



## IR SERIES

Office of Institutional Research - Box 5161 - 372-6144  
Tennessee Technological University

Vol. 09-10, No. 8

July 22, 2009

---

### **Retention Rates for Transfer Students by Unit**

This report contains current information about Fall-to-Spring and Fall-to-Fall retention rates for transfer students at Tennessee Tech, by unit. Each cohort consists of all first-time, full-time undergraduate transfer students who entered the University in the Fall semester or the immediately preceding Summer.

Below is a summary of retention rates by unit. These rates were calculated as weighted averages for the five most recent cohorts of entering undergraduate transfer students. In subsequent sections, Table 1 provides detailed information for the overall cohorts, and Tables 2 through 8 provide corresponding information for the units. Tables 2 through 8 are mutually exclusive, and students are grouped according to their *college and major in their first Fall term at TTU*. Retention information is about *retention at the University* and not necessarily retention within the original unit. Some students migrate from the original unit (e.g., Engineering) to another unit (e.g., Arts and Sciences).

### **Fall-to-Spring Retention Rate for Undergraduate Transfer Students**

**What percentage of undergraduate transfer students in Fall semester return for their Spring semester at Tennessee Tech?**

<b>University</b>	<b>91.5%</b>
Agricultural and Human Sciences	88.6%
Arts and Sciences	89.6%
Business	91.4%
Education	94.9%
Engineering	90.6%
Interdisciplinary Studies	89.1% *
Independent Programs	82.2%

\* Information available only for cohort years since 2002.

### **One-Year Retention Rate for Undergraduate Transfer Students**

**What percentage of undergraduate transfer students graduate before or return for their second year at Tennessee Tech?**

<b>University</b>	<b>79.8%</b>
Agricultural and Human Sciences	71.4%
Arts and Sciences	74.6%
Business	80.2%
Education	87.4%
Engineering	80.7%
Interdisciplinary Studies	73.8% *
Independent Programs	62.2%

\* Information available only for cohort years since 2002.

Notes:

1. The previous iteration of this report is [\*IR Series, Vol. 08-09, No. 2\*](#), July 14, 2008.
2. Information about retention by department for the Fall 2007 and 2008 cohorts is included in the Appendices.
3. Throughout this report, the average one-semester retention rate (from first Fall term to first Spring term) was calculated from five cohorts: the entering undergraduate transfer students of Fall 2004, Fall 2005, Fall 2006, Fall 2007, and Fall 2008.
4. Throughout this report, the average one-year retention rate (from first Fall term to second Fall term) was calculated from five cohorts: the entering undergraduate transfer students of Fall 2003, Fall 2004, Fall 2005, Fall 2006, and Fall 2007.
5. The operational definition of transfer student changed beginning in Fall 2000, resulting in the shift of certain students from being classified as transfer students to being classified as new freshmen. This change is reflected in the smaller number of transfer students in Fall 2000, as compared to Fall 1999, and in the generally smaller number of transfer students in the early 2000s cohorts, as compared with cohorts of the late 1990s. More information about this change is available from the Office of Institutional Research.
6. Independent Programs, in Table 8, is usually comprised of General Curriculum and Pre-Law but also can include Academic Development Program for cohorts up to and including Fall 2003, and can include General Health Studies for the Fall 2005, 2006, 2007, and 2008 cohorts. See the Appendices for more details.
7. In Table 7, for Interdisciplinary Studies, the first available cohort is for Fall 2002.

