

De Anza College Office of Institutional Research and Planning

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Date: 8/29/2017

Subject: FAST Program Analysis, 2015-16 and 2016-17 Academic Years

This report provides information on participants of the Football Academic Success Team (FAST) program from fall 2015 until spring 2017. Comparisons were made between students who participated in the program during 2015-16 and students who participated in 2016-17. Comparisons were also made between program participants, football athletes who did not participate in FAST, all other De Anza athletes, and the rest of the student population who were registered during the same academic periods. Participants of the FAST program included 64 football athletes, 31 of whom participated in 2015-16 and 36 participated in 2016-17. Only three students participated in the program during both academic years. This analysis includes demographic information, success rates, cumulative and average GPA, placement into basic skills, and academic outcomes.

Key Findings

Gender and Ethnicity: 100% of FAST participants were male. African American students were the majority of program participants with 39% participating in 2015-16 and 33% participating in 2016-17.

Low Income Status: 38% of FAST participants and 38% of non-FAST football athletes identified as low income compared to 23% of other non-football athletes who identified as low income.

Educational Goal: 100% of FAST students indicated their educational goal was to transfer to a 4 year institution. Transfer was also the goal for 97% of non-FAST football athletes, 97% of non-football athletes, and 71% for all other students.

Special Student Groups: 11% of FAST participants are enrolled in one or more special programs such as CalWORKs, DSPS, EOPS, foster youth, or the veterans program. 12% of all other students were enrolled in one or more special programs (CalWORKs, DSPS, EOPS, Foster Youth, or Veterans).

Basic Skills Placement: FAST participants have higher rates of placement into basic skills courses than other student groups. Basic skills placement for FAST participants was 53% into basic skills EWRT courses, 48% into basic skills READ courses, and 66% into basic skills math courses.

Cumulative GPA: The highest grade point average (GPA) for FAST participants was between 2.5 and 2.9 (31%), while the smallest group was 3.5 to 4.0 (3%).

Success Rates: Success rates for FAST participants have increased between the fall and spring quarters in both academic years. During the 2015-16 academic year, FAST success rates were 53%

in fall 2015 and 74% in spring 2016. During the 2016-17 academic year, FAST success rates were 59% in fall 2016 and 66% in spring 2017. Analysis by ethnicity and gender among FAST participants showed that Filipino participants had the highest success rates in 2015-16 (94%), and Latino/a participants had the highest success rates in 2016-17 (83%).

Two Term Academic Probation: In 2015-16, FAST students had a -1% point gap difference in rates of academic probation between fall 2015 and spring 2016, compared with -1% gap among non-football athletes and -1% gap among all other students. In 2016-17, FAST students had a -5% point gap difference in rates of academic probation between fall 2016 and spring 2017, compared with -1% gap among non-football athletes and -1% gap among all other students.

Demographics

Participant Count

- The number of FAST participants, athletes, and other students who were included in this analysis by year of registration:

	2015-16		2016-17	
	Students	Percent	Students	Percent
FAST Students	31	0%	36	0%
Football Athletes (Non FAST)	62	0%	60	0%
Other Athletes	330	1%	309	1%
Other Students	28,491	99%	28,051	99%
Total	28,914	100%	28,456	100%

- The unduplicated count of these same groups from 2015-16 to 2016-17:

	Students	Percent
FAST Students	64	0%
Football Athletes (Non FAST)	113	0%
Other Athletes	530	1%
All Students	41,360	98%
Total	42,067	100%

Ethnicity

- In 2015-16, FAST participants were 39% African American, 26% Pacific Islander, 23% Latino/a, 2% Filipino, and 2% White students.
- In 2016-17, FAST participants were 33% African American, 22% Pacific Islander, 22% White, 19% Latino/a, and 3% Pilipino students.
- In both academic years, non-FAST students who identified as Asian had a bigger population than other ethnicities (38% in 2015-16 and 2016-17). Rates of other ethnicities included 27% Latino/a students, 20% or 21% White students, 7% Filipino students, and 4% African American students. Other ethnicities were reported at rates less than 3%.

