

Student Success Report 2018-2019

Enrollment

GSCC reports enrollment by term to the Alabama Community College System utilizing the Data Access Exchange (DAX). College enrollment is tracked by term and by campus.

Benchmarks: 2% increase in College enrollment per year (overall)

Enrollment Target: 6,000 unduplicated fall headcount per year

Table 1: Three Year Unduplicated Enrollment

	2016-2017	2017-2018	2018-2019	Percent Change (last two years)
Gadsden State Overall				
Academic Programs				
Accounting Technology	82	81	75	-7.4%
Child Development	202	125	107	-14.4%
Computer Science Technology	153	224	206	-8.0%
General Studies	3019	3060	2972	-2.9%
Health Information Technology Management	5	35	17	-51.4%
Human Services	88	82	62	-24.4%
Liberal Arts	794	483	278	-42.4%
Marketing Management	67	81	58	-28.4%
Office Administration	272	288	257	-10.8%
Paralegal	69	60	75	25.0%
Health Sciences				
Diagnostic Medical Sonography			35	---
Emergency Medical Services	165	147	143	-2.7%
Medical Laboratory Technology	34	43	28	-34.9%
Practical Nursing	96	2*	1*	-50.0%
Registered Nursing	323	404	440	8.9%
Radiologic Technology	45	38	33	-13.2%
Surgical/Operating Room Technician	72	83	66	-20.5%
Therapeutic Massage	20	14	9	-35.7%
Technical Programs				
Air Conditioning & Refrigeration	126	129	123	-4.7%
Auto Collision Repair Technology	47	52	52	0.00%
Automotive Manufacturing Technology	26	16	13	-18.8%
Automotive Service Technology	37	30	24	-20.0%
Carpentry	24	15	28	86.7%
Civil Engineering/Mechanical Design Tech.	98	89	85	-4.5%
Cosmetology/Salon and Spa Management	138	131	150	14.5%
Diesel Technology	44	44	45	2.3%
Drafting and Design Technology	54	54	45	-16.7%
Electrical/ Industrial Automation Technology	281	287	284	-1.0%
Electronic Engineering Technology	153	159	154	-3.1%
Precision Machining	98	111	123	10.8%
Realtime Reporting	32	31	35	12.9%
Welding Technology	203	197	199	1.0%

**The drastic change in Practical Nursing is due to the new Concept Based Curriculum.*

Data: Each fall, the College prepares an unduplicated enrollment report for the Alabama Commission on Higher Education (ACHE). The unduplicated enrollment for the past five fall semesters is illustrated in the table below.

Table 2: Unduplicated Fall Headcount

Unduplicated Fall Headcount					
Campus	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Wallace Drive	2579	2767	2722	2774	3398
Valley Street	161	144	89	97	135
East Broad	466	487	469	449	732
St. Clair	49	47	61	46	45
Ayers	1013	965	864	743	1067
McClellan	409	389	305	233	*
Cherokee	198	220	270	291	382
Dual	118	84	178	90	*
Distance	25	8	3	13	*
Totals	5018	5111	4,961	4,736	4,599

*McClellan Center closed and dual/distance education are included in other campuses.

Performance: Fall 2019 unduplicated headcount is 4,599 – a 2.9% decrease from the previous year, which is well below the aspirational benchmark of 6,000 and the benchmark of a 2% increase in enrollment. Three campuses – Wallace Drive, Valley Street, and Cherokee – revealed increases in unduplicated headcount during this period; however, a main reason for the increase in Wallace Drive was that all distance students are included with Wallace Drive totals.

Retention Rate

Benchmark: Fall to Fall Retention (first-time, full-time) – 62%

Performance: The retention rate of first-time, full-time students was 55% for those beginning in Fall 2018 and returning in Fall 2019.

Benchmark: Fall to Fall Retention (first-time, part-time) – 49%

Performance: The retention rate of first-time, part-time students was 54% for those beginning in Fall 2018 and returning in Fall 2019.

Data: Nationally the retention rate for the public two-year college sector of first-time, full-time freshmen to persist to the following fall was 62% and for part-time, first-time freshmen was 48.9%, which was used to establish the GSCC performance benchmarks. The IPEDS fall-to-fall cohort retention rate for the past four complete academic years for GSCC is as follows:

Table 3: Cohort Fall-to-Fall Retention Rate

Student Status	2015-2016 to 2016-2017	2016-2017 to 2017-2018	2017-2018 to 2018-2019	2018-2019 to 2019-2020
Full-Time Student	57%	59%	55%	55%
Part-Time Student	43%	36%	50%	54%

Graduation Rate

Benchmark: Graduation Rate (first-time, full-time) – 20%

Performance: The graduation rate of first-time, full-time students was 21% for the Fall 2015 cohort within 150% of time to complete.