**Table 1: University**

Entering Fall Class	First Fall Term	First Spring Term	Grads before 2nd Fall	Second Fall Term	Grads & Continuing 2nd Fall
<b>1996</b>	564	490 86.88%	0 0.00%	419 74.29%	419 74.29%
<b>1997</b>	635	561 88.35%	4 0.63%	486 76.54%	490 77.17%
<b>1998</b>	639	556 87.01%	2 0.31%	481 75.27%	483 75.59%
<b>1999</b>	680	600 88.24%	6 0.88%	497 73.09%	503 73.97%
<b>2000</b>	491	407 82.89%	3 0.61%	354 72.10%	357 72.71%
<b>2001</b>	538	481 89.41%	1 0.19%	427 79.37%	428 79.55%
<b>2002</b>	524	462 88.17%	0 0.00%	372 70.99%	372 70.99%
<b>2003</b>	498	435 87.35%	2 0.40%	380 76.31%	382 76.71%
<b>2004</b>	548	498 90.88%	4 0.73%	439 80.11%	443 80.84%
<b>2005</b>	553	500 90.42%	2 0.36%	441 79.75%	443 80.11%
<b>2006</b>	599	556 92.82%	1 0.17%	493 82.30%	494 82.47%
<b>2007</b>	620	553 89.19%	5 0.81%	481 77.58%	486 78.39%
<b>2008</b>	626	589 94.09%			
Weighted Average:		<b>91.51%</b>	<b>0.50%</b>	<b>79.28%</b>	<b>79.77%</b>

**Table 2: Agricultural and Human Sciences**

Entering Fall Class	First Fall Term	First Spring Term	Grads before 2nd Fall	Second Fall Term	Grads & Continuing 2nd Fall
<b>1996</b>	39	32 82.05%	0 0.00%	29 74.36%	29 74.36%
<b>1997</b>	42	36 85.71%	0 0.00%	28 66.67%	28 66.67%
<b>1998</b>	42	33 78.57%	0 0.00%	30 71.43%	30 71.43%
<b>1999</b>	75	69 92.00%	1 1.33%	57 76.00%	58 77.33%
<b>2000</b>	47	42 89.36%	0 0.00%	35 74.47%	35 74.47%
<b>2001</b>	53	48 90.57%	0 0.00%	36 67.92%	36 67.92%
<b>2002</b>	43	43 100.00%	0 0.00%	32 74.42%	32 74.42%
<b>2003</b>	41	35 85.37%	0 0.00%	28 68.29%	28 68.29%
<b>2004</b>	41	35 85.37%	0 0.00%	31 75.61%	31 75.61%
<b>2005</b>	48	42 87.50%	0 0.00%	33 68.75%	33 68.75%
<b>2006</b>	44	39 88.64%	0 0.00%	32 72.73%	32 72.73%
<b>2007</b>	50	45 90.00%	0 0.00%	36 72.00%	36 72.00%
<b>2008</b>	46	42 91.30%			
Weighted Average:		<b>88.65%</b>	<b>0.00%</b>	<b>71.43%</b>	<b>71.43%</b>

**Table 3: Arts and Sciences**

Entering Fall Class	First Fall Term	First Spring Term	Grads before 2nd Fall	Second Fall Term	Grads & Continuing 2nd Fall
<b>1996</b>	111	93 83.78%	0 0.00%	76 68.47%	76 68.47%
<b>1997</b>	144	123 85.42%	3 2.08%	101 70.14%	104 72.22%
<b>1998</b>	129	110 85.27%	1 0.78%	91 70.54%	92 71.32%
<b>1999</b>	136	121 88.97%	2 1.47%	99 72.79%	101 74.26%
<b>2000</b>	105	90 85.71%	1 0.95%	76 72.38%	77 73.33%
<b>2001</b>	103	92 89.32%	0 0.00%	79 76.70%	79 76.70%
<b>2002</b>	115	98 85.22%	0 0.00%	74 64.35%	74 64.35%
<b>2003</b>	96	76 79.17%	0 0.00%	66 68.75%	66 68.75%
<b>2004</b>	125	115 92.00%	2 1.60%	95 76.00%	97 77.60%
<b>2005</b>	120	109 90.83%	0 0.00%	93 77.50%	93 77.50%
<b>2006</b>	105	96 91.43%	1 0.95%	78 74.29%	79 75.24%
<b>2007</b>	128	107 83.59%	1 0.78%	92 71.88%	93 72.66%
<b>2008</b>	127	115 90.55%			
Weighted Average:		<b>89.59%</b>	<b>0.70%</b>	<b>73.87%</b>	<b>74.56%</b>