2015-16 Ethnicity	FAST Students		All Other Students	
	Students	Percent	Students	Percent
African American	12	39%	1,275	4%
Asian	0	0%	10,882	38%
Filipino	2	6%	1,981	7%
Latino/a	7	23%	7,699	27%
Native American	0	0%	148	1%
Pacific Islander	8	26%	211	1%
White	2	6%	5,979	21%
Decline to State	0	0%	708	2%
Total	31	100%	28,883	100%

2016-17 Ethnicity	FAST Students		All Other Students	
	Students	Percent	Students	Percent
African American	12	33%	1,241	4%
Asian	0	0%	10,929	38%
Filipino	1	3%	1,958	7%
Latino/a	7	19%	7,775	27%
Native American	0	0%	151	1%
Pacific Islander	8	22%	215	1%
White	8	22%	5,721	20%
Decline to State	0	0%	430	2%
Total	36	100%	28,420	100%

Low Income Status

- 38% of FAST students and 38% of non-FAST football athletes identified as low income¹, while 23% of non-football athletes and 29% of non-athlete students identified as low income.

Low Income Rates	FAST Students		Football Athletes (Non FAST)		Other Athletes		All Other Students	
	Students	Percent	Students	Percent	Students	Percent	Students	Percent
Low Income	24	38%	43	38%	124	23%	12,043	29%
Not Low Income	40	63%	70	62%	406	77%	29,317	71%
Total	64	100%	113	100%	530	100%	41,360	100%

¹ Low-income status includes students with a family income of \$25,000 or less which is considered to be below the federal poverty rate for a family of four.

Enrollment Characteristics

Educational Goal

- 100% of FAST students indicated their educational goal was to transfer to a 4-year institution. Transfer was also the goal for 97% of non-FAST football athletes, 97% of non-football athletes, and 71% for all other students.
- Other educational goals were cited at rates less than 7% among all groups.

Educational Goal	FAST Students		Football Athletes (Non FAST)		Other Athletes		All Other Students	
	Students	Percent	Students	Percent	Students	Percent	Students	Percent
Degree	0	0%	1	1%	10	2%	2,992	7%
Certificate	0	0%	1	1%	1	0%	1,245	3%
Transfer	64	100%	110	97%	514	97%	30,829	75%
All Other	0	0%	1	1%	5	1%	6,294	15%
Total	64	100%	113	100%	530	100%	41,360	100%

Special Student Groups

- 11% of FAST participants belonged to a special student program such as CalWORKs, DSPS, EOPS, foster youth, or veteran. Other De Anza students participated in special programs at a 12% rate.

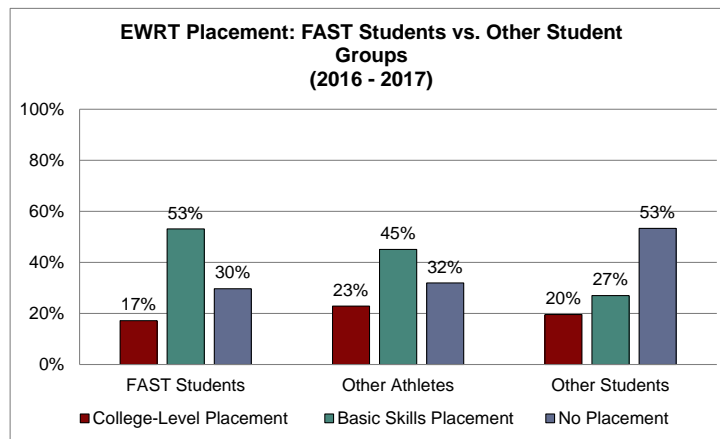
Special Programs	FAST Students	Percent	Other Students	Percent
Yes	7	11%	4,976	12%
No	57	89%	37,027	88%
Total	64	100%	42,003	100%

Basic Skills Placement

FAST participants have higher rates of placement into basic skills courses than other student groups.

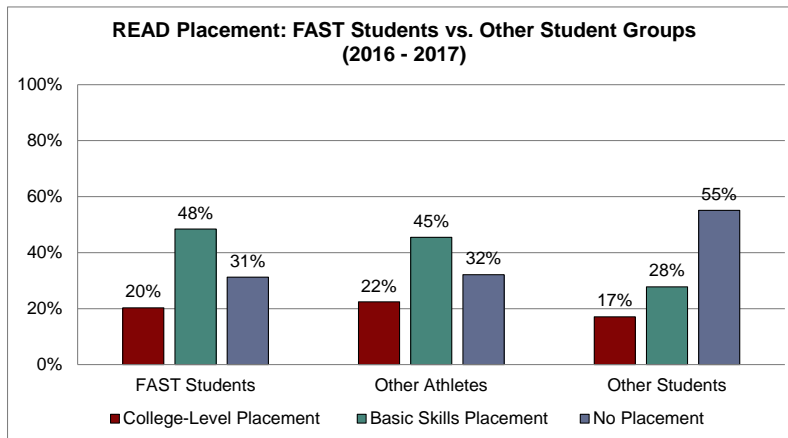
- EWRT placement: 53% of FAST participants placed into basic skills EWRT courses compared with 45% of other athletes and 27% of non-athlete students. 30% of FAST students have no EWRT placement compared with 32% of other athletes and 53% of non-athlete students.

