



Tennessee Tech University Overview

2012 Report Card on the Effectiveness of Teacher Training Programs

Tennessee Tech University is a public four year institution of higher education in the Tennessee Board of Regents system. The university is accredited by the Southern Association of Colleges and Schools and the National Council for Accreditation of Teacher Education. Tennessee Tech University has thirty-one approved teacher education programs.

Institution Highlights:

- Tennessee Tech University had 434 program completers and a passage rate of 97% on the Praxis exam.
- Program completers from Tennessee Tech University are less effective than *veteran teachers* and other *beginning teachers* in 4th-8th grade Social Studies and TCAP composite scores.
- Tennessee Tech University's program completers have more completers in the least effective percentile in 4th-8th grade Social Studies and TCAP exam composite scores as compared to *beginning teacher* performance distributions across the state.
- Tennessee Tech University's program completers have lower numbers of completers in the most effective percentile of 4th-8th grade TCAP composite scores as compared to *beginning teacher* performance distributions across the state.

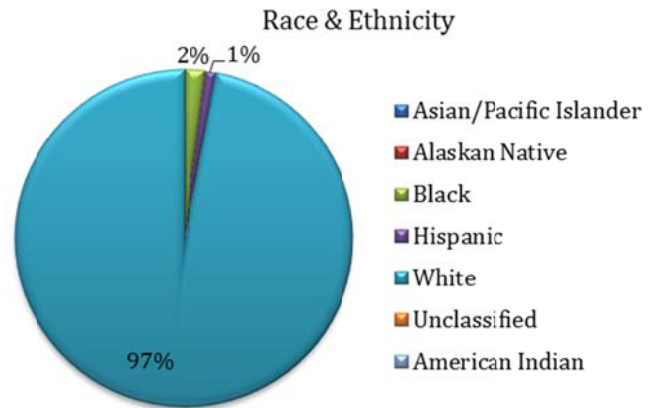
Tennessee Tech University

Teacher Education Program Information

Location:	Cookeville, TN
Institution Type:	TBR
Accreditation:	SACS, NCATE
Approved Teacher Education Programs:	31
Top Endorsement Areas:	Elementary K-6 (246 completers) Early Childhood Ed. PK-3 (33 completers) Physical Education K-12 (23 completers)

2010-2011 Program Completers

Total Number	434
Male	21%
Female	79%
In-state	99%
Out-of-state	1%
Traditional License	411
Alternative License	23



Academic Information

	Average All Completers	Range All Completers	Average Traditional	Average Alternative	State Average All Completers
Final GPA	3.46	2.30 – 4.00	3.46	3.41	3.57
Major GPA					3.56
High School GPA	3.29	1.92-4.0	3.29	3.33	3.34
ACT Composite	21.4	13-33	21.4	21	22.7
ACT Reading	22.5	7-36	22.5	20.7	23.3
ACT Science	21.5	11-33	21.5	21	21.8
ACT English	22.5	12-35	22.5	22.6	23.4
ACT Math	20.4	12-31	20.4	21	20.9
SAT Cumulative					1129
SAT Math					529
SAT Verbal					561

Placement and Retention Data

Data reflect the placement and retention rates of graduates for each cohort year listed. These data are based on the program completers in the Personnel Information Reporting System (PIRS). The years refer to the number of years since the completers have graduated and been eligible to teach. Therefore, these data help to inform the rate at which an institution's graduates enter and remain in the teaching field in Tennessee public schools. The number teaching 3 out of 4 years is included to account for the teachers who may leave the profession for a year but do return (e.g. for maternity leave or FMLA).

Cohort Year	Number of Completers	Teaching in Year 1	Teaching in Year 2	Teaching 3 Consecutive Years	Teaching 3 out of 4 years
2007 - 08	374	59.6%	67.6%	51.3%	62.0%
2008 - 09	388	51.3%	63.9%	46.4%	
2009 - 10	611	58.3%	64.3%		
2010 - 11	434	49.5%			

Teacher Assessments

Tennessee requires that teacher candidates take Praxis examinations to be recommended for licensure and receive endorsements in specific fields. Below are the Praxis summary pass rates for this institution for all exams.

Praxis Results (2010-2011)	Number Tested	Number Passed	Pass Rate
Summary Pass Rates			
- Traditional	410	396	97%
Summary Pass Rates			
- Alternative	23	20	87%

Note: The pass rate is not provided if there were less than 10 test takers

Teacher T-Value Effects (includes all grades)

One year estimates of T-value of teacher effects (2010 – 2011)

KEY

- No color: No statistically significant difference
- - Fewer than 5 teachers
- **Green:** Statistically significant positive difference
- **Yellow:** Statistically significant negative difference

Veteran Teacher Comparison: The average effectiveness of beginning teachers (1-3 years of experience) who have graduated from this institution as compared to the average effectiveness of veteran teachers in terms of contribution to student achievement growth.

