

Actual Outcomes & Implications

Division of Business, Math and Sciences

The Division of Business, Math and Sciences supports the Mission of the College by being the "Gateway to Success" for our students, employers, and community.

Intended Outcome:

- 1 Student Success

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Performance Indicator:

1A Grade Distribution.

Performance Standard:

Each semester our individual programs within the Division will meet or exceed College grade distribution averages. Grades will be measured as passing (A, B, C), nonpassing (D, F), withdrawals (W), and Incompletes (I). Measuring Incompletes (I) and making adjustments to our grade distribution one year later will enable us to see how Incompletes affect our grade distribution rates after they have been resolved.

Actual Outcome:

Met performance standard except in Withdrawals.

For Fall 2002 our Average Course Grade was 2.53 with the total for all STCC courses being 2.46, so we exceeded the College average.

For Spring 2003 our our Average Course Grade was 2.46 with the total for all STCC courses being 2.43, so we exceeded the College average.

For Fall 2002 we had a 70% Passing rate with the total for all STCC courses being 69%, so we exceeded the College average.

For Spring 2003 we had a 67% Passing rate with the total for all STCC courses being 67%, so we met the College average.

For Fall 2002 we had a 16% Non-Passing rate with the total for all STCC courses being 20%, so we exceeded the College average.

For Spring 2003 we had a 19% Non-Passing rate with the total for all STCC courses being 21%, so we exceeded the College average.

For Fall 2002 we had a 14 % Withdrawal rate with the total for all STCC courses being 12%, so we did not meet or exceed the College average.

For Spring 2003 we had a 14% Withdrawal rate with the total for all STCC courses being 12%, so we did not meet or exceed the College average.

Implication for Next Year:

In studying our 2% higher Withdrawal rate than the College total, we noted that from Fall 2002 to Spring 2003 half of our programs were able to decrease their Withdrawal rates. The issues with programs that experienced higher than previous Withdrawal rates are being examined and the reasons for the increases will be addressed.

Our Incompletes account for 1.65% of our non-passing rates.

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Performance Indicator:

1B Transfer Success.

Performance Standard:

Students who leave STCC and transfer to a university will perform as well as the other institutions' own students in terms of GPA.

Actual Outcome:

Met standard in Fall 2002 with our graduates, but not for our students transferring without graduating.

We receive reports only on our students who transfer to The University of Texas at Pan American (UTPA). Referring to the OIRE report titled "Average GPA of 2001-2002 STCC Graduates Enrolled at UTPA Fall 2002," the STCC BMS graduates had a 2.52 average GPA at UTPA in Fall 2002 compared to a 2.46 average term GPA for all undergraduate UTPA students.

Referring to the OIRE report titled "Average GPA of 2001-2002 STCC Students Enrolled at UTPA Fall 2002," the BMS students who transferred without graduating from STCC had a fall 2002 GPA average term GPA of 2.35 while the average term GPA was 2.46 for all undergraduate UTPA students.

The STCC BMS Division Transfer Students' (majors who transferred without graduating from STCC) Term GPA at UTPA in Fall 2001 was 2.24 and 2.35 in Fall 2002 with all STCC transfer students' average term GPA being 2.49 and the UTPA average term undergraduate GPA being 2.46 Fall 2002.

Implication for Next Year:

Continue to meet the standard.

Re-write performance standard to compare only to UTPA.

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Performance Indicator:

1C Student Retention

Performance Standard:

The fall-to-fall retention rate will be 55% and will result in a 2% per year improvement for a 5-year period.

Actual Outcome:

We did not meet our standard.

The performance standard of a fall-to-fall retention rate of 55% with a 2% per year improvement was first included in the 2002-2003 IE Plan. Our retention was 53% in 1999, 52% in 2000, and 52% in 2001 (less graduates and concurrent enrollment students). The retention for 2002 is pending completion of 2003.

