

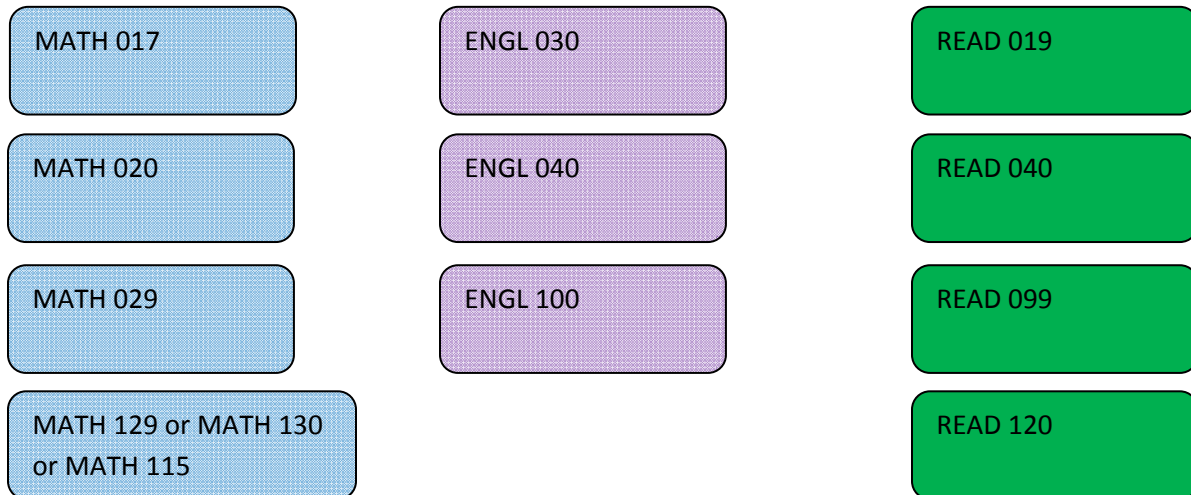
Fast-Track Students' Performance in Subsequent Classes

Prepared by Office of Institutional Research

Purpose: This study compares fast-track students' performance in subsequent classes with regular session students in the same subsequent classes. For students who successfully completed Fast Track Basic Skills course in English, Math, or Reading, we tracked their performance in the subsequent course level starting from Fall 2006. We then compared their performance with students who took the same basic skill course in a regular session in the same term and also subsequently enrolled in the next course level.

Method

Cohort: Students who successfully completed any Fast Track Basic Skills class in Fall 2006¹ and their performance in the next level course. We gave them three terms to take the next course and took only their highest grade received. Please refer to the diagram below to check course levels.



We started with students who successfully completed a Fast Track in Fall 2006 (regardless if they start in the first half or second half) and analyzed their success based on the best attempt in the next level course in the following year (3-4 academic terms).

For an example, Student A successfully completed MATH 020 Fast Track during Fall 2006, we tracked her performance in MATH 029 within the next three terms. The comparison group consisted of students who successfully completed Math 020 regular session in Fall 2006 and enrolled in Math 029 within the next three terms.

Caveat: Some students may not take the next course within the same year but waited for more than three terms. In that case, these students were not included in this study.

¹ We are also repeating the same for students who successfully completed any Fast Track Basic Skills class in Spring 2007, Fall 2007 and Spring 2008.

Sample Table for MATH

Starting Course	Reg. Students Succeeded (group one)	FT Students Succeeded (group two)		Next Level Course	Subsequent Enrollment from group one	Success	Subsequent Enrollment from group two	Success
Math 017	#	#		MATH 020	#	%	#	%
Math 020	#	#		MATH 029	#	%	#	%
Math 029	#	#		MATH 115, 129, 130	#	%	#	%

Based on this table, we tracked the number of students successfully completed in the above Math courses and based on the next level course, how many of them took the class within one academic year? And, how many of them succeeded, comparing to students who did not take fast track in the initial class?

