

# MIDLANDS TECHNICAL COLLEGE

## STUDENT ACHIEVEMENT DATA



Midlands Technical College (MTC) mission is to provide accessible, affordable, quality education that prepares a diverse student population to succeed in the job market, to transfer to four-year colleges and universities, and to achieve their professional and personal goals (MTC Mission Statement).

In conjunction with the South Carolina Commission on Higher Education (CHE), the South Carolina Technical College System (SCTCS), and MTC's internal critical success factors, the college has identified eight success criteria, including SACSCOC's Student Completion Indicator rate, to measure student achievement. These success criteria are appropriate to open admission two-year institutions and provide data to evaluate MTC's progress toward achieving its mission. A number of the success criteria are aligned with performance funding allocation formula data, SCTCS system level performance measures that determine the distribution of any new state dollars. Criteria thresholds of acceptability are established to align with MTC's internal critical success factors and measurement standards established by MTC, CHE and SCTCS. Achievement data include:

Student Achievement Criteria	Threshold
<b>Race and Gender Parity</b>	Race - range (+/- 10%) of service area population Gender - range (+/- 10%) of service area population
<b>Graduate Placement Rate</b>	80% Graduate Placement Rate - range (+/- 5%)
<b>Licensure Examination Pass Rate</b>	80% Licensure Examination Pass Rate - range (+/- 5%)
<b>Fall to Spring Persistence Rates</b>	71% Fall to Spring Persistence - range (+/-5%)
<b>Student Success Rate</b>	50% Student Success Rate - range (+/-5%)
<b>Graduate Production Rate</b>	20% Graduate Production Rate - range (+/-5%)
<b>Course Completion Percentage</b>	70% Course Completion Success rate - range (+/- 5%)
<b>Student Completion Indicator Rate</b>	National Student Clearinghouse (NSCH) 6-year student completion rate for two-year public institutions - range (+/-5%)

## Race and Gender Parity

MTC’s goal is to align enrollment with the population demographics from the three counties that make up the college’s service area. Thresholds have been established to allow students to define their race and gender individually and not an attempt to define race and gender biologically, anthropologically, or genetically. The success criteria for race is that the student body at MTC will be within ten percent parity of the race composition of the MTC service area. The success criteria for gender is that the student body at MTC will be within ten percent parity of the gender composition of the MTC service area. From 2018 to 2021, the percentage of undergraduate students by race has fallen within our established thresholds.

Table 1. Undergraduate students by race

MTC Fall Undergraduate Students by Race					
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
<b>Black or African American</b>	34.7%	33.2%	34.6%	34.5%	34.9%
<b>White</b>	45.3%	46.3%	45.8%	44.9%	42.6%
<b>Other</b>	20.0%	20.5%	19.6%	20.6%	22.5%
Source: CERS Opening Data					
MTC Service Area Population by Race					
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
<b>Black or African American</b>	34.6%	34.8%	34.9%	35.0%	35.6%
<b>White</b>	55.1%	54.6%	54.4%	53.9%	53.1%
<b>Other</b>	10.3%	10.6%	10.7%	11.1%	11.3%
Source: Economic Modeling Specialist International (EMSI)					

Table 2. Undergraduate students by gender

MTC Fall Undergraduate Students by Gender					
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
<b>Female</b>	60.3%	61.3%	63.2%	63.5%	62.7%
<b>Male</b>	39.7%	38.7%	36.8%	36.5%	37.3%
Source: CERS Opening Data					
MTC Service Area Population by Gender					
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
<b>Female</b>	51.6%	51.6	51.7%	51.7%	51.5%
<b>Male</b>	48.4%	48.4	48.3%	48.3%	48.5%
Source: Economic Modeling Specialist International (EMSI)					

## Graduate Placement Rates

Graduate placement rates reflect the success of the institute’s graduates (all degree, diploma, and certificate) annually with respect to employment or continuing their education. As part of the annual South Carolina Technical College System (SCTCS) Performance Funding Indicators, SCTCS has calculated graduate placement rates for all South Carolina Technical Colleges and established a system-wide target goal. MTC’s goal is to align its graduate placement rates with the SCTCS Performance Funding Indicator target of 80%. Over the past five years, MTC has successfully met or exceeded the +/-5% success criteria threshold.