Implication for Next Year:

We have noted that 13% of our majors transfer without graduating. This would increase our retention rate by nearly 2% if these students were to graduate.

Identify the reasons and in what programs students are not being retained.

Continue to utilize reports from OIRE and OAR that identify students who are nearing graduation so degree plans and graduation applications can be completed.

Performance Indicator:

1D Graduation Rate

Performance Standard:

Graduation rate will increase by 10% over 2001-2002.

Actual Outcome:

We met the standard.

In 2001-2002 we had 296 graduates, which represented a 47.26% increase over the previous year.

Implication for Next Year:

Continue to meet the standard.

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Performance Indicator:

1E Common Assessment Program

Performance Standard:

Common Assessment program will be ongoing.

Actual Outcome:

Met the standard.

All Programs/Departments have a written ongoing common assessment program. The Division's Programs/Departments reviewed these written plans for any needed updating in July 2003.

Implication for Next Year:

Continue to meet standard.

Performance Indicator:

1F Graduate Placement Rate

Performance Standard:

A 95% placement rate will be achieved for all career programs.

Actual Outcome:

8/13/03 and 8/26/03--Unable to open link for report at this time.

Implication for Next Year:

Intended Outcome:

2 Access & Equity

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Performance Indicator:

2A Access to Emerging Careers

Performance Standard:

Form two new focus groups to review careers identified in the survey titled Evolving and Emerging Occupations in Texas to determine what is needed.

Actual Outcome:

Standard was met and exceeded.

We formed three new focus groups:

Information Security Specialization Focus Group.

Internet Development Specialization Focus Group.

Restaurant Management Specialization Focus Group.

Implication for Next Year:

Continue to meet standard.

Performance Indicator:

2B Access to programs that meet community needs

Performance Standard:

Two new specializations.

Actual Outcome:

Standard was met and exceeded.

We developed three new specializations during 2002-2003:

Development and approval of an AAS for an Information Security Specialization under the Business Computer Systems Program with classes offered Fall 2003.

Development and approval of an AAS for an Internet Development Specialization under the Business Computer Systems Program with classes offered Fall 2003.

Development and approval of an AAS for a Restaurant Management Specialization under the Culinary Arts Program with classes offered Fall 2003.

Implication for Next Year:

Continue to meet standard in accordance with College priorities for development of new specializations. Revise Performance Standard to include Certificates and Institutional Awards.

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Performance Indicator:

2C Access to Up-to-Date Curriculum

Performance Standard:

Review at least two existing programs or specializations annually.

Actual Outcome:

Standard was met and exceeded.

Advisory committees met for each specialization to review curriculum.

Implication for Next Year:

Continue to meet standard.

Performance Indicator:

2D Equitable access to Career Programs for Student Populations

Performance Standard:

Will conduct at least two new marketing campaigns.

Actual Outcome:

Standard was met and exceeded.

Conducted marketing campaigns for all our programs/departments using various types of media. This included some of the methods used in the past such as mass mailings, selective mailings, displays and promotional posters, newspaper ads, opportunities through College and Division events, flyers and brochures, interviews on local TV and radio stations, elementary school class visits to STCC campuses' science and computer labs through the Division's "Science Awareness" and "Kids Online" teaching programs, and visits by faculty to recruit students at high school career days. An innovative approach we used this year for the first time was the filming of fast paced 30-second ads produced for individual degrees that were run on cable television. This year funds from the AACC Excelsior Grant were used to conduct a marketing campaign promoting Information Technology degrees at STCC.

Implication for Next Year:

Continue to meet standard.

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Performance Indicator:

2E Access to full-time faculty.

Performance Standard:

Hire the necessary faculty so that 75% of classes will be taught by full-time faculty.

Actual Outcome:

Met and exceeded standard.

In fall 2002 we had 92.8% of our classes taught by full-time faculty. In spring 2003 we had 89.9% of our classes taught by full-time faculty.

Implication for Next Year:

Continue to meet standard.
