

Trends in Gaps in Course Success between Minority and White Students by Program

Academic Plan		Success Gap between Minority and White					Minority Grades					Minority Success				
		AY1617	AY1718	AY1819	AY1920	F20	AY1617	AY1718	AY1819	AY1920	F20	AY1617	AY1718	AY1819	AY1920	F20
Grand Total		-7%	-8%	-6%	-5%	-7%	5,623	5,747	5,646	5,902	2,992	70%	68%	70%	75%	69%
AA&S	Total	-7%	-9%	-9%	-7%	-8%	2,936	2,933	2,796	2,915	1,476	69%	66%	67%	72%	67%
	Business Administration	1%	-13%	2%	-4%	-5%	664	604	463	546	278	77%	63%	73%	72%	71%
	Education	-4%	-8%	-9%	-7%	-2%	173	242	144	130	96	72%	69%	68%	72%	74%
	Gen Studies: Admin of Justice	-20%	-6%	-8%	-6%	-3%	206	266	233	239	92	59%	66%	62%	69%	70%
	Gen Studies: Human Services	10%	9%	-7%	-13%	-13%	185	158	155	138	62	65%	75%	68%	67%	65%
	General Studies	-9%	-12%	-12%	-6%	-9%	1,458	1,406	1,518	1,645	840	66%	64%	65%	74%	66%
	General Studies: Rec/Otdr Lead	-3%	-4%	-9%	-11%	-27%	13	11	6	10	4	69%	55%	83%	70%	50%
	Lib Arts: Communication	-1%	4%	-18%	11%	-27%	50	35	22	20	10	74%	74%	55%	80%	50%
	Lib Arts: Phil & Rel	na	na	na	na	na										
	Liberal Arts	-15%	-8%	-13%	-13%	-20%	128	147	187	147	68	68%	73%	66%	71%	68%
	Liberal Arts: Fine Arts	-13%	18%	-5%	-31%	-7%	59	64	68	40	26	69%	89%	82%	50%	73%
AAS	Total	-10%	-8%	-6%	-5%	-4%	648	746	819	989	501	71%	72%	76%	80%	80%
	Accounting	-4%	0%	-3%	0%	-17%	59	36	49	48	12	81%	78%	82%	81%	67%
	Administrative Support Tech	2%	-14%	16%	na	na	6	17	2			83%	53%	100%		
	AST: Virtual Assistant	-12%	na	na	na	na	11					55%				
	CyberSecurity	-7%	-4%	5%	-5%	-11%	105	155	133	154	94	60%	68%	76%	73%	62%
	Early Childhood Development	4%	-13%	-21%	-1%	2%	49	45	110	123	42	80%	69%	61%	76%	86%
	Emergency Medical Services	1%	5%	-75%	-1%	-42%	9	18	4	25	14	100%	94%	0%	96%	57%
	Gen Eng:Comp-Aided Drafting	-17%	-1%	10%	18%	-30%	3	18	13	27	10	67%	78%	92%	85%	40%
	Genl Engr Tech: Civil Eng Tech	3%	-36%	-42%	6%	-7%	4	7	6	5	8	75%	43%	33%	80%	75%
	Genl Engr Tech: Technical Oper	na	na	-65%	na	na			1					0%		
	Genl Engr Tech/Mech Engr	-42%	12%	-3%	-1%	27%	24	15	33	37	8	33%	87%	85%	76%	100%
	GET: Indust Elect and Controls	-23%	-7%	6%	-5%	na	25	17	20	12		64%	53%	70%	75%	
	Health Information Management	-3%	-1%	9%	0%	-13%	26	42	41	68	34	73%	86%	88%	84%	62%
	Information Systems Technology	-20%	-14%	-15%	-4%	14%	125	108	116	138	53	58%	62%	62%	70%	79%
	Management	-4%	-10%	0%	-19%	21%	75	108	104	92	40	77%	69%	79%	64%	88%
	Management: Marketing	na	na	na	na	na										
	Medical Laboratory Technology	na	na	0%	2%	7%			2	17	6			100%	88%	100%
	Nursing	1%	-3%	-4%	-1%	-1%	90	113	152	219	140	96%	94%	93%	97%	96%
	Paralegal Studies	-8%	-31%	-23%	-18%	-19%	37	47	33	24	24	73%	51%	67%	63%	67%
Surgical Technology	na	na	na	na	0%					16					100%	