Benchmark: Transfer rate of 15%

Performance: The transfer rate of the Fall 2015 cohort was 14%.

Data: Gadsden State reports the following completion data in the annual IPEDS survey of graduation rates:

Table 4: Overall Graduation and Transfer Out Rate

First Time, Full Time Students	2012 Cohort	2013 Cohort	2014 Cohort	2015 Cohort
Overall Graduation Rate	20%	16%	20%	21%
Transfer Out Rate	11%	17%	20%	14%

Representative Graduation Rate – 200% Graduation Rate

Benchmark: Graduation Rate (first-time, full-time) at 200% - 30%

Performance: The graduation rate of first-time, full-time students was 27% for the Fall 2014 cohort within 200% of time to complete.

Data: Gadsden State reports the following completion data in the annual IPEDS survey of 200% graduation rates:

Table 5: Overall Graduation Rate

First Time, Full Time Students	2014 Cohort
Overall Graduation Rate	27%

Table 6: Graduation Rates by Race, Gender and Pell

Graduation Rates by Race, Gender and Pell (2014 Cohort)			
Race/Ethnicity	Male	Female	With Pell
American Indian or Alaska Native	93%	37%	58%
Asian	50%	25%	50%
Black or African American	52%	21%	30%
Native Hawaiian or Other Pacific Islander	0	20%	25%
Two or More Races	20%	16%	14%
White	61%	33%	38%
Unknown	100%	33%	50%

Course Success Rate

Benchmark: 60% pass rate in Developmental English (ENR 094)

Performance: The pass rate for ENR 098 was 62.69% in 2018-2019.

Benchmark: 60% pass rates in MTH 098

Performance: The pass rate for MTH 098 was 44.03 % in 2018-2019.

Benchmark: 15% or less of students will withdraw from MTH 098

Performance: The benchmark was not made. The withdrawal rate for 2018-2019 was 20.88%.

The first two institutional goals, directly address student achievement:

1. Provide educational opportunities that prepare students for successful careers in professional and career technical fields in an increasingly global environment, retrain existing employees, and promote local and state workforce development initiatives that meet employer needs.
2. Prepare students with foundational knowledge of general education core requirements, such as communications, humanities, social sciences, mathematics, natural sciences, and/or computer/technology skills, for certificate programs, associate degree programs, and successful transfer to four-year institutions.

Data: Course completion and student outcomes are systematically collected and analyzed to determine student achievement. This information is also used to provide insight into opportunities to improve student achievement. An example of using course completion rates to improve student achievement is the professional development program implemented Fall 2016. This professional development focused on providing faculty mentors to those faculty with student course completion rates lower than the departmental average. Course completion rates were considered in three types of courses: (1) developmental; (2) general education; and (3) online instruction.

Math 098 pass rates and withdrawal rates are also the focus of the college's Quality Enhancement Plan (QEP) for SACSCOC accreditation. The QEP, "Your Math GPS", focuses on achieving a 60% pass rate, a 15% or less withdrawal rate and 90% of students progressing to the next college-level math class. Professional development, embedded tutors in the MTH 098 classes, and additional tools for success like workshops have been added to achieve these benchmarks by 2023.

Table 7: Developmental Course Completion

Course	Withdrawal Rate	¹ Success Rate
2017-2018		
ENR 094	8.83%	74.59%
MTH 098	21.19%	54.76%
2018-2019		
ENR 098	8.21%	62.69%
MTH 098	20.88%	44.03%

¹Successful = earned a passing grade of A, B, C, or S

Benchmark: 85% persistence rates in General Education

Performance Communications: Humanities/Fine Arts and Social Sciences met the 85% benchmark, but Computer Science (74%), Math (83%) and Natural Sciences (83%) fell short of the 2018-2019 benchmark.

Benchmark: 70% pass rate in General Education courses

Performance: Communications, Humanities/Fine Arts, and Social Sciences met the 70% benchmark; but

Computer Science (63%), Math (66%) and Natural Sciences (69%) fell short of the 2018-2019 benchmark.

Data: The following tables provide data relative to the rate at which Gadsden State students have successfully completed general education courses during the most recent three academic years: 2016-2017, 2017-2018, 2018-2019

Instructional leadership courses, Blackboard and online course development through the Teaching Learning Center and a statewide success initiative has placed particular emphasis on improving course success rates. In addition, student success tools such as tutoring at all campuses and online tutoring have been expanded in order to increase student success.

