

# **Bridge to Excellence**

Year 9 Report

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## **Bridge to Excellence Retention Program Year 9 Administration**

For Year 9 (Fall 2009), the Bridge to Excellence (B2E) program was open to all first-time, full-time freshmen enrolling at Arkansas Tech University's main campus, just as it had been for the previous seven years. **Mike Bogue** served as B2E Program Coordinator; this is the seventh year Mr. Bogue has worked with B2E.

For Year 9, Retention Services used Form B of Noel-Levitz's online College Student Inventory (CSI), just as it had the previous year. The CSI is a standardized survey designed to gauge a student's self-perceived academic, financial, and social readiness for college.

The CSI was administered on a daily basis from May 18, 2009, through August 31, 2009. After freshmen registered for their fall classes in the Academic Advising Center in Bryan Hall, they took the CSI in Room 247 of the Doc Bryan Student Services Building.

## **Bridge to Excellence Retention Program Mission**

The B2E program's mission -- to help freshmen make a successful transition from high school (or work) to college -- remained the same. The program's continuing goals included:

- (1) increasing Arkansas Tech University's freshmen retention rate,
- (2) boosting freshmen participants' GPA's,
- (3) and improving Arkansas Tech University's graduation rates.

According to the 11<sup>th</sup> Class Day Report data for Spring 2010, the Fall 2009 freshman fall-to-spring retention rate was 84.68% -- this is almost 1.5 percentage points higher than the previous year's 85.00% retention rate, and it is also the highest Arkansas Tech main campus retention rate since 1993. It is logical to assume that since B2E targets freshmen, the program was an important contributing factor in raising Tech's fall-to-spring retention rates, which for the last three years have steadily risen.

In addition, Tech's main campus fall-to-fall retention rates have likewise increased. For the Fall 2008 freshman cohort, their fall-to-fall

retention rate was 71.03%, over three percentage points higher than the previous year's 67.91% rate. In fact, the Fall 2008 to Fall 2009 retention rate of 71.03% is the highest return rate Tech has seen since 1993.

### **Demographics**

For Year 9, B2E defined a program participant as a student who was a first-time, full-time freshman who both (1) took the CSI and (2) met at least one time with his or her assigned mentor during the fall semester. A non-participant was a student who did not meet with his or her mentor.

According to these definitions, 1,029 first-time, full-time freshmen participated in the program for Year 9. Since 1,472 first-time, full-time students entered Tech for the Fall 2009 semester, this meant that 443 new students did not participate.

The gender and ethnicity demographics of Year 9 B2E participants practically mirrored those of the Fall 2009 freshman class as a whole:

<b>FALL 2007</b>	<b>B2E FIRST-TIME, FULL-TIME FRESHMAN PARTICIPANTS</b>	<b>ALL ATU FIRST-TIME, FULL-TIME FRESHMEN</b>
<b>Female</b>	<b>50.6%</b>	<b>50.2%</b>
<b>Male</b>	<b>49.4%</b>	<b>49.8%</b>
<b>Black/African American</b>	<b>3.6%</b>	<b>4.6%</b>
<b>American Indian/Alaskan</b>	<b>1.8%</b>	<b>1.8%</b>
<b>Asian or Pacific Islander</b>	<b>1.6%</b>	<b>1.0%</b>
<b>Hispanic/Latino</b>	<b>4.0%</b>	<b>4.1%</b>
<b>White/Caucasian</b>	<b>87.2%</b>	<b>87.1%</b>
<b>Other or Non- Resident Alien</b>	<b>1.7%</b>	<b>1.4%</b>

## **Intervention**

For Year 9 of the B2E program, 140 mentors took part – 90 faculty and 50 staff. The definition of a mentor continued to be a faculty or staff volunteer who helps his or her assigned freshmen to successfully make the transition from high school (or work) to college.

Mentors helped their mentees understand and evaluate their CSI results and also acted as the campus contact person when a mentee had a question or concern; mentors offered mentees encouragement, advice, information, and feedback. The core of the program remained the same – a faculty or staff member establishing a relationship with his or her assigned students.