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AS	Total	-4%	-8%	-2%	-1%	-6%	1,335	1,784	1,823	1,832	939	73%	69%	70%	74%	65%
	Science	0%	-7%	1%	6%	0%	387	432	387	321	179	80%	69%	72%	80%	69%
	Science: Agriculture Science	49%	-5%	8%	21%	-21%	21	19	9	33	4	100%	68%	78%	73%	50%
	Science: Computatnal & Data Sc	na	na	na	na	na										
	Science: Computer Science	-11%	-9%	4%	-2%	-8%	116	134	153	154	85	61%	62%	72%	77%	67%
	Science: Cybersecurity Engrng	na	na	na	na	na										
	Science: Engineering	-2%	-21%	-11%	-11%	-36%	139	179	186	176	50	81%	63%	72%	76%	40%
	Science: Forensic Science	-28%	-5%	-35%	-6%	-18%	18	32	57	66	46	50%	69%	40%	65%	57%
Science: Health Professions	-6%	-7%	-1%	-1%	-4%	654	988	1,031	1,082	575	70%	71%	70%	73%	66%	
CERT	Total	-10%	4%	7%	2%	9%	498	162	143	94	44	67%	86%	89%	91%	84%
	Administration of Justice	-2%	27%	36%	25%	na	22	10	2	2		45%	80%	100%	100%	
	General Education	-28%	15%	19%	-3%	na	3	17	12	16		67%	100%	100%	94%	
	Health Science	8%	-8%	0%	na	na	76	7	4			76%	86%	100%		
	Health Science - Cent Serv Tec	na	na	na	na	na										
	Health Science - Dental Hyg	4%	11%	-61%	2%	na	62	34	9	3		79%	94%	33%	100%	
	Health Science - EMS	-24%	na	na	na	na	14					43%				
	Health Science - EMT CSCs	na	na	na	na	na										
	Health Science - HIM	-71%	na	na	na	na	3					0%				
	Health Science - Med Tech Lab	na	na	na	100%	na				2					100%	
	Health Science - Nursing	-14%	-11%	16%	-7%	12%	222	44	25	17	16	63%	70%	96%	76%	81%
	Health Science - Paramedic	na	na	na	na	na										
	Health Science - Phlebotomy	5%	na	0%	na	na	6		2			67%		100%		
	Health Science - Practical Nur	-3%	na	na	na	na	19					63%				
	Health Science - Surgical Tech	17%	29%	-13%	6%	0%	16	11	8	9	3	81%	100%	88%	89%	100%
	Health Science-Funeral Service	-17%	12%	0%	na	na	3	6	3			33%	100%	100%		
	Legal Administration	13%	na	-50%	na	25%	3		6		3	100%		50%		100%
	Med Admin Asst/Trnscrptn/Scrbe	-23%	na	na	0%	na	8			1		63%			100%	
	Medical Billing/Coding	-20%	-83%	-10%	5%	9%	17	2	7	6	10	65%	0%	57%	83%	70%
	Office Systems Assistant	na	na	na	na	na										
Practical Nursing	-17%	-3%	-3%	1%	11%	12	15	30	8	12	75%	87%	97%	100%	92%	
Surgical Technology	-18%	-1%	-1%	1%	na	12	16	35	30		75%	94%	97%	97%		

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CSC	Total	-12%	-3%	-2%	0%	1%	206	122	65	72	32	63%	75%	80%	74%	81%
	Administration of Justice	na	na	25%	na	na			4					25%		
	Advanced EMT (AEMT)	na	na	na	na	na										
	American Sign Language	15%	11%	-46%	13%	0%	1	3	2	1	2	100%	100%	50%	100%	100%
	Central Services Technology	na	na	na	na	na										
	Computer Science	na	33%	na	na	-32%		1			2		100%			50%
	Cybersecurity Specialist	-12%	25%	27%	-11%	na	35	13	5	9		60%	100%	100%	89%	
	Database Admin Specialist	na	na	na	na	na										
	Drafting	na	na	na	100%	100%				2	2				100%	100%
	Early Childhood Development	-15%	-1%	-5%	-28%	-7%	28	18	14	7	3	50%	89%	79%	43%	33%
	Electrical Control Tech Inter	na	na	na	na	na										
	EMT-Intermediate	8%	-75%	na	na	na	16	5				94%	20%			
	Entrepreneurship	na	na	na	33%	na				3					33%	
	Fine Arts	na	na	na	na	na										
	General Business	-43%	-19%	17%	14%	0%	24	12	8	1	4	38%	58%	100%	100%	100%
	Heating, Ventilation & Air Con	-5%	5%	50%	na	na	12	7	3			75%	100%	100%		
	Hospital Facility Coding	na	na	na	na	na										
	Hospitality	na	na	na	na	na										
	Industrial Design	na	100%	100%	na	na		7	2				100%	100%		
	Industrial Maint Tech Basic	na	na	na	na	na										
	Industrial Maint Tech Intermed	na	na	na	na	na										
	Information Process Technician	na	na	na	na	na										
	Information Tech Foundations	-31%	na	na	-33%	na	13			6		69%			67%	
	Medical Office Assistant	na	100%	na	0%	11%		3		2	2		100%		100%	100%
	Nature and Outdoor Photography	-8%	0%	0%	na	na	3	1	4			67%	100%	100%		
	Networking Specialist	0%	100%	na	-33%	na	1	2		3		100%	100%		67%	
	Paramedic	na	100%	na	na	na		5					100%			
	Patient Care Technician	na	na	na	na	na										
	Personal Trng & Grp Exer Ldshp	-48%	10%	25%	78%	17%	14	10	7	4	6	21%	60%	100%	100%	83%
	Phlebotomy	0%	-50%	13%	17%	100%	3	10	1	6	3	100%	20%	100%	83%	100%
	Practical Electrical Tech	13%	-32%	0%	11%	50%	22	13	1	5	1	95%	46%	100%	100%	100%
	Pre-Allied Health	0%	8%	na	-20%	na	10	5		5		100%	100%		80%	
	Recreation/Outdoor Leadership	na	na	na	na	na										
Small Business Management	-66%	-64%	-1%	6%	na	8	1	5	4		0%	0%	60%	75%		
Software Development	17%	na	-40%	na	-17%	6		4		3	67%		0%		33%	
Supervision	0%	11%	5%	-8%	17%	2	6	5	12	4	100%	100%	100%	58%	100%	
Web Design and Application Dev	8%	na	na	-20%	na	8			2		75%			50%		

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IE:JM

File: Trends in Gaps in Course Success between Minority and White Students by Program - 021621.xlsx

Source: AREC student data demographics and RADS grade data. Success = A/B/C/S/P grades.

Note: Excludes students with unknown minority status and missing grades. Program plan is as of grade date. Includes all courses taken by students with each plan.