularized MATH-021



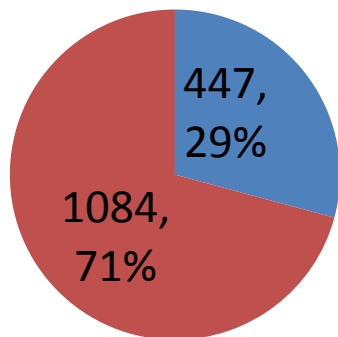
N=84 [2008/2 – Present]

MODULARIZED MATH-021

Of the 84 who passed all five modules of MATH-021/A/B/C/D/E in this time period, 31 (36.9%) went on to take and pass a subsequent Math course (MATH-110 or higher).

36.9% pass rate

Standard MATH-021



N=1,531 [2008/2 – Present]

STANDARD MATH-021

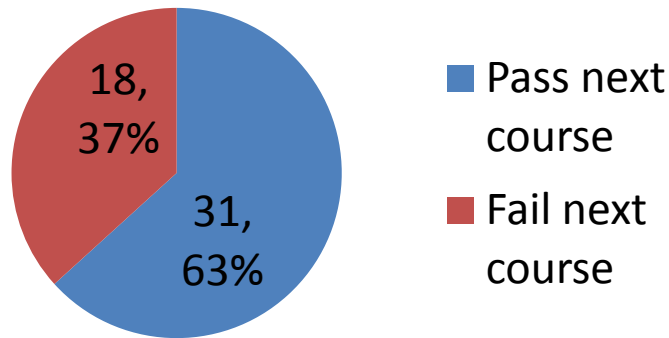
Of the 1,531 who passed Standard MATH-021 in this time period, 447 (29.1%) went on to take and pass a subsequent Math course (MATH-110 or higher).

29.1% pass rate

THREE-YEAR MATH-021 COHORT / Modularized vs. Standard

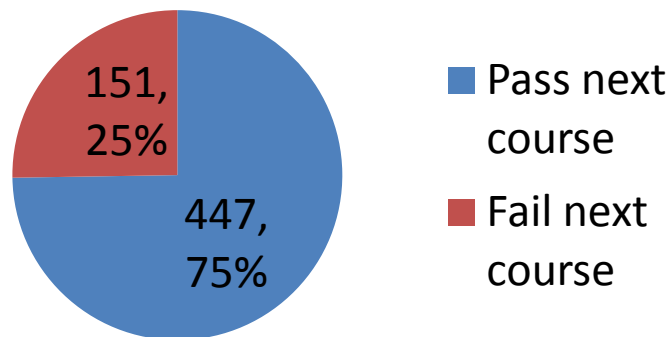
** Partial Cohort – Limited to Students Who Took a Subsequent Course **

Modularized MATH-021



N=49 [2008/2 – Present]

Standard MATH-021



N=598 [2008/2 – Present]

MODULARIZED MATH-021

Of the 84 who passed all five modules of MATH-021/A/B/C/D/E in this time period, 49 (58.3%) went on to take a subsequent Math course (MATH-110 or higher).

63.3% pass rate

STANDARD MATH-021

Of the 1,531 who passed Standard MATH-021 in this time period, 598 (39.1%) went on to take a subsequent Math course (MATH-110 or higher).

75% pass rate