B2E Coordinator Mike Bogue assigned each first-time, full-time, main campus freshman to a faculty or staff mentor. For the fourth year in a row, all faculty mentors were assigned mentees whose majors either fell under the faculty mentor's department or, barring that, under the faculty mentor's academic college. Meanwhile, deciding students were primarily assigned to Student Services staff and non-Student Services staff.

Each mentor was given two CSI Student Reports for each of his or her mentees; the mentor would keep one, then give the other to the mentee during the first mentor/mentee meeting. Based on the student's responses, the CSI Student Report included three sections:

- Student Background Information.
- Motivational Assessment.
- Specific Recommendations.

The mentor could use this information as a springboard to identify and encourage student strengths. In addition, the CSI could be used to determine what (if any) college-related challenges the student might have or anticipate having. When appropriate, the mentor could then refer the student to any relevant campus support service(s) and schedule a follow-up meeting. (Campus support services include academic tutoring labs, administrative departments, clubs and organizations, etc.)

At mid-term, B2E Coordinator Mike Bogue supplied each mentor with his or her mentees' mid-term grades. Mentors were encouraged to use this information to follow-up with their mentees, cheering on those mentees who were doing well academically and offering assistance/advice to those mentees who were struggling academically. At the close of the semester, mentors were also supplied with each mentee's final grades.

## **General Conclusions**

***All Fall 2009 B2E participants and non-participants were main campus freshmen only.***

For Fall 2009 to Spring 2010, the retention rate for these main campus B2E participants (n=1,029) was higher than that for main campus non-participants (n=443).

According to the 11<sup>th</sup> Class Day Report data for Spring 2010, 90.48% of B2E partakers returned for the Spring 2010 semester, while only 77.20% of non-partakers came back. This means that the retention rate for B2E participants was 13.28% higher than that for non-participants.

For Fall 2008 to Fall 2009, the retention rate for these main campus B2E participants (n=890) was also higher than that for main campus non-participants (n=370). According to the 11<sup>th</sup> Class Day Report data for Fall 2009, 75.17% of B2E partakers returned for the Fall 2009 semester, while only 60.81% of non-partakers came back. This means that the retention rate for B2E participants was 14.36% higher than that for non-participants.

The GPA (Grade Point Average) of both groups was also impacted, with B2E participants having a higher average GPA than non-participants. At the end of the Fall 2009 semester, the cumulative GPA for B2E partakers was 2.919, as compared to the overall GPA of 2.269 for non-partakers. This means B2E participants had a fall GPA that was 0.650 higher than the fall GPA of non-participants.

## **Appendices**

- Appendix A contains the retention rate data for Years 1-9 of the program.
- However, Appendix B contains the retention rate data for Years 3-9 of the program (B2E was opened to all freshmen in Fall 2003).
- Appendix C contains the fall semester GPA data for Years 1-9.
- Next, Appendix D shows the Arkansas Tech retention rates for freshman cohorts from 2000 to 2009.
- Finally, Appendix E gives the Arkansas Tech graduation rates from 2000 to 2009.