Traditionally Licensed Teachers

Subject	Mean T-Value	Teachers in Program	Total Programs Statewide
TCAP Composite (grades 4-8)	-0.9821	237	33
- Math	-0.3653	138	30
- Reading/Language	-0.1396	151	32
- Science	-0.2967	138	26
- Social Studies	-0.7317	96	30
EOC Composite (High school)	-0.4154	54	28
- Algebra I	-0.5949	9	9
- Algebra II	-0.8291	8	9
- Biology I	0.4178	8	5
- English I	0.0593	17	8
- English II	-0.3067	12	7
- English III	0.0655	5	5
- US History	0.8159	7	3

Alternatively Licensed Teachers

Subject	Mean T-Value	Teachers in Program	Total Programs Statewide
TCAP Composite (grades 4-8)	-0.4407	5	14
- Math	0.7735	6	6
- Reading/Language	-	0	6
- Science	-	4	7
- Social Studies	-	1	3
EOC Composite (High school)	-1.0343	11	13
- Algebra II	-1.9021	5	4

Veteran Teacher Comparison: The average effectiveness of beginning teachers (1-3 years of experience) who have graduated from this institution as compared to the average effectiveness of veteran teachers in terms of contribution to student achievement growth.

Traditionally & Alternatively Licensed Teachers

Subject	Mean T-Value	Teachers in Program	Total Programs Statewide
TCAP Composite (grades 4-8)	-0.9709	242	37
- Math	-0.3179	144	33
- Reading/Language	-0.1396	151	35
- Science	-0.2732	142	31
- Social Studies	-0.7263	97	32
EOC Composite (High school)	-0.5201	65	33
- Algebra I	-1.1845	12	14
- Algebra II	-1.2418	13	12
- Biology I	0.8115	9	11
- English I	0.0593	17	12
- English II	-0.3067	12	8
- English III	0.0655	5	7
- U.S. History	0.796	9	4

Beginning Teacher Comparison: The average effectiveness of beginning teachers (1-3 years of experience) who graduated from this institution as compared to the mean of the average effectiveness for beginning teachers from all teacher training programs in Tennessee in terms of contribution to student achievement growth

Traditionally Licensed Teachers

Subject	Mean T-Value	Teachers in Program	Total Programs Statewide
TCAP Composite (grades 4-8)	-0.222	237	33
- Math	-0.2063	138	30
- Reading/Language	0.0058	151	32
- Science	-0.2186	138	26
- Social Studies	-0.5338	96	30
EOC Composite (High school)	0.1709	54	28
- Algebra I	0.2546	9	9
- Algebra II	1.2959	8	9
- Biology I	-0.2967	8	5
- English I	0.2813	17	8
- English II	0.3509	12	7
- English III	-0.1881	5	5
- US History	0.633	7	3

Alternatively Licensed Teachers

Subject	Mean T-Value	Teachers in Program	Total Programs Statewide
TCAP Composite (grades 4-8)	-0.3252	5	14
- Math	-0.4771	6	6
- Reading/Language	-	0	6
- Science	-	4	7
- Social Studies	-	1	3
EOC Composite (High school)	-0.1911	11	13
- Algebra II	1.4711	5	4

Beginning Teacher Comparison: The average effectiveness of beginning teachers (1-3 years of experience) who graduated from this institution as compared to the mean of the average effectiveness for beginning teachers from all teacher training programs in Tennessee in terms of contribution to student achievement growth

Traditionally & Alternatively Licensed Teachers

Subject	Mean T-Value	Teachers in Program	Total Programs Statewide
TCAP Composite (grades 4-8)	-0.4012	242	37
- Math	-0.3244	144	33
- Reading/Language	-0.0152	151	35
- Science	-0.319	142	31
- Social Studies	-0.6522	97	32
EOC Composite (High school)	0.0849	65	33
- Algebra I	-0.517	12	14
- Algebra II	1.0831	13	12
- Biology I	0.3899	9	11
- English I	0.1081	17	12
- English II	0.1163	12	8
- English III	0.6346	5	7
- U.S. History	0.5817	9	4

Statewide Distribution: The percentage of beginning teachers (1-3 years of experience) from this teacher training program who fall into either the lowest or highest effectiveness quintiles; the quintiles are based upon the statewide distribution of the t-value of teacher effects

