

## Actual Outcomes & Implications

### Division of Technology

The Division of Technology is committed to providing the people of our district with high quality technical programs meeting industry and community employment needs.

#### Intended Outcome:

##### 1 Student Success

#### Performance Indicator:

##### 1A High Quality Learning Opportunities

#### Performance Standard:

1) Curriculum improvement through regular program review and revision as indicated by program review documents. 2) Excellent and current instruction as indicated by program review and THECB site visit documents.

#### Actual Outcome:

1) The following programs underwent review by the College's Curriculum and Program Review Committee during Spring 2003:

Computer Aided Drafting and Design  
Diesel Technology  
Precision Manufacturing

With the exception of Precision Manufacturing, the programs received successful ratings.

The CADD Certificate received successful ratings, but the four new AAS CADD degrees were not reviewed since they were scheduled to begin Fall 2003.

Precision Manufacturing had a rating of Continue with Improvement because it did not meet goals for number of students enrolled and the number of students graduated. It will continue to be monitored to improve its enrollment and graduation numbers.

#### Implication for Next Year:

The ELCT and HVAC-R programs are scheduled for review next year.

PMTD will take action to improve its ratings as included in its IE Plan.

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. This indicator will not be included in the new IE Plan, as each Program at the College will undergo Program Review once every five years, and the schedule for the reviews is dictated by the Curriculum and Program Review Committee. Internal curriculum review is addressed in Performance Indicator 2C of the combined Business, Math, Science and Technology (BMST) IE Plan. Program improvement issues will be addressed in each individual program's IE Plan.

## Actual Outcomes & Implications

### Performance Indicator:

#### 1B Graduation

##### **Performance Standard:**

Each program in the division will graduate at least 15 students every three years.

##### **Actual Outcome:**

The standard was met by all the programs.

AUTO: 29 graduates

DISL: 21 graduates

CADD: 61 graduates

ELCT: 98 graduates

HVAC: 57 graduates

PMTD / ISMT: 26 graduates

##### **Implication for Next Year:**

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. This standard will be continued in 1D of the BMST Division IE Plan.

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## Actual Outcomes & Implications

### Performance Indicator:

#### 1C Graduate Placement

##### Performance Standard:

90.47% of the graduates in each program within the division will be employed or pursuing additional education within one year of graduation.

##### Actual Outcome:

Standard met for all except one program, ELCT. This year's ASALFUS figures do not include any adjustments by STCC, and do not necessarily reflect an accurate success rate of ELCT graduates. Next year's ASALFUS will contain more accurate data as OIRE is working to ensure that STCC has an opportunity to update the data for next year's report.

AUTO: 100%

HVAC: 94%

ISMT: 100%

DISL: 100%

CADD: 92%

PMTD: 100%

ELCT: 84%

##### Implication for Next Year:

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. This standard will be continued in the BMST Division IE Plan (1F) and will be changed to 90% to reflect the current Perkins and CB standard. Action Plan will be reviewed to strive to increase success rate for the program that does not meet the standard.

## Actual Outcomes & Implications

### Performance Indicator:

#### 1D Retention

**Performance Standard:**

Fall to Fall and Fall to Spring retention of students in technology programs will increase over prior year.

**Actual Outcome:**

Standard not met. There was a 1% decrease in the fall to fall retention rate.

Fall 01 to Fall 02 retention rate 47%

Fall 02 to Fall 03 retention rate 46%

There is no data available for fall to spring retention for technology students.

**Implication for Next Year:**

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. Fall to Fall retention standard will be continued in the BMST Division IE Plan (1C). Discuss means to impact the retention rate with Program Chairs and revise action plan.

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### Performance Indicator:

#### 1E Student Satisfaction

**Performance Standard:**

Greater than 85% of students responding to the ACT Student Opinion Survey will be satisfied with all categories related to the Division of Technology.

**Actual Outcome:**

Pending receipt of ACTSOS data.

**Implication for Next Year:**

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. This standard will be continued in the BMST Division IE Plan.

### Intended Outcome:

#### 2 Access & Equity

## Actual Outcomes & Implications

### Performance Indicator:

#### 2A Access to Courses

##### Performance Standard:

1) 95% of full-time students in the Technology Division will be able to develop a schedule enabling them to register for all classes in their recommended course sequence from their degree plan. A workable student schedule throughout the district in those programs offered at sites other than the CAAT will be facilitated. 2) Enrollment in Technology courses will increase. 3) The number of contracts with high schools for concurrent enrollment will increase.