## BRIDGE TO EXCELLENCE YEAR 9 REPORT

### Appendix A

#### ATU Freshman Cohort Retention Rates by B2E Program Year \*

Semester/ Year	Number of B2E Program Participants	B2E Participants' Retention Rate	Non- Participants' Retention Rate	Percentage Difference In favor of B2E
<b>FALL TO SPRING</b>				
Year 1 (2001)	105	89.52%	81.91%	<b>7.61%</b>
Year 2 (2002)	310	86.77%	79.53%	<b>7.24%</b>
Year 3 (2003)	751	90.01%	74.83%	<b>15.18%</b>
Year 4 (2004)	811	87.92%	70.10%	<b>17.82%</b>
Year 5 (2005)	855	88.07%	72.47%	<b>15.60%</b>
Year 6 (2006)	764	88.99%	72.07%	<b>16.92%</b>
Year 7 (2007)	885	89.15%	76.40%	<b>12.75%</b>
Year 8 (2008)	890	87.64%	78.65%	<b>8.99%</b>
Year 9 (2009)	1029	90.48%	77.20%	<b>13.28%</b>
	<b>AVERAGE:</b>	<b>88.73%</b>	<b>75.91%</b>	<b>12.82%</b>
<b>FALL TO FALL</b>				
Year 1 (2001)	105	82.86%	66.00%	<b>16.86%</b>
Year 2 (2002)	310	72.26%	63.60%	<b>8.66%</b>
Year 3 (2003)	751	76.83%	59.01%	<b>17.83%</b>
Year 4 (2004)	811	73.98%	53.20%	<b>20.78%</b>
Year 5 (2005)	855	74.04%	58.71%	<b>15.33%</b>
Year 6 (2006)	764	73.95%	54.85%	<b>19.10%</b>
Year 7 (2007)	885	73.11%	58.49%	<b>14.72%</b>
Year 8 (2008)	890	75.17%	60.81%	<b>14.36%</b>
	<b>AVERAGE:</b>	<b>75.28%</b>	<b>59.33%</b>	<b>15.96%</b>

\* Data from Arkansas Tech University Institutional Research.

## BRIDGE TO EXCELLENCE YEAR 8 REPORT

### Appendix B

#### ATU Freshman Cohort Retention Rates by B2E Program Year Since FULL IMPLEMENTATION (Fall 2003)\*

Semester/ Year	Number of B2E Program Participants	B2E Participants' Retention Rate	Non- Participants' Retention Rate	Percentage Difference In favor of B2E
Fall to Spring				
Year 3 (2003)	751	90.01%	74.83%	<b>15.18%</b>
Year 4 (2004)	811	87.92%	70.10%	<b>17.82%</b>
Year 5 (2005)	855	88.07%	72.47%	<b>15.60%</b>
Year 6 (2006)	764	88.99%	72.07%	<b>16.92%</b>
Year 7 (2007)	885	89.15%	76.40%	<b>12.75%</b>
Year 8 (2008)	890	87.64%	78.65%	<b>8.99%</b>
Year 9 (2009)	1029	90.48%	77.20%	<b>13.28%</b>
		<b>88.89%</b>	<b>AVERAGE:</b>	<b>14.36%</b>
Fall to Fall				
Year 3 (2003)	751	76.83%	59.01%	<b>17.82%</b>
Year 4 (2004)	811	73.98%	53.20%	<b>20.78%</b>
Year 5 (2005)	855	74.04%	58.71%	<b>15.33%</b>
Year 6 (2006)	764	73.95%	54.85%	<b>19.10%</b>
Year 7 (2007)	885	73.11%	58.39%	<b>14.72%</b>
Year 8 (2008)	890	75.17%	60.81%	<b>14.36%</b>
		<b>74.51%</b>	<b>AVERAGE:</b>	<b>17.02%</b>

\* Data from Arkansas Tech University Institutional Research. Fall 2001 and 2002 were B2E pilot studies. B2E was opened up to all freshmen beginning in Fall 2003.

## BRIDGE TO EXCELLENCE YEAR 8 REPORT

### Appendix C: ATU Freshman Cohort Grade Point Average (GPA) Comparison by B2E Program Year \*

\* Data from Arkansas Tech University Institutional Research.