Traditionally Licensed Teachers

Subject	% Below the 20 th Percentile	% Above the 80 th Percentile	Teachers in Program
TCAP Composite (grades 4-8)	27.4%	13.1%	237
- Math	21.7%	17.4%	138
- Reading/Language	19.2%	18.5%	151
- Science	21.7%	15.9%	138
- Social Studies	30.2%	13.5%	96
EOC Composite (High school)	18.5%	18.5%	54
- Algebra I	22.2%	22.2%	9
- Algebra II	37.5%	12.5%	8
- Biology I	25%	25%	8
- English I	17.7%	23.5%	17
- English II	41.7%	25%	12
- English III	0.0%	0.0%	5
- US History	14.3%	42.9%	7

Alternatively Licensed Teachers

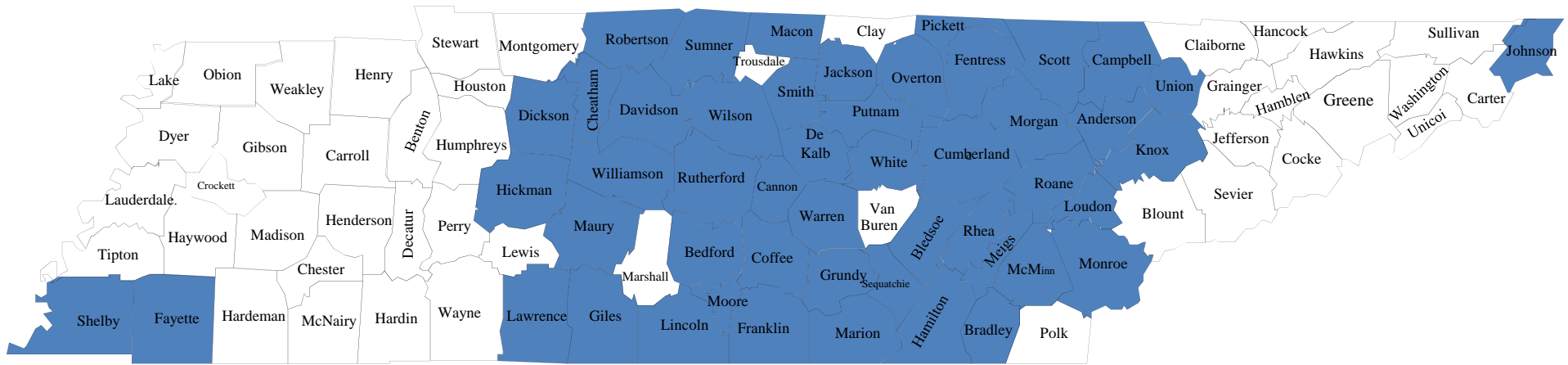
Subject	% Below the 20 th Percentile	% Above the 80 th Percentile	Teachers in Program
TCAP Composite (grades 4-8)	0.0%	20%	5
- Math	0.0%	16.7%	6
- Reading/Language	-	-	0
- Science	-	-	4
- Social Studies	-	-	1
EOC Composite (High school)	18.8%	9.1%	11
- Algebra II	20%	0.0%	5

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Traditionally & Alternatively Licensed Teachers

Subject	% Below the 20th Percentile	% Above the 80th Percentile	Teachers in Program
TCAP Composite (grades 4-8)	26.9%	13.2%	242
- Math	20.8%	17.4%	144
- Reading/Language	19.2%	18.5%	151
- Science	21.1%	15.5%	142
- Social Studies	29.9%	13.4%	97
EOC Composite (High school)	18.5%	16.9%	25
- Algebra I	25%	16.7%	12
- Algebra II	30.8%	7.7%	13
- Biology I	22.2%	33.3%	9
- English I	17.7%	23.5%	17
- English II	41.7%	25%	12
- English III	0.0%	0.0%	5
- U.S. History	11.1%	33.3%	9

Tennessee Technological University Counties where 2010-2011 Completers taught in 2011-2012



District	Number of Teachers
Cheatham County, Cleveland, Dickson County, Giles County, Hickman County, Johnson County, Lawrence County, Lebanon, Loudon County, McMinn County, Meigs County, Monroe County, Murfreesboro, Shelby County	1
Anderson County, Bedford County, Bledsoe County, Campbell County, Cannon County, Clinton, Coffee County, Davidson County, Fayetteville, Fentress County, Franklin County, Grundy County, Jackson County, Lincoln County, Macon County, Manchester, Marion County, Maury County, Moore County, Morgan County, Oneida, Pickett County, Rhea County, Roane County, Robertson County, Rutherford County, Scott County, Sequatchie County, Sumner County, Tullahoma, Union County, Williamson County, Wilson County	2-5

District	Number of Teachers
Cumberland County	20
DeKalb County	6
Hamilton County	7
Knox County	16
Overton County	7
Putnam County	24
Smith County	6
Warren County	14
White County	7