##### Actual Outcome:

1) Technology students are able to develop a schedule enabling them to register for all classes in their degree plan. However, data is not available to demonstrate that a certain percentage are or are not able to do this.

2) Standard met.

Fall 2002 Technology enrollment: 707

Fall 2003 Technology enrollment: 812

3) Standard met.

The number of contracts with area high schools for concurrent enrollment/contract training increased by 1 additional school. We now have Sharyland, McAllen Memorial, McAllen, Hidalgo, Roma, Rio Grande and Edcouch - Elsa High Schools.

##### Implication for Next Year:

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. These standards will not be continued in the BMST Division IE Plan. Standard 1 is impossible to measure, and is currently being addressed in all programs. Both enrollment and the number of high schools participating in dual enrollment (dual enrollment has replaced contract enrollment) have steadily increased over the years and do not require monitoring in the Division's IE Plan.

## Actual Outcomes & Implications

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**Performance Indicator:****2B Equitable Learning Opportunities****Performance Standard:**

Programs offering courses at sites other than the CAAT will have adequate equipment on hand to enable the same level of instruction offered in that program at the CAAT.

**Actual Outcome:**

Standard met: Funds were made available through Carl Perkins and regular funds to purchase all needed equipment and materials to continue the level of instruction offered at the Technology Center (CAAT).

**Implication for Next Year:**

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. This standard will not be continued in the BMST Division IE Plan as it is difficult to measure as written.

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**Performance Indicator:****2C Access to Needed New Programs****Performance Standard:**

New programs in the division will be developed in accordance with the timelines developed by the PDC listing of new program development for the next 5 years

**Actual Outcome:**

Standard not met. Commercial Construction Technology Program was scheduled for approval this academic year, but has been tabled.

**Implication for Next Year:**

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. This standard will be covered in Performance Indicator 2A of the BMST Division IE Plan.

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## Actual Outcomes & Implications

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### Performance Indicator:

2D Access to Up-to-Date Learning Opportunities

**Performance Standard:**

Each program within the division has equipment designed to keep program instruction at current levels of technology for its industry.

**Actual Outcome:**

Standard met: Perkins funds, institutional funds and other funding sources were made available to obtain equipment for all programs in the division.

**Implication for Next Year:**

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. The spirit of this standard will be encompassed in 2C of the BMST Division IE Plan as it is difficult to measure as written.

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### Performance Indicator:

2E Access to Full-Time Faculty

**Performance Standard:**

1) Student: FT Faculty Ratio will decrease as compared to prior year. 2) FT Faculty teaching load will decrease.

**Actual Outcome:**

1) Standard met due to the hiring of 5 additional instructors: AUTO - 2, ELCT - 2, and CADD - 1. There was no need to hire for HVAC or PMTD.  
2) Standard met: Teaching loads decreased in all the programs.

**Implication for Next Year:**

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. 2E of the BMST Division IE Plan will address the full-time faculty issue.

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## Actual Outcomes & Implications

### Performance Indicator:

2F Access for Non-Traditional Gender

#### Performance Standard:

The percentage of male/female students enrolled in AND graduating from Technology programs leading to non-traditional occupations for their gender is 25% or improving at the rate of one percent per year until it reaches 25%.

#### Actual Outcome:

In Fall 2001, 58 females and 706 males were enrolled in Technology programs with females representing 8.2%.

In Fall 2002, 57 females and 650 males were enrolled in Technology programs with females representing 8.8% of the enrollees, a .6% increase over Fall of 2001.

In AY 2001-2002 there were a total of 86 graduates with females representing 8% of that number. There is no graduates by gender data for 2000-2001

#### Implication for Next Year:

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. This standard will be added to the BMST Division IE Plan.

### Intended Outcome:

4 Fiscal Responsibility

### Performance Indicator:

4A Space Utilization

#### Performance Standard:

The percent of space being used at the CAAT will be greater than or equal to the overall STCC percentage.

#### Actual Outcome:

There is no data available to assess this standard.

#### Implication for Next Year:

The Division of Technology and the Division of Business, Math and Sciences IE Plans will be combined beginning September 2003 as the two Divisions have merged. Due to the lack of data to assess this standard, it will not be continued in the BMST Division IE Plan.