

Expected Student Achievement Measures, Targets, Results, and Data Sources

The mission of Nashville State Community College (Nashville State) is to provide comprehensive educational programs and partnerships, exemplary services, an accessible, progressive learning environment, and responsible leadership to improve the quality of life for the community it serves. The college serves a broad geographic area comprised of Davidson, Cheatham, Dickson, Houston, Humphreys, Montgomery, and Stewart Counties. Student achievement is the underlying cornerstone of that mission, and so Nashville State continually evaluates student success using several criteria to ensure that the community is being best served.

Nashville State is compliant with Federal Requirement 4.1.

The table below summarizes:

- Criteria used by the institution in column 1. These criteria are consistent with the college mission to provide both access and success for students in the Nashville State service area.
- Target threshold for achievement for the criterion in column 2. A rationale for criteria and threshold selection can be found by clicking on each threshold in table 4.1.
- Results from most recent three years of data for the criterion in column 3.
- Source of the data (linked to documentation for quick review) used for the corresponding criterion in column 4.

Most data in this table are available and reported by Nashville State in one of the four sources listed here and noted in column 4.

- NCCBP = National Community College Benchmark Project (2014, 2015, 2016)
- Performance Funding Program of the Tennessee Higher Education Commission (2014, 2015, 2016)
- TBR = Tennessee Board of Regents (TBR) General Education Assessment reports
- THEC *Higher Education Fact Book* (2014, 2015, 2016)

Achievement Criterion	Threshold of Achievement	Result from Recent Data	Source of Data
Enrollment, both headcount and credit hours by FTE	Maintenance of headcount and FTE between fall semesters	Fall 2014 = Headcount = 10,044; FTE = 5740.24; above threshold Fall 2015 = Headcount = 10,192; FTE = 6204; above threshold Fall 2016 = FTE = 5479; below threshold; lost Cookeville campus	NSCC Historical Fall Data Table
California Critical Thinking Skills Test	Reach/exceed National average; test required of all degree graduates 2014 = 14.1 (max 15) 2015 = 14.5 (max 15) 2016 = 14.1 (max 15)	Fall 2014 = NSCC 14.7, above threshold Fall 2015 = NSCC 14.5, above threshold Fall 2016 = NSCC 14.5, above threshold	Performance Funding Report General Ed 2013-2014 2014-2015 2015-2016

<p>Writing Assessment</p>	<p>1-Reach/exceed % rubric scores in satisfactory + superior in Composition I courses by students of the previous year (Set by ENGL faculty)</p> <p>2-Reach/exceed NCCBP median for enrollee success in Composition I Fall 2014 = 70.82% Fall 2015 = 71.83% Fall 2016 = 73.06%</p>	<p>1 – Fall 2014 = Outcome 1 = 86.2%, Outcome 2 = 85.2%; Outcome 3 = 85.8%; Outcome 4 = 83.9%; Outcome 5 = 78% Used as baseline Fall 2015 = Outcome 1 = 85.1%, Outcome 2 = 84.6%; Outcome 3 = 83.7%; Outcome 4 = 80.4%; Outcome 5 = 74.4%; all below scores in previous year Fall 2016 =Outcome 1 = 79%; Outcome 2 = 77.6%; Outcome 3 = 77.4%; Outcome 4 = 73.2%; Outcomes 5 = 71.9%; all below scores in previous year</p> <p>2 – NSCC Fall 2014 = 70.48%; below by 0.34% Fall 2015 = 69.68%; below by 2.15% Fall 2016 = 67%; below by 6.06%</p>	<p>1 – TBR assessment English/speech 2014 English/speech 2015 English/speech 2016</p> <p>2 – 2014 – National NCCBP report (Form 11) 2015 – National NCCBP report (Form 11) 2016 -National NCCBP report (Form 11)</p>
<p>Math Assessment</p>	<p>1-Reach/exceed 70% correct responses on embedded test items that relate to individual course outcomes (threshold set by math faculty)</p> <p>2-Reach/exceed NCCBP median for enrollee success in Algebra Fall 2014 = 70.82% Fall 2015 = 63.41% Fall 2016 = 64.41</p>	<p>1-NSCC Students were assessed on a subset of 48 student outcomes in 8 general education math courses. Spring 2014 = 20/48 above threshold; 28/48 below threshold Spring 2015 = 31/48 above threshold; 17/48 below threshold Spring 2016 = 24/48 above threshold; 24/48 below threshold.</p> <p>2-NSCC Fall 2014 = 75.72%; above by 4.9% Fall 2015 = 51.87%; below by 11.54% Fall 2016 = 57.89%; below by 6.52%</p>	<p>MATH 2014 GEA report MATH 2015 GEA report MATH 2016 GEA report (subset of annual report to TBR on general education assessment)</p> <p>2 – 2014 – National NCCBP report (Form 11) 2015 – National NCCBP report (Form 11) 2016 - National NCCBP report (Form 11)</p>
<p>Speech Assessment</p>	<p>1-Reach/exceed % rubric scores in satisfactory + superior in Speech courses by students of the previous year (Set by Speech faculty)</p>	<p>1- NSCC Fall 2014 = Outcome 1 = 95%; Outcome 2 = 88%; Outcome 3 = 92.5%; Outcome 4 = 94.5%; Outcome 5 = 85.4%; Outcome 6 = 96.4%; used as baseline</p> <p>Fall 2015 = Outcome 1 = 94%; Outcome 2 = 92.5%; Outcome 3 = 93.8%; Outcome 4 = 95.6%; Outcome 5 = 89.1%; Outcome 6 = 94.9%; outcomes 2, 3, 4, 5 above baseline</p>	<p>1 – TBR assessment English/speech 2014 English/speech 2015 English/speech 2016</p>