EWRT Placement	FAST Students		Other Athletes		Other Students	
	Students	Percent	Students	Percent	Students	Percent
College-Level Placement	11	17%	148	23%	7812	20%
Basic Skills Placement	34	53%	292	45%	10800	27%
No Placement	19	30%	207	32%	21307	53%
Total	64	100%	647	100%	39919	100%



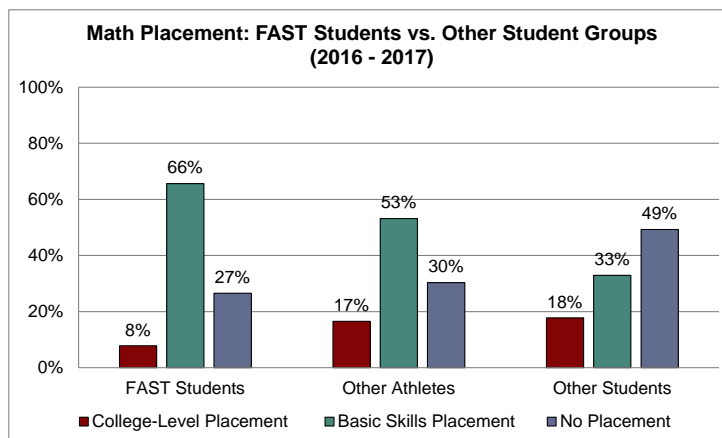
- READ placement: FAST students had similar rates of placement to other athletes. Higher rates of students were placed into basic skills courses (48% of FAST students and 45% of other athletes) than into college level courses. Non-athlete students had the highest rate of no placement (55%) compared with 31% of FAST students and 32% of other athletes.

READ Placement	FAST Students		Other Athletes		Other Students	
	Students	Percent	Students	Percent	Students	Percent
College-Level Placement	13	20%	145	22%	6825	17%
Basic Skills Placement	31	48%	294	45%	11096	28%
No Placement	20	31%	208	32%	21998	55%
Total	64	100%	647	100%	39919	100%



- Math placement: 66% of FAST participants placed into basic skills math courses compared with 53% of other athletes and 33% of all other students. No math placement scores were found for 27% of FAST participants, for 30% of non-FAST athletes, and 49% of all other students.

Math Placement	FAST Students		Other Athletes		Other Students	
	Students	Percent	Students	Percent	Students	Percent
College-Level Placement	5	8%	107	17%	7101	18%
Basic Skills Placement	42	66%	344	53%	13143	33%
No Placement	17	27%	196	30%	19675	49%
Total	64	100%	647	100%	39919	100%