Table 8: General Education Course Completion

General Education Core Area	Persistence %	% Successful*
2016-17		
Communications	87.9%	71.2%
Computer Science	81.8%	61.9%
Humanities	86.5%	77.4%
Fine Arts	91.1%	67.8%
Math	81.3%	64.9%
Natural Sciences	83.2%	68.2%
Social Sciences	88.2%	67.4%
2017-2018		
Communications	88.0%	71.4%
Computer Science	81.7%	63.8%
Humanities	85.1%	76.3%
Fine Arts	89.1%	69.8%
Math	80.9%	64.8%
Natural Sciences	82.6%	70.2%
Social Sciences	89.9%	72.0%
2018-2019		
Communications	74.0%	89.7%
Computer Science	81.1%	62.9%
Humanities	87.1%	78.9%
Fine Arts	91.5%	72.5%
Math	83.3%	66.3%
Natural Sciences	83.0%	69.46%
Social Sciences	90.2%	74.16%

Source: DAXREG, (Successful*= A, B or C)

Communications: SPH, ENG 101, 102; Computer Science: CIS 146; Humanities: HUM, ENG 251,253, 261,262;

Fine Arts: ART, MUS, THR; Math: MTH (100 or above); Natural Sciences: BIO, CHM, PHY, PHS, AST;

Social Sciences: HIS, PSY, SOC

The persistence rate in the above tables calculates the rate based on the number of students who withdraw. The successful course completion rate is based on the number of students with a successful grade at the end of the semester.

Course Completion - Distance Education

Benchmark: 85% persistence rates in Distance Education courses

Performance: 87% of students in 2018-2019 persisted to the end of the semester in their Distance Education courses.

Benchmark: 80% pass rate in Distance Education courses

Performance: 68% of the students in 2018-2019 in Distance Education courses passed the course.

Data: Students enrolled in distance education courses demonstrated success rates comparable to all other students. The retention rates of students enrolled in courses delivered utilizing online instruction were over 86% for reporting years 2017-2018, and 2018-2019. The following table depicts the data relative to the performance of Gadsden State students in courses delivered utilizing online instruction:

Table 9: Distance Education Student Performance*

	Student Registrations	Percent
2016-2017		
Enrolled	9473	
Persisted	8146	85.99%
Successful	6121	64.62%
2017-2018		
Enrolled	10720	
Persisted	9300	86.75%
Successful	7293	68.03%
2018-2019		
Enrolled	11560	
Persisted	10098	87.35%
Successful	7934	68.63%

**Distance education is online classes only. Hybrid and independent study are not included. Successful is A, B, C's divided by enrolled. Withdrawals are not removed from calculation of successful percentage.*

Career and Technical Education

Data from Gadsden State Community College's Report on Career and Technical Education (Perkins Report) for 2017-2018 and 2018-2019 indicate that the College fulfills its mission and institutional goals (Goal 1) with respect to providing educational opportunities that prepare students for successful careers in professional and career technical fields. The Perkins Report shows a slight decrease in the percentage of students attaining technical skills from 96.24% in 2017-2018 to 95.34% in 2018-2019, although still meeting the benchmark of 94%. The percentage of students remained enrolled or transferred to another post-secondary institution also decreased from 87.10% to 63.61%, falling below the target of 75%. Additional emphasis has been placed on stackable credentials and student retention so that students earn awards or credentials as they move through their career and not wait until they earn a degree. Student retention has received new emphasis with academic coaching, increased tutoring, and faculty advisement. The employment in field, military or apprenticeship rate rose to 76.42% from 73.16%, meeting the 73% benchmark. The work-based learning emphasis and increase in available jobs for skilled technicians contributes to this success.

Table 10: Perkins Report Data

Core Indicator	2017-2018		2018-2019	
	Actual	Targeted	Actual	Targeted
% of CTE concentrators attaining technical skills	96.24%	90%	95.34%	94%
% of CTE concentrators receiving an award, industry or professional organization recognized credential	61.09%	60%	58.82%	65%
% of CTE concentrators who remained enrolled or transferred to another post-secondary institution or 4-year college	87.10%	77%	63.61%	75%
% of CTE concentrators employed in field, military, or apprenticeship programs in the 2 nd quarter following the term in which they left post-secondary	73.16%	79%	76.42%	73%

Achievement of Program Graduates: Performance on Licensing Examinations

Benchmarks:

- *Cosmetology (Salon and Spa Management) licensure pass rates will be 80% or greater*
- *Nursing (PN and RN) licensure pass rates will be 80% or greater*
- *Emergency Medical Services licensure pass rates will be 80% or greater*
- *Massage Therapy licensure pass rates will be 90% or greater*
- *Medical Laboratory Technician licensure pass rates will be 75% or greater over a 3-year period*
- *Radiology Technologist licensure pass rate will be 75% or greater*
- *Diagnostic Medical Sonography licensure pass rate will be 60% or greater*

Performance: Gadsden State program completers in Cosmetology, PN, and Radiologic Technology passed the licensure exams at a rate exceeding their benchmarks. For the three year periods of 2016-2017, 2017-2018 and 2018-2019 all Cosmetology graduates' (including esthetics) licensure rate was 100% (Table 11); Practical Nursing was 92 % (Table 12); Radiologic Technology was 86% (Table 17); and Medical Laboratory Technology was 86% (Table 16), all exceeding their benchmarks. EMT licensure rate for the same time period was 80% (Table 14); and Paramedic licensure rate was 81% (Table 14) which is at or above the benchmark. Three year rates for Therapeutic Massage struggled at 78% (Table 15), and Registered Nursing only achieved 73% (Table 13). Diagnostic Medical Sonography exceeded the benchmark for first year past graduation licensure with an 80% pass rate.