	2-Reach/exceed NCCBP median for enrollee success Fall 2014 = 77.98% Fall 2015 = 78.79% Fall 2016 = 78.69	Fall 2016 =Outcome 1 = 96.2%; Outcome 2 = 90.2%; Outcome 3 = 92.7%; Outcome 4 = 96.2%; Outcome 5 = 87.6%; Outcome 6 = 96.2%; outcomes 1,4, and 6 above baseline 2- NSCC Fall 2014 = 80.52%; above by 2.54% Fall 2105 = 79.25%; above by 0.46% Fall 2016 = 78.15%; below by 0.54%	2 – 2014 – National NCCBP report (Form 11) 2015 – National NCCBP report (Form 11) 2016 - National NCCBP report (Form 11)
Major Field Exit Test	Reach/exceed previous score; required of all degree graduates on 5year cycle	NSCC - Fall 2014 = Office Administration 92.28% (previous score 79.8%); above threshold Fall 2015 = Electrical Engineering Tech 90.7% (previous score 84.5%); Computer Tech 68.7% (previous score 58.83%); above threshold Fall 2016 = Business 70.5% (previous score 69.5%); Accounting 78.5% (previous score 73%); above threshold	Performance Funding Report Major Field Test 2013-2014 2014-2015 2015-2016
Occupational Therapy Asst. Licensure Exam Scores	Reach/exceed ACOTE requires 80% pass rate aggregate over a 3 year period required for accreditation	NSCC - Fall 2014 = 100% pass rate, above threshold Fall 2015 = 90.48% pass rate, above threshold Fall 2016 = 88.9% pass rate; above threshold	Performance Funding Report Major Field Test 2013-2014 2014-2015 2015-2016
Nursing Licensure Exam Scores	Reach/exceed 85% first-attempt rate as required by the TN Board of Nursing	NSCC - Fall 2014 = 80.56%; below threshold Fall 2015 = 96.3%; above threshold Fall 2016 =93.9%; above threshold	Performance Funding Report Major Field Test 2013-2014 2014-2015 2015-2016
Surgical Technology National Certification Exam	Reach/Exceed 70% first-attempt pass rate as required for accreditation	NSCC - Fall 2014 = 85% first-attempt pass rate; above threshold Fall 2015 = 86% first-attempt pass rate; above threshold Fall 2016 =93% first-time pass rate; above threshold	Surgical Technology Pass Rates (published annually on NSCC website)
Job Placement in related field, required for all career degree & certificate program graduates	1-Reach/exceed previous year placement in job related to training, with those still in school excluded	1-NSCC Fall 2014 = 93% placed in job; set threshold Fall 2015 = 93% placed in job; at threshold Fall 2016 = 96% placed in job; above threshold 2- NSCC	1 - Performance Funding Job Placement 1E 2013-2014 2014-2015 2015-2016 2 -