Results:

Fall 2006 Cohort

(Students who succeeded in MATH020 in Fall 2006 and took Math 029 in Spring 2007, Summer 2007, or Fall 07 or possibly Fall 2006 if they were fast track in Fall 2006)

Starting Course	Reg. Students Succeeded (group one)	FT Students Succeeded (group two)		Next Level Course	Subsequent Enrollment from group one	Success	Subsequent Enrollment from group two	Success
MATH020	209	39		MATH029	189	47.6%	33	54.5%

Fall 2006 Observation: The success rate in the subsequent class for students who were in Fall 2006 Fast Track MATH020 is higher than those who took regular MATH020 in Fall 2006.

Spring 2007 Cohort

(Students who successfully completed the courses in the first column in Spring 2007 and took the respective subsequent courses in Summer 2007, Fall 2007, Winter 2008, or Spring 2008 or possibly Spring 2007 if they were fast track in Spring 2007)

Starting Course	Reg. Students Succeeded (group one)	FT Students Succeeded (group two)		Next Level Course	Subsequent Enrollment from group one	Success	Subsequent Enrollment from group two	Success
ENGL040	246	15		ENGL100	175	81.7%	12	83.3%
MATH017	102	21		MATH020	58	56.9%	20	55.0%
MATH020	128	24		MATH029	79	67.1%	20	60.0%
READ019	78	20		READ040	28	85.7%	15	53.3%
READ040	115	39		READ099	86	91.9%	25	72.0%
READ099	269	33		READ120	0	0.0%	0	0.0%

Spring 2007 Observation: The success rate in the subsequent class for students who were in Spring 2007 Fast Track ENGL040 is higher than those who took regular ENGL040 in Spring 2007. However, for other courses, the success rates in subsequent classes for regular classes are higher than fast track.

Fall 2007 Cohort

(Students who successfully completed the courses in the first column in Fall 2007 and took the respective subsequent courses in Winter 2008, Spring 2008, Summer 2008, or Fall 2008, or possibly Fall 2007 if they were fast track in Fall 2007)

Starting Course	Reg. Students Succeeded (group one)	FT Students Succeeded (group two)		Next Level Course	Subsequent Enrollment from group one	Success	Subsequent Enrollment from group two	Success
ENGL030	121	25		ENGL040	95	70.5%	22	90.9%
ENGL040	313	55		ENGL100	235	83.0%	51	86.3%
MATH017	137	45		MATH020	103	67.0%	38	65.8%
MATH020	189	41		MATH029	132	63.6%	36	72.2%
MATH029	255	15		MATH130	202	63.4%	12	41.7%
READ019	124	27		READ040	81	87.7%	22	95.5%
READ040	139	80		READ099	99	80.8%	69	82.6%
READ099	327	45		READ120	0	0.0%	0	0.0%

Fall 2007 Observation: The success rates in the subsequent class for students who were in Fall 2007 Fast Track ENGL030, ENGL040, MATH020, READ019, READ040 are higher than those who took those regular classes in Fall 2007. However, for other courses, the success rates in subsequent classes for regular classes are higher than fast track.

Spring 2008

(Students who successfully completed the courses in the first column in Spring 2008 and took the respective subsequent courses in Summer 2008, Fall 2008, Winter 2009, or Spring 2009 or possibly Spring 2008 if they were fast track in Spring 2008)

Starting Course	Reg. Students Succeeded (group one)	FT Students Succeeded (group two)	Next Level Course	Subsequent Enrollment from group one	Success	Subsequent Enrollment from group two	Success
ENGL030	91	17	ENGL040	56	78.6%	16	87.5%
ENGL040	210	40	ENGL100	138	82.6%	35	71.4%
MATH017	94	19	MATH020	53	52.8%	16	37.5%
MATH020	129	26	MATH029	85	63.5%	21	81.0%
MATH029	197	5	MATH130	135	60.0%	4	100.0%
READ019	90	18	READ040	56	83.9%	13	84.6%
READ040	117	68	READ099	79	84.8%	51	82.4%
READ099	283	42	READ120	0	0.0%	0	0.0%

Spring 2008 Observation: The success rates in the subsequent class for students who were in Spring 2008 Fast Track ENGL030, MATH020, MATH029, and READ019 are higher than those who took those regular classes in Fall 2007. However, for other courses, the success rates in subsequent classes for regular classes are higher than fast track.