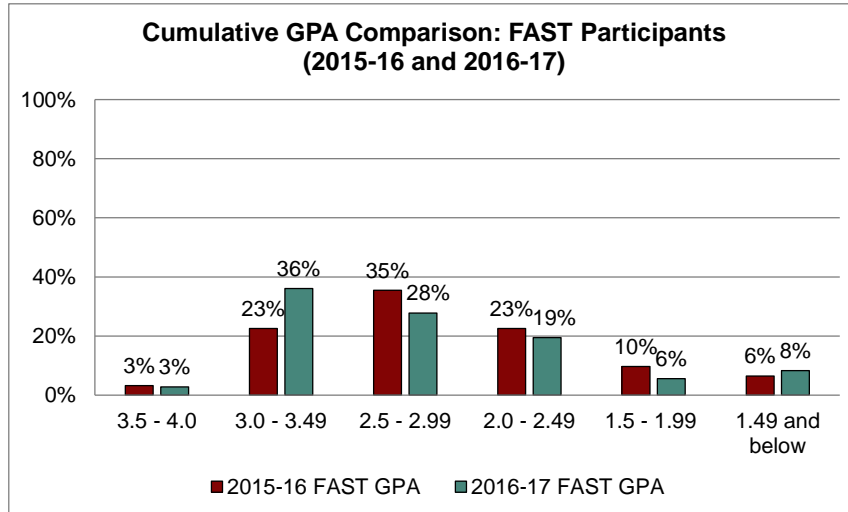
Academic Outcomes

Cumulative GPA

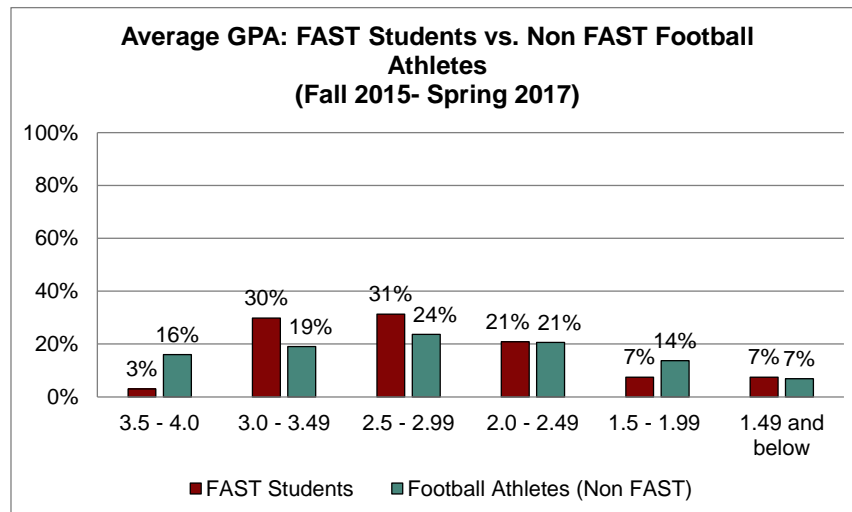
The cumulative GPA in 2015-16 and in 2016-17 was calculated for all groups. An average GPA of both academic years was used to compare FAST students and other groups. 3% of FAST participants had a GPA between 3.5 and 4.0 in both academic years, which is the lowest rate for these GPA scores compared with other groups.

		2015-16		2016-17		Average GPA	
		Students	Percent	Students	Percent	Students	Percent
FAST Students	3.5 - 4.0	1	3%	1	3%	1.0	3%
	3.0 - 3.49	7	23%	13	36%	10.0	30%
	2.5 - 2.99	11	35%	10	28%	10.5	31%
	2.0 - 2.49	7	23%	7	19%	7.0	21%
	1.5 - 1.99	3	10%	2	6%	2.5	7%
	1.49 and below	2	6%	3	8%	2.5	7%
	Total	31	100%	36	100%	33.5	100%
Football Athletes (Non FAST)	3.5 - 4.0	9	13%	12	19%	10.5	16%
	3.0 - 3.49	16	24%	9	14%	12.5	19%
	2.5 - 2.99	17	25%	14	22%	15.5	24%
	2.0 - 2.49	12	18%	15	24%	13.5	21%
	1.5 - 1.99	9	13%	9	14%	9.0	14%
	1.49 and below	5	7%	4	6%	4.5	7%
	Total	68	100%	63	100%	65.5	100%
All Other Athletes	3.5 - 4.0	67	20%	74	24%	70.5	22%
	3.0 - 3.49	90	27%	88	28%	89.0	28%
	2.5 - 2.99	94	28%	83	27%	88.5	28%
	2.0 - 2.49	45	14%	44	14%	44.5	14%
	1.5 - 1.99	23	7%	13	4%	18.0	6%
	1.49 and below	11	3%	9	3%	10.0	3%
	Total	330	100%	311	100%	320.5	100%
All Other Students	3.5 - 4.0	9,752	30%	10,169	32%	9,960.5	31%
	3.0 - 3.49	7,238	22%	6,712	21%	6,975.0	22%
	2.5 - 2.99	5,746	18%	5,282	17%	5,514.0	17%
	2.0 - 2.49	3,942	12%	3,829	12%	3,885.5	12%
	1.5 - 1.99	1,881	6%	1,773	6%	1,827.0	6%
	1.49 and below	3,967	12%	4,116	13%	4,041.5	13%
	Total	32,526	100%	31,881	100%	32,203.5	100%