Table 3. Graduate Placement Rates

MTC Graduate Placement Rates					
Year	Graduates	On Job	In School	Total Placed	% Placed
2016 - 2017	2,311	1,625	448	2,073	89.7%
2017 - 2018	2,096	1,421	463	1,884	89.9%
2018 - 2019	2,096	1,679	316	1,995	95.2%
2019 - 2020	2,119	1,594	448	2,042	96.3%
2020 - 2021	1,790	1,292	418	1,710	95.5%

Source: South Carolina Technical College System (SCTCS) program evaluation exhibits  
 Year: Academic year, Fall, Spring and Summer.  
 Note: Total Placed is total graduates reporting they are either on job (working in their field) or in school.

## Fall to Spring Persistence Rates

Persistence rates are commonly used student progress measures for both two-year and four-year institutions. As part of the annual South Carolina Technical College System (SCTCS) Performance Funding Indicators, SCTCS has calculated persistence rates for all South Carolina Technical Colleges and established a system-wide target goal. MTC’s goal is to align its Fall to Spring persistence rates with the SCTCS Performance Funding Indicator target of 71%. Over the past five years, MTC is within the established threshold of +/-5% for Fall to Spring persistence.

Table 4. Fall to Spring Persistence Rates

MTC Fall to Spring Persistence Rates					
Year	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
MTC	73%	70%	69%	73%	71%
SCTCS	73%	72%	72%	74%	72%

Source: South Carolina Technical College System (SCTCS) Persistence Exhibits

## Licensure examination pass rates

Licensure examination pass rates are calculated for all programs whose graduates are required to successfully pass a licensure examination. As part of the annual SCTCS Performance Funding Indicators, SCTCS has calculated licensure examination pass rates for all South Carolina Technical Colleges and established a system-wide target goal. MTC's goal is to align its licensure examination pass rates with the SCTCS Performance Funding Indicator licensure examination pass target rate of 80%. Over the past five years, MTC has successfully met or exceeded the +/-5% success criteria threshold.

Table 5. Licensure Examination Pass Rates

MTC Licensure Examination Pass Rates					
Exam	2017 - 2018 Examinees Passing Rate	2018 - 2019 Examinees Passing Rate	2019 - 2020 Examinees Passing Rate	2020 - 2021 Examinees Passing Rate	2021 - 2022 Examinees Passing Rate
National Council Licensure Exam - Practical Nurse	93.33%	100.00%	100.00%	100.00%	100.00%
National Council Licensure Exam - Registered Nurse	87.90%	85.45%	87.98%	79.89%	81.15%
National Board For Dental Hygiene Exam	100.00%	90.00%	-	95.00%	100.00%
Central Regional Dental Testing Services Exam	89.47%	75.00%	81.82%	100.00%	100.00%
The Commission on Dental Competency Assessments (CDCA)	-	-	80.00%	92.31%	100.00%
Registered Health Information Technician	100.00%	90.00%	100.00%	-	-
Medical Laboratory Technician, ASCP	100.00%	100.00%	100.00%	100.00%	100.00%
American Association of Medical Assistant Certification Exam (AAMA)	100.00%	87.50%	92.86%	91.67%	76.92%
Nuclear Medicine Technology, ARRT	100.00%	100.00%	100.00%	100.00%	100.00%
Nuclear Medicine Technology Certification Board Exam (NMTCB)	100.00%	100.00%	100.00%	100.00%	100.00%
National Physical Therapist Assistant Licensing Exam	94.74%	94.12%	100.00%	100.00%	87.50%
Radiography Exam, ARRT	91.67%	100.00%	100.00%	100.00%	94.44%
Respiratory Therapist Multiple Choice Exam (Certified Respiratory Therapist Level - CRT)	100.00%	100.00%	100.00%	92.86%	100.00%
Respiratory Therapist Multiple Choice Exam (Registered Respiratory Therapist Level - RRT)	100.00%	100.00%	100.00%	92.86%	90.91%
Respiratory Therapist Clinical Simulation Exam	100.00%	100.00%	100.00%	92.31%	91.67%
Surgical Technologist National Certifying Exam	100.00%	92.86%	100.00%	94.44%	100.00%
<b>Midlands Technical College Total</b>	<b>92.80%</b>	<b>90.06%</b>	<b>91.92%</b>	<b>88.06%</b>	<b>89.27%</b>

## Student Success Rate

The student success rate is a SCTCS cohort-based measurement of graduation, transfer to another post-secondary institution, or continuing enrollment after three years from first-time enrollment. The cohort includes all first-time freshman: those who have never attended a college, who enrolled in a degree, diploma, or certificate programs in a given fall semester.