	2-Reach/exceed NCCBP median for job placement Fall 2014 = 60.0% Fall 2015 = 63.75% Fall 2016 = 64.66%	Fall 2014 = 63.86%; above threshold by 3.86% Fall 2015 = 63.03%; below threshold by 0.72% Fall 2016 = 63.03%; below threshold by 1.63%	2014 – National NCCBP report (Form 10) 2015 – National NCCBP report (Form 10) 2016 -National NCCBP report (Form 10)
3-yr completion of full-time students	Reach/exceed NCCBP median = Fall 2014 = 18.85% Fall 2015 = 21.5% Fall 2016 = 21.47%	NSCC - Fall 2014 = 12.23%; below threshold by 6.62% Fall 2015 = 12.44%; below threshold by 9.06% Fall 2016 = 14.73%; below threshold by 6.74%	2014 – National NCCBP report (Form 2) 2015 – National NCCBP report (Form 2) 2016 - National NCCBP report (Form 2)
3-year completion of part-time students	Reach/exceed NCCBP median = Fall 2014 = 6.49% Fall 2015 = 6.28% Fall 2016 = 6.32%	NSCC - Fall 2014 = 3.40%; below threshold by 3.09% Fall 2015 = 4.02%; below threshold by 2.26% Fall 2016 = 3.92%; below threshold by 2.4%	2014 – National NCCBP report (Form 2) 2015 – National NCCBP report (Form 2) 2016 - National NCCBP report (Form 2)
6-year completion of full-time students	Reach/exceed NCCBP median = Fall 2014 = 27.46% Fall 2015 = 30.43% Fall 2016 = 6.32%	NSCC - Fall 2014 = 18.14%; below threshold by 9.32% Fall 2015 = 13.93%; below threshold by 16.5% Fall 2016 = 3.92%; below threshold by 2.4%	2014 – National NCCBP report (Form 2) 2015 – National NCCBP report (Form 2) 2016 - National NCCBP report (Form 2)
6-year completion of part-time students	Reach/exceed NCCBP median = Fall 2014 = 14.65% Fall 2015 = 15.97% Fall 2016 = 13.63%	NSCC - Fall 2014 = 10.45%; below threshold by 4.2% Fall 2015 = 11.24%; below threshold by 4.73% Fall 2016 = 11.76%; below threshold by 1.87%	2014 – National NCCBP report (Form 2) 2015 – National NCCBP report (Form 2) 2016 - National NCCBP report (Form 2)
3-year transfer of full-time students to a 4-year institution	Reach/exceed NCCBP median = Fall 2014 = 16.15% Fall 2015 = 15.78% Fall 2016 = 14.71%	NSCC - Fall 2014 = 16.53%; above threshold by 0.38% Fall 2015 = 8.58%; below threshold by 7.2% Fall 2016 = 8.53%; below threshold by 6.18%	2014 – National NCCBP report (Form 2) 2015 – National NCCBP report (Form 2) 2016 - National NCCBP report (Form 2)
6-year transfer of full-time students to a 4-year institution	Reach/exceed NCCBP median = Fall 2014 = 20.98% Fall 2015 = 20.83% Fall 2016 = 18.75%	NSCC - Fall 2014 = 25.49%; above threshold by 4.51% Fall 2015 = 15.53%; below threshold by 5.3% Fall 2016 = 11.55%; below threshold by 7.2%	2014 – National NCCBP report (Form 2) 2015 – National NCCBP report (Form 2) 2016 - National NCCBP report (Form 2)
6-year transfer of part-time	Reach/exceed NCCBP median = Fall 2014 = 16.44%	NSCC - Fall 2014 = 13.64%; below threshold by 2.8%	2014 – National NCCBP report (Form 2)

students to a 4-year	Fall 2015 = 16.67% Fall 2016 = 13.40%	Fall 2015 = 10.29%; below threshold by 6.38% Fall 2016 = 6.83%; below threshold by 6.57%	2015 – National NCCBP report (Form 2) 2016 - National NCCBP report (Form 2)
Enrollee success in all college-level courses	Reach/exceed NCCBP national median = Fall 2014 = 75.57% Fall 2015 = 76.24% Fall 2016 = 76.52%	NSCC - Fall 2014 = 69.71%; below threshold by 5.86% Fall 2015 = 69.17%; below threshold by 7.07% Fall 2016 = 70.38%; below threshold by 6.14%	2014 – National NCCBP report (Form 7) 2015 – National NCCBP report (Form 7) 2016 -National NCCBP report (Form 7)
Enrollee success in 1 st college-level writing course	Reach/exceed NCCBP national median = Fall 2014 = 71.71% Fall 2015 = 70.43% Fall 2016 = 71.94%	NSCC - Fall 2014 = 67.28%; below threshold by 4.43% Fall 2015 = 70.89%; above threshold by 0.46% Fall 2016 = 55.53%; below threshold by 16.41%	2014 – National NCCBP report (Form 9) 2015 – National NCCBP report (Form 9) 2016 - National NCCBP report (Form 9)
Enrollee success in 1st college-level math course	Reach/exceed NCCBP national median = Fall 2014 = 67.16% Fall 2015 = 67.36% Fall 2016 = 67.45%	NSCC - Fall 2014 = 51.23%; below threshold by 15.93% Fall 2015 = 58.98%; below threshold by 8.38% Fall 2016 = 53.61%; below threshold by 13.84%	2014 – National NCCBP report (Form 9) 2015 – National NCCBP report (Form 9) 2016 - National NCCBP report (Form 9)
Enrollee success in developmental writing course	Reach/exceed NCCBP national median Fall 2014 = 66.05% Fall 2015 = 66.67% Fall 2016 = 66.67%	NSCC - Fall 2014 = 70.98%; above threshold by 4.93% Fall 2015 = 71.38%; above threshold by 4.71% Fall 2016 = 72.93%; above by 6.26%	2014 – National NCCBP report (Form 8) 2015 – National NCCBP report (Form 8) 2016 - National NCCBP report (Form 8)
Enrollee success in developmental math course	Reach/exceed NCCBP national median = Fall 2014 = 57.68% Fall 2015 = 58.56% Fall 2016 = 58.71%	NSCC - Fall 2014 = 58.10%; above threshold by 0.42% Fall 2015 = 54.79; below threshold by 3.77% Fall 2016 = 60.09%; above threshold by 1.38%	2014 – National NCCBP report (Form 8) 2015 – National NCCBP report (Form 8) 2016 - National NCCBP report (Form 8)
Enrollee success in online courses	Reach/exceed NCCBP national median = Fall 2014 = 66.4% Fall 2015 = 66.34% Fall 2016 = 67.19%	NSCC - Fall 2014 = 58.55%; below threshold by 7.85% Fall 2015 = 58.49%; below threshold by 7.85% Fall 2016 = 57.92%; below by 9.27	2014 – National NCCBP report (Form 17B) 2015 – National NCCBP report (Form 17B) 2016 - National NCCBP report (Form 17B)
Distance learning as % of credit sections	Reach/exceed NCCBP national median = Fall 2014 = 12.85% Fall 2015 = 13.35% Fall 2016 = 14.60%	NSCC - Fall 2014 = 15.45%; above threshold by 2.6% Fall 2015 = 17.27%; above threshold by 3.92% Fall 2016 = 18.35%; above threshold by 3.75%	2014 – National NCCBP report (Form 17A) 2015 – National NCCBP report (Form 17A) 2016 - National NCCBP report (Form 17A)