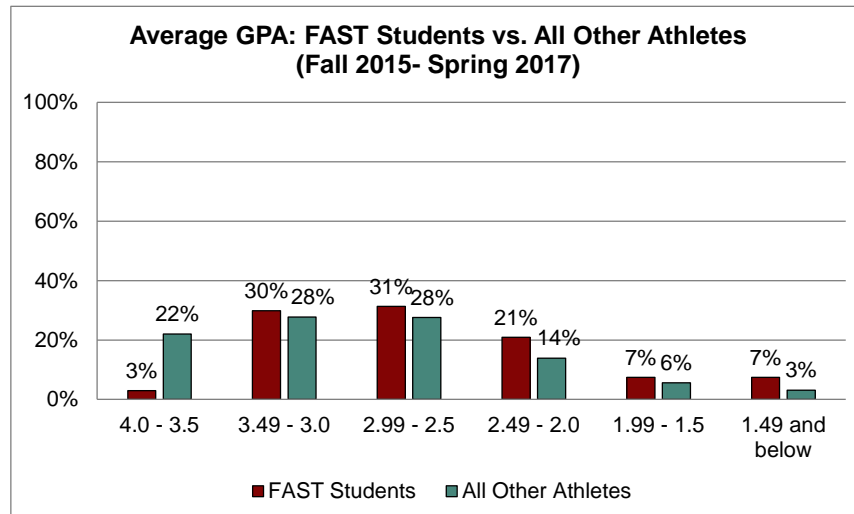
- Cumulative GPA comparisons between FAST participants enrolled in 2015-16 and participants in 2016-17 show that more FAST students had GPA scores between 3.0 and 3.49 (36%) in 2016-17. Participants in 2015-16 had GPAs between 2.5 and 2.99 (35%), and between 1.5 and 2.49 (33%).



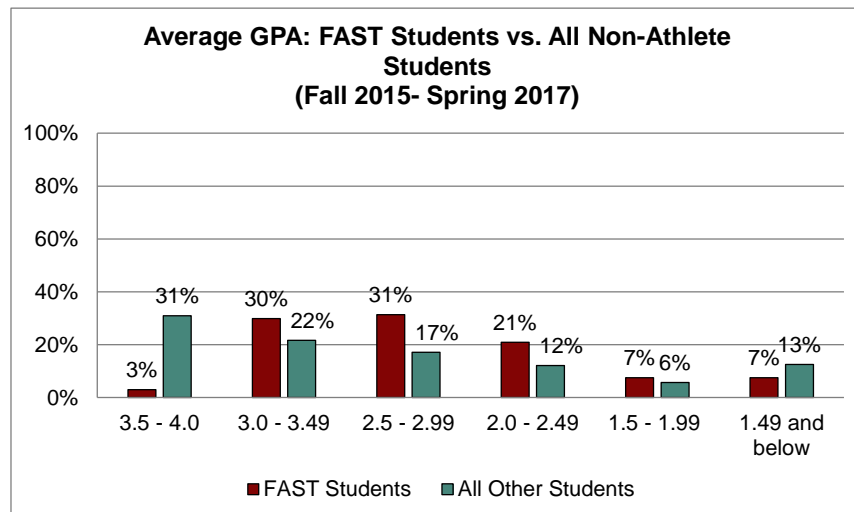
- Average GPA comparisons between FAST participants and non-FAST football athletes show FAST participants with higher rates between 3.0 and 3.49 (30%) and between 2.5 and 2.99 (31%). FAST participants had lower rates of scores between 3.0 and 4.0 (3%) and between 1.5 and 1.99 (7%).



- FAST students had GPAs that were similar to non-football athletes, except in the GPA score group between 3.5 and 4.0 where non-football athletes had a rate of 22% compared with 3% of FAST participants' scores.



- FAST participants exhibited higher GPAs than non-athlete students between 3.0 and 3.49 (30%), 2.5 and 2.99 (31%), and between 2.0 and 2.49 (21%). More non-athlete students had a GPA between 3.5 and 4.0 (31%) than FAST students (3%).

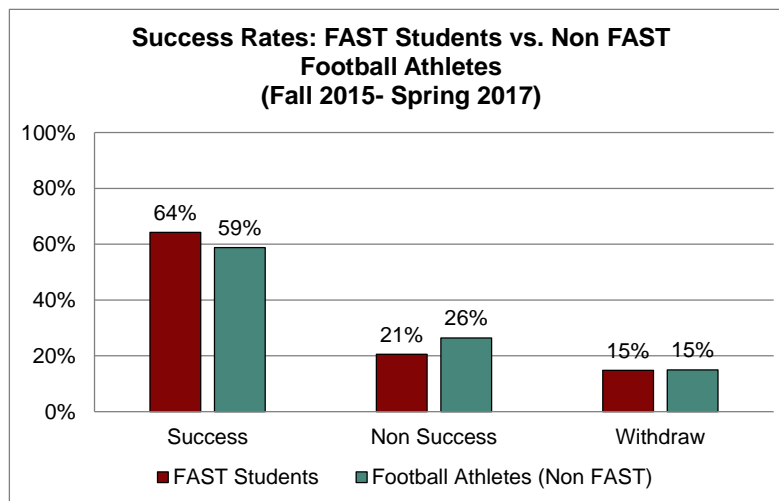


Success Rates

The success rates analysis between FAST students and other student groups excludes final grades from intercollegiate and technique PE courses². Success includes A, B, C, and P grades, Non-success includes D, F, and I grades and Withdraw are W grades.