Semester/Year	B2E Participants	Non-Participants	Difference
End of Fall (1st Semester)			
Year 1 (2001)	NA	NA	NA
Year 2 (2002)	2.886	2.379	<b>0.507</b>
Year 3 (2003)	2.872	2.321	<b>0.551</b>
Year 4 (2004)	2.780	2.323	<b>0.457</b>
Year 5 (2005)	2.810	2.388	<b>0.422</b>
Year 6 (2006)	2.875	2.240	<b>0.635</b>
Year 7 (2007)	2.746	2.181	<b>0.565</b>
Year 8 (2008)	2.878	2.293	<b>0.585</b>
Year 9 (2009)	2.919	2.269	<b>0.650</b>
<b>AVERAGE:</b>			<b>0.546</b>
End of Fall (2nd Semester)			
Year 1 (2001)	NA	NA	NA
Year 2 (2002)	2.888	2.510	<b>0.378</b>
Year 3 (2003)	2.885	2.371	<b>0.514</b>
Year 4 (2004)	2.769	2.395	<b>0.374</b>
Year 5 (2005)	2.827	2.541	<b>0.286</b>
Year 6 (2006)	2.877	2.439	<b>0.438</b>
<b>AVERAGE:</b>			<b>0.398</b>
End of Fall (3rd Semester)			
Year 1 (2001)	3.056	2.666	<b>0.390</b>
Year 2 (2002)	2.955	2.670	<b>0.285</b>
Year 3 (2003)	2.945	2.568	<b>0.377</b>
Year 4 (2004)	2.910	2.594	<b>0.316</b>
Year 5 (2005)	2.920	2.696	<b>0.224</b>
Year 6 (2006)	2.957	2.539	<b>0.418</b>
<b>AVERAGE:</b>			<b>0.335</b>

# BRIDGE TO EXCELLENCE YEAR 9 REPORT

## Appendix D

### ATU Freshmen Cohort Retention Rates 2001-2009\* (First-Time, Full-Time, Degree-Seeking)

\* Most recent data from Arkansas Tech University Institutional Research. Data excludes cohort students who graduated within 2-6 years.

Cohort Group (Total Number)	First Semester (Fall to Spring)	First Year (Fall to Fall)	Second Year (Fall to Fall)	Third Year (Fall to Fall)	Fourth Year (Fall to Fall)	Fifth Year (Fall to Fall)	Sixth Year (Fall to Fall)
2000 (1124)	81.23%	64.68%	52.85%	46.17%	24.73%	10.32%	6.23%
2001 (1205)	82.57%	67.47%	53.03%	46.80%	24.40%	10.37%	6.14%
2002 (1170)	81.45%	65.90%	53.42%	46.58%	22.82%	10.43%	4.53%
2003 (1339)	83.35%	69.01%	56.16%	49.96%	25.69%	10.08%	6.05%
2004 (1296)	81.25%	66.20%	51.54%	46.14%	24.77%	10.42%	
2005 (1320)	82.58%	68.64%	55.45%	48.71%	26.89%		
2006 (1300)	82.15%	66.08%	49.85%	45.85%			
2007 (1368)	84.65%	67.91%	52.41%				
2008 (1260)	85.00%	71.03%					
2009 (1472)	86.48%						



# BRIDGE TO EXCELLENCE YEAR 8 REPORT

## Appendix E

### ATU Freshmen Cohort

### Graduation Rates

2000-2009 \*

(First-Time, Full-Time, Degree-Seeking)

\* Most recent data from Arkansas Tech University Institutional Research.

Cohort Group (Total Number)	Graduated in 1 Year	Graduated in 2 Years	Graduated in 3 Years	Graduated in 4 Years	Graduated in 5 Years	Graduated in 6 Years	Eventually Graduated
2000 (1124)			0.36%	18.86%	32.03%	37.54%	42.53%
2001 (1205)			1.08%	19.92%	33.86%	38.09%	42.49%
2002 (1170)			0.60%	18.38%	31.97%	37.52%	40.85%
2003 (1339)		0.07%	0.97%	19.87%	35.55%	40.85%	41.37%
2004 (1296)		0.15%	0.69%	16.05%	31.17%		31.87%
2005 (1320)		0.08%	0.53%	19.85%			19.92%
2006 (1300)	0.08%	0.54%	1.62%				1.62%
2007 (1368)		0.15%					0.15%
2008 (1260)							
<b>2009 (1472)</b>							