<p>Student engagement on CCSSE benchmarks</p>	<p>Reach/exceed median CCSSE score for all NCCBP institutions:</p> <p>2014 - Active/Collaborate Learning = 48.8% Student Effort = 49.3% Academic Challenge = 49.1% Student-Faculty Interaction = 50.2% Support for Learners = 49.6%</p> <p>2015- Active/Collaborate Learning = 49.0% Student Effort = 49.3% Academic Challenge = 49.3% Student-Faculty Interaction = 50.6% Support for Learners = 49.8%</p> <p>2016 - Active/Collaborate Learning = 49.3% Student Effort = 48.8% Academic Challenge = 49.2% Student-Faculty Interaction = 50.3% Support for Learners = 49.5%</p>	<p>NSCC - 2014 - Active/Collaborate Learning = 49.5%; above threshold by 0.7% Student Effort = 50.8%; above threshold by 1.5% Academic Challenge = 50.4%; above threshold by 1.3% Student-Faculty Interaction = 51.8%; above threshold by 1.6% Support for Learners = 49.7%; above threshold by 0.1%</p> <p>2015- Active/Collaborate Learning = 50.6%; above threshold by 1.6% Student Effort = 52.0%; above threshold by 2.7% Academic Challenge = 50.3%; above threshold by 1% Student-Faculty Interaction = 52.0%; above threshold by 1.4% Support for Learners = 47.0%; below threshold by 2.8%</p> <p>2016 - Active/Collaborate Learning = 50.6%; above threshold by 1.3% Student Effort = 52.0%; above threshold by 3.2% Academic Challenge = 50.3%; above threshold by 1.1% Student-Faculty Interaction = 52.0%; above threshold by 1.7% Support for Learners = 47%; below threshold by 2.5%</p>	<p>2014 – National NCCBP report (Form 5) 2015- National NCCBP report (Form 5) 2016 - National NCCBP report (Form 5)</p>
---	--	---	---

Nashville State is committed to providing comprehensive educational programs for our over 10,000 students. In order to monitor the achievement of our students in relation to our mission, several criteria were selected for the evaluation of student success (see table 4.1 above). Thresholds are established by comparison to National median values, sister institutions in Tennessee, standards set by program accrediting bodies, or set by Nashville State Faculty as appropriate. A description of each achievement criterion, how it pertains to the mission, and how the threshold of achievement was set can be found by clicking on the threshold in each row in table 4.1. Judgement as to whether or not the established threshold was met on an annual basis for each criterion can be found in column three in table 4.1. Outcomes of data analysis are distributed to the campus community and are used to drive initiatives in annual strategic planning at all levels of the college in concurrence with the 2015-2025 Nashville State strategic plan.

Nashville State provides programs intended for technical certificates, preparation for the workforce, and

preparation for transfer to four-year institutions. It is important to the college that assessment tools span all students and not just a subset.