- FAST participants vs. non-FAST football athletes: On average, FAST students exhibited a success rate of 64% compared to 59% for non-FAST football athletes. Both groups exhibited a 15% withdraw rate.

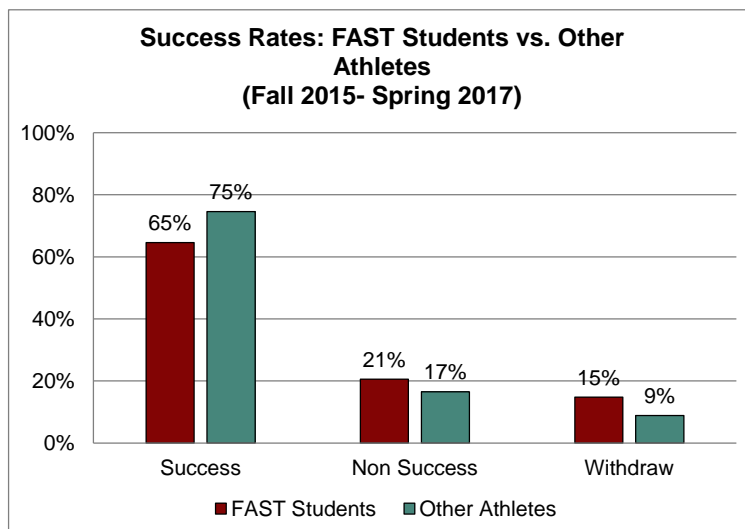
		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Fall 2015	FAST Students	50	53%	30	32%	14	15%	94	100%
	Football Athletes (Non FAST)	111	62%	45	25%	23	13%	179	100%
Winter 2016	FAST Students	56	61%	17	18%	16	17%	92	100%
	Football Athletes (Non FAST)	83	57%	35	24%	28	19%	146	100%
Spring 2016	FAST Students	53	74%	7	10%	12	17%	72	100%
	Football Athletes (Non FAST)	76	61%	30	24%	18	15%	124	100%
Fall 2016	FAST Students	57	59%	23	24%	17	18%	97	100%
	Football Athletes (Non FAST)	76	47%	55	34%	30	19%	161	100%
Winter 2017	FAST Students	73	73%	18	18%	9	9%	100	100%
	Football Athletes (Non FAST)	59	66%	22	24%	9	10%	90	100%
Spring 2017	FAST Students	61	66%	17	18%	15	16%	93	100%
	Football Athletes (Non FAST)	49	68%	17	24%	6	8%	72	100%
Average	FAST Students	58	64%	19	21%	14	15%	91	100%
	Football Athletes (Non FAST)	76	59%	34	26%	19	15%	129	100%



² Courses that were excluded from success rate analysis are PE 32B, PE 32F, PE 32G, PE 32HX/PE 32H, PE 32IX/PE 32I, PE 32JX/ PE32J, PE 32K, PE 32LX/PE 32L, PE 32MX/PE 32M, PE 32P, PE 32SX/PE 32S, PE 38WX/PE 38WY/PE 38W, PE 39MX/PE 39MY/ PE 39M, PE 39WX/PE 39WY/PE 39W, PE 40X/PE 40Y/ PE 40, PE 41X/PE 41Y/PE 41, PE 42WX/PE 42WY/PE 42W, PE 43X/PE 43Y/PE 43, PE 44MX/PE 44MY/PE 44M, PE 44WX/PE 44WY/PE 44W, PE 45X/PE 45Y/PE 45, PE 46X/PE 46Y/PE 46, PE 47MX/PE 47MY/PE 47M, PE 47WX/PE 47WY/PE 47W, PE 48MX/PE 48MY/PE 48M, and PE 48WX/PE 48WY/PE 48W.