**Table 4: Business**

Entering Fall Class	First Fall Term	First Spring Term	Grads before 2nd Fall	Second Fall Term	Grads & Continuing 2nd Fall
<b>1996</b>	84	76 90.48%	0 0.00%	70 83.33%	70 83.33%
<b>1997</b>	104	95 91.35%	1 0.96%	85 81.73%	86 82.69%
<b>1998</b>	104	91 87.50%	0 0.00%	77 74.04%	77 74.04%
<b>1999</b>	109	95 87.16%	1 0.92%	81 74.31%	82 75.23%
<b>2000</b>	85	74 87.06%	0 0.00%	64 75.29%	64 75.29%
<b>2001</b>	103	90 87.38%	0 0.00%	83 80.58%	83 80.58%
<b>2002</b>	93	83 89.25%	0 0.00%	67 72.04%	67 72.04%
<b>2003</b>	70	65 92.86%	2 2.86%	57 81.43%	59 84.29%
<b>2004</b>	78	71 91.03%	2 2.56%	61 78.21%	63 80.77%
<b>2005</b>	67	60 89.55%	0 0.00%	52 77.61%	52 77.61%
<b>2006</b>	80	74 92.50%	0 0.00%	66 82.50%	66 82.50%
<b>2007</b>	69	62 89.86%	0 0.00%	52 75.36%	52 75.36%
<b>2008</b>	79	74 93.67%			
Weighted Average:		<b>91.42%</b>	<b>1.10%</b>	<b>79.12%</b>	<b>80.22%</b>

**Table 5: Education**

Entering Fall Class	First Fall Term	First Spring Term	Grads before 2nd Fall	Second Fall Term	Grads & Continuing 2nd Fall
<b>1996</b>	137	125 91.24%	0 0.00%	111 81.02%	111 81.02%
<b>1997</b>	142	127 89.44%	0 0.00%	113 79.58%	113 79.58%
<b>1998</b>	135	111 82.22%	1 0.74%	99 73.33%	100 74.07%
<b>1999</b>	141	128 90.78%	2 1.42%	114 80.85%	116 82.27%
<b>2000</b>	98	81 82.65%	2 2.04%	70 71.43%	72 73.47%
<b>2001</b>	121	111 91.74%	1 0.83%	102 84.30%	103 85.12%
<b>2002</b>	149	129 86.58%	0 0.00%	108 72.48%	108 72.48%
<b>2003</b>	146	135 92.47%	0 0.00%	122 83.56%	122 83.56%
<b>2004</b>	193	181 93.78%	0 0.00%	168 87.05%	168 87.05%
<b>2005</b>	188	179 95.21%	0 0.00%	167 88.83%	167 88.83%
<b>2006</b>	239	228 95.40%	0 0.00%	218 91.21%	218 91.21%
<b>2007</b>	248	230 92.74%	0 0.00%	211 85.08%	211 85.08%
<b>2008</b>	246	239 97.15%			
Weighted Average:		<b>94.88%</b>	<b>0.00%</b>	<b>87.38%</b>	<b>87.38%</b>

**Table 6: Engineering**

Entering Fall Class	First Fall Term	First Spring Term	Grads before 2nd Fall	Second Fall Term	Grads & Continuing 2nd Fall
<b>1996</b>	138	123 89.13%	0 0.00%	109 78.99%	109 78.99%
<b>1997</b>	153	140 91.50%	0 0.00%	129 84.31%	129 84.31%
<b>1998</b>	183	170 92.90%	0 0.00%	151 82.51%	151 82.51%
<b>1999</b>	176	150 85.23%	0 0.00%	121 68.75%	121 68.75%
<b>2000</b>	107	95 88.79%	0 0.00%	87 81.31%	87 81.31%
<b>2001</b>	119	112 94.12%	0 0.00%	104 87.39%	104 87.39%
<b>2002</b>	75	68 90.67%	0 0.00%	61 81.33%	61 81.33%
<b>2003</b>	86	77 89.53%	0 0.00%	72 83.72%	72 83.72%
<b>2004</b>	80	70 87.50%	0 0.00%	62 77.50%	62 77.50%
<b>2005</b>	83	73 87.95%	0 0.00%	68 81.93%	68 81.93%
<b>2006</b>	84	79 94.05%	0 0.00%	69 82.14%	69 82.14%
<b>2007</b>	76	66 86.84%	0 0.00%	59 77.63%	59 77.63%
<b>2008</b>	92	88 95.65%			
Weighted Average:		<b>90.60%</b>	<b>0.00%</b>	<b>80.68%</b>	<b>80.68%</b>