Table 11: Cosmetology Program Licensure Performance

Program	# of Students Tested	# of Students Passing	Passing %
2016-2017	24	24	100%
2017-2018	14	14	100%
2018-2019	5	5	100%

Table 12: Practical Nursing Program Licensure Performance

Practical Nursing (NCLEX)	Number of Students	Number Passing Exam	Passing Percentage
2016-2017	61	57	93.4%
2017-2018	100	88	88%
2018-2019	76	73	96%

Table 13: Registered Nursing Program Licensure Performance

Registered Nursing (NCLEX)	Number of Students	Number Passing Exam	Passing Percentage
2016-2017	95	81	85%
2017-2018	159	105	66%
2018-2019	162	116	71.6%

Table 14: Emergency Medical Technician Licensure Performance

Program	Number of Students Taking Exam	Number of Students Passing Exam	Passing Percentage
2016-2017			
EMT	58	46	79%
Paramedic	28	16	57%
2017-2018			
EMT	52	45	87%
Paramedic	22	21	96%
2018-2019			
EMT	48	35	73%
Paramedic	17	17	100%

Table 15: Therapeutic Massage Licensure Performance

Massage Therapy	Number of Students Taking Exam	Number of Students Passing Exam	Passing Percentage
2016-2017	13	9	69.2%
2017-2018	10	8	80%
2018-2019	9	8	88%

Table 16: Medical Laboratory Technician Certification Performance

Medical Laboratory	Number of Students Taking Exam	Number of Students Passing Exam	Passing Percentage
2016-2017	10	8	80%
2017-2018	14	13	93%
2018-2019	12	10	83%

Table 17: Radiologic Technology Licensure Performance

Radiologic Technology	Number of Students Taking Exam	Number of Students Passing Exam	Passing Percentage
2016-2017	19	18	95%
2017-2018	18	15	83%
2018-2019	15	12	80%

Table 18: Diagnostic Medical Sonography Licensure Performance

Diagnostic Medical Sonography	Number of Students Taking Exam	Number of Students Passing Exam	Passing Percentage
2018-2019	15	12	80%

National Educational Examinations

Benchmark: GSCC student performance will be comparable to the national average for 2-year college students on the ETS Proficiency Profile

Performance: The following table demonstrates the GSCC performance in Math, English and Critical Thinking and the comparison to the 2019 Benchmark report for Associate degree colleges for freshmen. Gadsden State was below the benchmarks set for the academic period.

Skill Dimension	Proficiency Classification		
	Proficient	Marginal	Not Proficient
Reading, Level 1	36%	27%	37%
Reading, Level 2	15%	11%	74%
Critical Thinking	0%	5%	95%
Writing, Level 1	35%	41%	24%
Writing, Level 2	5%	22%	73%
Writing, Level 3	3%	8%	89%
Mathematics, Level 1	29%	28%	44%
Mathematics, Level 2	8%	21%	71%
Mathematics, Level 3	1%	3%	97%

Skill Dimension	Proficiency Classification		
	Gadsden State	National	Difference
Reading, Level 1			
Proficient	36%	57%	-21%
Marginal	27%	20%	7%
Not Proficient	37%	23%	14%
Reading, Level 2			
Proficient	15%	28%	-13%
Marginal	11%	19%	-8%
Not Proficient	74%	52%	22%
Critical Thinking			
Proficient	0%	2%	-2%
Marginal	5%	16%	-11%
Not Proficient	95%	81%	14%
Writing, Level 1			
Proficient	35%	51%	-16%
Marginal	41%	32%	9%
Not Proficient	24%	17%	7%
Writing, Level 2			
Proficient	5%	13%	-8%
Marginal	22%	32%	-10%
Not Proficient	73%	55%	18%
Writing, Level 3			
Proficient	3%	5%	-2%
Marginal	8%	19%	-11%
Not Proficient	89%	76%	13%
Mathematics, Level 1			
Proficient	29%	44%	-15%

Marginal	28%	29%	-1%
Not Proficient	44%	27%	17%
Mathematics, Level 2			
Proficient	8%	20%	-12%
Marginal	21%	24%	-3%
Not Proficient	71%	56%	15%
Mathematics, Level 3			
Proficient	1%	4%	-3%
Marginal	3%	11%	-8%
Not Proficient	97%	85%	12%