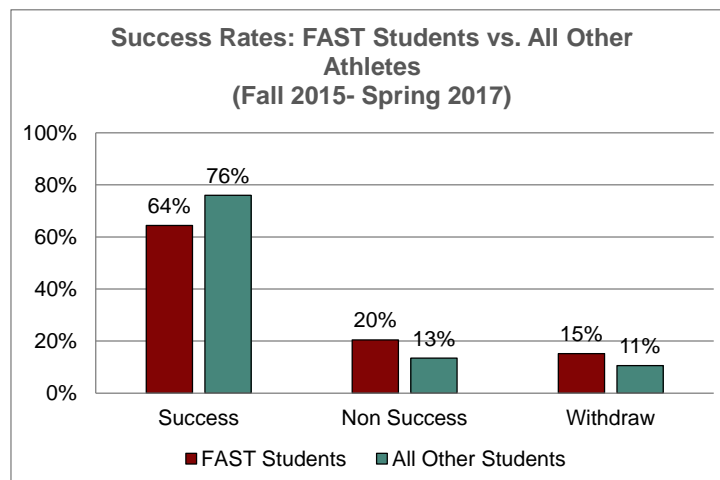
- FAST participants vs. non-football athletes: Average success rates were 64% for FAST students and 75% for non-football athletes, non-success rates were 20% for FAST students and 17% for non-football athletes, and withdraw rates were 15% for FAST students and 9% for non-football athletes.

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Fall 2015	FAST Students	50	53%	30	32%	14	15%	94	100%
	Other Athletes	914	76%	201	17%	83	7%	1,198	100%
Winter 2016	FAST Students	59	64%	17	18%	16	17%	92	100%
	Other Athletes	843	74%	189	17%	105	9%	1,137	100%
Spring 2016	FAST Students	53	74%	7	10%	12	17%	72	100%
	Other Athletes	760	71%	198	18%	118	11%	1,076	100%
Fall 2016	FAST Students	57	59%	23	24%	17	18%	97	100%
	Other Athletes	830	75%	189	17%	92	8%	1,111	100%
Winter 2017	FAST Students	73	73%	18	18%	9	9%	100	100%
	Other Athletes	793	76%	167	16%	90	9%	1,050	100%
Spring 2017	FAST Students	61	66%	17	18%	15	16%	93	100%
	Other Athletes	705	76%	132	14%	89	10%	926	100%
Average	FAST Students	59	64%	19	20%	14	15%	91	100%
	Other Athletes	808	75%	179	17%	96	9%	1,083	100%



- FAST participants vs. non-athlete students: Average success rates were 64% for FAST students and 76% for non-athlete students, non-success rates were 20% for FAST students and 13% for non-athlete students, and withdraw rates were 15% for FAST students and 11% for non-athlete students.

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Fall 2015	FAST Students	50	53%	30	32%	14	15%	94	100%
	Other Students	47,346	75%	9,024	14%	6,439	10%	62,809	100%
Winter 2016	FAST Students	59	64%	17	18%	16	17%	92	100%
	Other Students	41,737	72%	7,913	14%	5,660	10%	58,187	100%
Spring 2016	FAST Students	53	74%	7	10%	12	17%	72	100%
	Other Students	41,737	77%	6,961	13%	5,760	11%	54,458	100%
Fall 2016	FAST Students	57	59%	23	24%	17	18%	97	100%
	Other Students	41,853	75%	7,621	14%	6,040	11%	55,514	100%
Winter 2017	FAST Students	73	73%	18	18%	9	9%	100	100%
	Other Students	40,011	77%	6,555	13%	5,535	11%	52,101	100%
Spring 2017	FAST Students	61	66%	17	18%	15	16%	93	100%
	Other Students	37,117	77%	6,141	13%	5,252	11%	48,510	100%
Average	FAST Students	59	64%	19	20%	14	15%	91	100%
	Other Students	41,634	76%	7,369	13%	5,781	11%	54,784	100%



- Success rates by ethnicity and gender:
 - 2015-16: Filipino students who participated in the FAST program had the highest success rate (94%) of all other ethnic groups, compared with a 72% success rate among other De Anza students of the same ethnicity and gender. Pacific Islander students who participated in the FAST program had the highest rate of non-success (42%) compared with a 21% non-success rate among all other students of the same ethnicity and gender.