**Table 7: Interdisciplinary Studies**

Entering Fall Class	First Fall Term	First Spring Term	Grads before 2nd Fall	Second Fall Term	Grads & Continuing 2nd Fall
<b>2002</b>	5	4 80.00%	0 0.00%	4 80.00%	4 80.00%
<b>2003</b>	9	7 77.78%	0 0.00%	7 77.78%	7 77.78%
<b>2004</b>	8	7 87.50%	0 0.00%	6 75.00%	6 75.00%
<b>2005</b>	9	7 77.78%	2 22.22%	4 44.44%	6 66.67%
<b>2006</b>	21	20 95.24%	0 0.00%	14 66.67%	14 66.67%
<b>2007</b>	14	13 92.86%	4 28.57%	8 57.14%	12 85.71%
<b>2008</b>	12	10 83.33%			
Weighted Average:		<b>89.06%</b>	<b>9.84%</b>	<b>63.93%</b>	<b>73.77%</b>

**Table 8: Independent Programs**

Entering Fall Class	First Fall Term	First Spring Term	Grads before 2nd Fall	Second Fall Term	Grads & Continuing 2nd Fall
<b>1996</b>	55	41 74.55%	0 0.00%	24 43.64%	24 43.64%
<b>1997</b>	50	40 80.00%	0 0.00%	30 60.00%	30 60.00%
<b>1998</b>	46	41 89.13%	0 0.00%	33 71.74%	33 71.74%
<b>1999</b>	43	37 86.05%	0 0.00%	25 58.14%	25 58.14%
<b>2000</b>	49	25 51.02%	0 0.00%	22 44.90%	22 44.90%
<b>2001</b>	39	28 71.79%	0 0.00%	23 58.97%	23 58.97%
<b>2002</b>	44	37 84.09%	0 0.00%	26 59.09%	26 59.09%
<b>2003</b>	50	40 80.00%	0 0.00%	28 56.00%	28 56.00%
<b>2004</b>	23	19 82.61%	0 0.00%	16 69.57%	16 69.57%
<b>2005</b>	38	30 78.95%	0 0.00%	24 63.16%	24 63.16%
<b>2006</b>	26	20 76.92%	0 0.00%	16 61.54%	16 61.54%
<b>2007</b>	35	30 85.71%	0 0.00%	23 65.71%	23 65.71%
<b>2008</b>	24	21 87.50%			
Weighted Average:		<b>82.19%</b>	<b>0.00%</b>	<b>62.21%</b>	<b>62.21%</b>