As part of the annual South Carolina Technical College System (SCTCS) Performance Funding Indicators, SCTCS has calculated student success rates for all South Carolina Technical Colleges and established a system-wide target goal. MTC's goal is to align its Student Success with the SCTCS Performance Funding Indicator target of 50%. Over the past five years, MTC is within the established threshold of +/-5% for the student success rate.

Table 6. Student Success Rates

MTC Student Success Rates					
Year	2018 (2013)	2019 (2014)	2020 (2015)	2021 (2016)	2022 (2017)
MTC	52%	51%	50%	50%	47%
SCTCS	42%	43%	46%	47%	45%

Source: South Carolina Technical College System (SCTCS) Student Success Exhibits. The column header shows the most recent reporting year with the cohort year in parenthesis.

## Graduate Production Rate

The graduate production rate is a measure that reflects MTC's fulfillment of its workforce development mission. The rate includes all awards for degrees, diplomas, and certificates and removes time bound and demographic restrictions. It measures the unduplicated headcount of graduates and expresses it as a percentage or rate.

As part of the annual South Carolina Technical College System (SCTCS) Performance Funding Indicators, SCTCS has calculated graduation production rates for all South Carolina Technical Colleges and established a system-wide target goal. MTC's goal is to align its Graduation Production rate with the SCTCS Performance Funding Indicator target of 20%. Over the past five years, MTC has exceeded the established threshold of +/-5% for the graduation production rate.

Table 7. Graduate Production Rates

MTC Graduation Production Rates					
Year	2018 (2016-2017)	2019 (2017-2018)	2020 (2018-2019)	2021 (2019-2020)	2022 (2020-2021)
MTC	31%	26%	28%	31%	28%
SCTCS	30%	27%	29%	29%	32%

Source: South Carolina Technical College System (SCTCS) Graduation Production Exhibits. The column header shows the most recent reporting year with the cohort year in parenthesis.

## Course Completion Percentage

The course completion percentage calculates the percentage of MTC students who successfully complete their courses. Successful completion is defined as receiving a grade A, B, C, D or S (satisfactory). MTC has defined unsuccessful completion as receiving grades of F, W (withdrawal), WF (withdrawal/failure), U (Unsatisfactory), NC, or I (Incomplete).

MTC's goal is to continually increase the total Fall term course completion percentage. MTC has established the course completion target goal at 70% and threshold of +/- 5% to align with internal critical success factors. Over the past five years, MTC has successfully been within the established criteria.

Table 8. Course Completion Percentages

MTC Course Completion Percentage					
Year	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
MTC	75%	75%	70%	65%	65%
Source: CERS closing extract and CERS grades extract. Excludes developmental courses. Completion grades include A, B, C, D, and S. Non-completion grades include F, W, WF, U, NC, and I.					

## Student Completion Indicator Rate

The Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) requires member institutions to provide a key student completion indicator that most accurately represents the student completion pattern. MTC utilizes the National Student Clearinghouse (NSCH) total 6-year completion rate. MTC has determined that this indicator closely aligns with the college's mission of preparing a diverse student population to succeed in the job market, to transfer to four-year colleges and universities, and to achieve their professional and personal goals. The NSCH total 6-year completion rate is made up of first-time degree-seeking students, of any age, who began their postsecondary education in noted Fall term. Each cohort is followed through May 31st of the sixth academic year and highlights the 6-year student outcome, including degree and certificate completion, and continuing enrollment (persistence).

MTC has established the key student completion indicator rate to be within +/-5% of the NSCH overall 6-year completion rate for 2-year public institutions. Since Fall 2010, the MTC key student completion indicator has fallen within the college's established thresholds.

Table 9. NSCH Key Student Completion Indicator Rate

MTC Student Completion Indicator Rate		
Cohort	Midlands Technical College Student Completion Indicator Rate	2-Year Public Institutions Student Completion Indicator Rate
Fall 2010	35.25%	39.29%
Fall 2011	34.41%	37.53%
Fall 2012	35.87%	39.22%
Fall 2013	38.14%	40.76%
Fall 2014	38.82%	40.28%
Source: National Student Clearinghouse Research Center, StudentTracker Postsecondary Completions Institutional Benchmark Report for Fall 2010, Fall 2011, Fall 2012, Fall 2013		