2015-16	Success				Non Success				Withdraw				Total			
	FAST Grades	Percent	Male Students	Percent	FAST Grades	Percent	Male Students	Percent	FAST Grades	Percent	Male Students	Percent	FAST Grades	Percent	Male Students	Percent
African American	62	64%	2,245	64%	18	19%	768	22%	17	18%	496	14%	97	38%	3,509	4%
Asian	0	0%	29,312	78%	0	0%	4,669	12%	0	0%	3,483	9%	0	0%	37,464	42%
Filipino	15	94%	4,443	72%	0	0%	973	16%	1	6%	762	12%	16	6%	6,178	7%
Latino/a	37	69%	13,026	66%	5	9%	4,085	21%	12	22%	2,550	13%	54	21%	19,661	22%
Native American	0	0%	197	63%	0	0%	58	19%	0	0%	56	18%	0	0%	311	0%
Pacific Islander	32	48%	376	66%	28	42%	119	21%	7	10%	72	13%	67	26%	567	1%
White	16	67%	12,079	76%	3	13%	2,038	13%	5	21%	1,733	11%	24	9%	15,850	18%
Decline to State	0	0%	4,371	75%	0	0%	845	15%	0	0%	587	10%	0	0%	5,803	6%
Total	162	63%	66,049	74%	54	21%	13,555	15%	42	16%	9,739	11%	258	100%	89,343	100%

- 2016-17: Latino/a students who participated in the FAST program had the highest success rate (83%) of all other ethnic groups, compared with a 66% success rate among other De Anza students of the same ethnicity and gender. The highest rates of non-success among FAST participants were among Filipino (100%), Pacific Islander (26%), and African American students (25%). Non-Success rates for other De Anza students of the same ethnicity and gender were 15% for Filipino students, 19% for Pacific Islander students, and 20% for African American students.

2016-17	Success				Non Success				Withdraw				Total			
	FAST Grades	Percent	Male Students	Percent	FAST Grades	Percent	Male Students	Percent	FAST Grades	Percent	Male Students	Percent	FAST Grades	Percent	Male Students	Percent
African American	58	59%	2,036	64%	25	25%	652	20%	16	16%	508	16%	99	34%	3,196	4%
Asian	0	0%	27,501	78%	0	0%	4,303	12%	0	0%	3,527	10%	0	0%	35,331	44%
Filipino	0	0%	4,372	73%	2	100%	917	15%	0	0%	664	11%	2	1%	5,953	7%
Latino/a	49	83%	12,335	66%	4	7%	3,690	20%	6	10%	2,720	15%	59	20%	18,745	24%
Native American	0	0%	217	70%	0	0%	62	20%	0	0%	30	10%	0	0%	309	0%
Pacific Islander	32	52%	352	65%	16	26%	103	19%	14	23%	88	16%	62	21%	543	1%
White	52	76%	10,693	76%	11	16%	1,770	13%	5	7%	1,576	11%	68	23%	14,039	18%
Decline to State	0	0%	1,183	82%	0	0%	155	11%	0	0%	99	7%	0	0%	1,437	2%
Total	191	66%	58,689	74%	58	20%	11,652	15%	41	14%	9,212	12%	290	100%	79,553	100%

Two-Term Academic Probation

The rates of academic probation were compared among all groups between the first term of participation in the FAST program (fall) and the last term of participation (spring) in 2015-16 and in 2016-17.

- In both 2015-16 and 2016-17, the rates of students on academic probation decreased between fall and spring among all groups except among non-FAST football athletes. This group saw a +6% point gap in 2015-16 and a +8% point gap in 2016-17.
- In 2015-16, FAST students had a -1% point gap difference in rates of academic probation compared with -1% gap among non-football athletes and -1% gap among all other students.
- In 2016-17, FAST students had a -5% point gap difference in rates of academic probation compared with -1% gap among non-football athletes and -1% gap among all other students.

2015-16 Academic Probation Rates	First Term of Participation			Last Term of Participation			Difference (%Last Term - %First Term)
	On Probation	Group N	Percent	On Probation	Group N	Percent	
FAST Students	3	31	10%	2	22	9%	-1%
Football Athletes (Non FAST)	7	63	11%	7	40	18%	6%
Other Athletes	26	312	8%	23	295	8%	-1%
All Students	3,506	22,338	16%	2,848	19,287	15%	-1%

2016-17 Academic Probation Rates	First Term of Participation			Last Term of Participation			Difference (%Last Term - %First Term)
	On Probation	Group N	Percent	On Probation	Group N	Percent	
FAST Students	6	36	19%	4	28	14%	-5%
Football Athletes (Non FAST)	7	59	11%	5	26	19%	8%
Other Athletes	23	304	7%	18	274	7%	-1%
All Students	2,974	21,512	13%	2,310	18,681	12%	-1%