**Appendix A**

**Retention Rates For First-Time, Full-Time Undergraduate Transfer Students**

**By Department**

**Fall 2007 Cohort**

UNIT	DEPT	FIRST	RETURNED	GRADUATED	RETURNED	RETURNED	GRADUATED
		FALL	FIRST	BY SECOND	SECOND	FIRST	BY OR
		TERM	SPRING	FALL	FALL	SPRING	2ND FALL
		(n)	(n)	(n)	(n)	(%)	(%)
AN	AGRI	13	11	0	10	84.62	76.92
	HEC	14	14	0	14	100.00	100.00
	NURS	23	20	0	12	86.96	52.17
AN		50	45	0	36	90.00	72.00
AS	BIOL	27	20	0	15	74.07	55.56
	CAS	2	2	0	2	100.00	100.00
	CHEM	16	14	0	14	87.50	87.50
	CSC	9	9	0	9	100.00	100.00
	EASC	4	4	0	3	100.00	75.00
	ENG	10	7	1	5	70.00	60.00
	FL	3	2	0	1	66.67	33.33
	HIST	4	3	0	3	75.00	75.00
	MATH	4	3	0	3	75.00	75.00
	PHYS	3	3	0	3	100.00	100.00
	PSY	14	13	0	13	92.86	92.86
	SOCP	32	27	0	21	84.38	65.63
AS		128	107	1	92	83.59	72.66
BA	ACCT	3	3	0	3	100.00	100.00
	BBUS	61	55	0	47	90.16	77.05
	EFM	5	4	0	2	80.00	40.00
BA		69	62	0	52	89.86	75.36
ED	CI	227	210	0	194	92.51	85.46
	EXPW	8	8	0	6	100.00	75.00
	MUSA	13	12	0	11	92.31	84.62
ED		248	230	0	211	92.74	85.08

UNIT	DEPT	FIRST	RETURNED	GRADUATED	RETURNED	RETURNED	GRADUATED
		FALL	FIRST	BY SECOND	SECOND	FIRST	BY OR
		TERM	SPRING	FALL	FALL	SPRING	RETURNED
		(n)	(n)	(n)	(n)	(%)	2ND FALL
							(%)
EN	BE	7	3	0	3	42.86	42.86
	CEE	18	16	0	13	88.89	72.22
	CHE	7	7	0	7	100.00	100.00
	ECE	18	14	0	13	77.78	72.22
	ISE	1	1	0	1	100.00	100.00
	ME	23	23	0	20	100.00	86.96
	MIT	2	2	0	2	100.00	100.00
EN		76	66	0	59	86.84	77.63
IDS	IDS	14	13	4	8	92.86	85.71
IDS		14	13	4	8	92.86	85.71
IP	GECU	35	30	0	23	85.71	65.71
IP		35	30	0	23	85.71	65.71
UNIVERSITY		620	553	5	481	89.19	78.39

**Appendix B**

**Retention Rates For First-Time, Full-Time Undergraduate Transfer Students**

**By Department**

**Fall 2008 Cohort**

UNIT	DEPT	FIRST FALL TERM (n)	RETURNED FIRST SPRING (n)	RETURNED FIRST SPRING (%)
AN	AGRI	11	10	90.91
	HEC	6	6	100.00
	NURS	29	26	89.66
AN		46	42	91.30
AS	BIOL	26	24	92.31
	CAS	5	5	100.00
	CHEM	16	16	100.00
	CSC	12	11	91.67
	EASC	4	3	75.00
	ENG	9	7	77.78
	FL	2	2	100.00
	HIST	5	5	100.00
	MATH	3	3	100.00
	PHYS	3	3	100.00
	PSY	19	17	89.47
	SOCP	23	19	82.61
	AS		127	115
BA	ACCT	6	5	83.33
	BBUS	66	63	95.45
	DSM	3	2	66.67
	EFM	4	4	100.00
BA		79	74	93.67
ED	CI	218	215	98.62
	EXPW	16	15	93.75
	MUSA	12	9	75.00
ED		246	239	97.15

UNIT	DEPT	FIRST FALL TERM (n)	RETURNED FIRST SPRING (n)	RETURNED FIRST SPRING (%)
EN	BE	8	6	75.00
	CEE	24	23	95.83
	CHE	8	8	100.00
	ECE	25	25	100.00
	ISE	3	3	100.00
	ME	17	16	94.12
	MIT	7	7	100.00
EN		92	88	95.65
IP	GECU	11	10	90.91
	GEPL	2	2	100.00
	GHS	11	9	81.82
IP		24	21	87.50
IS	IDS	12	10	83.33
IS		12	10	83.33
UNIVERSITY		626	589	94.09