Board of Trustees

Education and Workforce Development Committee Meeting

Thursday, May 14, 2015

3:00 p.m.

**Ann Richards Administration Building, Board Room
Pecan Campus
McAllen, Texas**

SOUTH TEXAS COLLEGE

In the Making!

South Texas College
Board of Trustees
Education and Workforce Development Committee
Ann Richards Administration Building, Board Room
Pecan Campus
Thursday, May 14, 2015
@ 3:00 p.m.
McAllen, Texas

AGENDA

"At anytime during the course of this meeting, the Board of Trustees may retire to Executive Session under Texas Government Code 551.071(2) to confer with its legal counsel on any subject matter on this agenda in which the duty of the attorney to the Board of Trustees under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with Chapter 551 of the Texas Government Code. Further, at anytime during the course of this meeting, the Board of Trustees may retire to Executive Session to deliberate on any subject slated for discussion at this meeting, as may be permitted under one or more of the exceptions to the Open Meetings Act set forth in Title 5, Subtitle A, Chapter 551, Subchapter D of the Texas Government Code."

Approval of Minutes for Monday, April 13, 2015 Committee Meeting

The Minutes for the Education and Workforce Development Committee meeting of April 13, 2015 are presented for Committee approval.

South Texas College
Board of Trustees
Education and Workforce Development Committee
Ann Richards Administration Building, Board Room
Pecan Campus
Monday, April 13, 2015
@ 3:30 p.m.
McAllen, Texas

MINUTES

The Education and Workforce Development Committee Meeting was held on Monday, April 13, 2015 in the Ann Richards Administration Building Board Room at the Pecan Campus in McAllen, Texas. The meeting commenced at 3:33 p.m. with Mrs. Graciela Farias presiding.

Members present: Mrs. Graciela Farias, Dr. Alejo Salinas, Jr., and Mr. Gary Gurwitz

Other Trustees present: Mr. Paul R. Rodriguez

Members absent: None

Also present: Dr. Shirley A. Reed, Dr. Anahid Petrosian, Dr. Ali Esmaeili, Mr. Mario Reyna, Mrs. Laura Boyer Sanchez, Ms. Sara M. Lozano, and Mr. Andrew Fish.

Approval of Minutes for Thursday, March 19, 2015 Committee Meeting

Upon a motion by Dr. Alejo Salinas, Jr. and a second by Mr. Gary Gurwitz, the Minutes for the Education and Workforce Development Committee meeting of March 19, 2015 were approved as written. The motion carried.

Presentation on March 26, 2015 Women in Technology Event

On March 26, 2015 South Texas College hosted the *8th Annual Women in Technology* event at the Technology Campus, an initiative to build the education and motivation of women to explore opportunities for careers in the various technology fields offered at South Texas College.

Dr. Anahid Petrosian introduced Mr. Mario Reyna, Dean of Business & Technology, and Ms. Sara M. Lozano, Assistant Professor of Computer Assisted Drafting & Design (CADD) Technology. Mr. Reyna reviewed the background of the *Women in Technology* event and its successes in motivating female students to consider and succeed in traditionally male-dominated fields in technological areas.

Ms. Lozano spoke as Chair of the committee that oversees this event and provided more detail about the great success of the 2015 *Women in Technology* event and the increase to the scope of the event over previous years, outreach to local partnerships, and plans for future *Women in Technology* events.

The *Women in Technology* annual event started in 2008 as "*Ladies in Technology Night*" and was designed to bring females from the community onto the Technology Campus to learn about the technological fields and careers they could pursue at South Texas College. This was borne out of recognition that female professionals were underrepresented in many high-skilled technical fields. The event provided students and prospective students with an opportunity to hear from and meet females in high-skilled technology professions and to encourage these women to consider a wide range of careers.

In 2015, the event was renamed to *Women in Technology*, and was expanded to a full day of work sessions, presentations, and opportunities, including day time breakout sessions specifically for three hundred high school students and evening sessions for the community at large.

Due to space and time limitations, only three hundred high school students from the school districts in Hidalgo and Starr County were able to participate. All area high schools were invited to send 25 students, and the first respondents up to the set capacity were accepted. Plans for subsequent years will include considerations to expand the capacity to serve additional participants. Additionally, sponsorships from the community will be sought to help support the addition of live entertainment and refreshments for attendees.

In addition to the daytime program that specifically served local high school students, there were evening sessions for the general community. Ms. Lozano reported that there were many high school students from the daytime session that brought their friends and families back to the evening to share the wonderful and inspiring programs.

Many local partners were brought on board to support the program, and showcases of our technology programs were provided to engage and encourage participants. Current students in these programs were on hand to provide a "Model your Career" fashion show, which comprised entirely of female South Texas College students participating in technical programs. These students represented their chosen field of study, carrying the tools of the trade and providing concrete examples of women pursuing, and succeeding, in high-skilled technical trades.

Dr. Vanessa Nelson, DNA Analyst with the Texas Department of Public Safety Crime Lab, was the keynote speaker, and Dr. Nelson also provided a break out session entitled *So You Want to be a Forensic Scientist.* Dr. Nelson was joined by several female members of her team in the Crime Lab, and they also hosted a Q&A session with attendees.

The March 2016 event was scheduled to be expanded to two full days, and coordinators are reaching out to community partners to develop further support for this expanded offering.

In addition to providing a review of the event and plans for the future, Mr. Reyna and Ms. Lozano shared the data on increased enrollment of female students in technical programs. Ms. Lozano shared that uniform standards are upheld for each program, and female students are achieving tremendous success competing on an equal basis with male colleagues in the same programs.

Presentation on Building a Pathway to the Baccalaureate Degrees

Dr. Anahid Petrosian, Vice President for Academic Affairs, introduced Dr. Ali Esmaeili, Dean of Math, Science, and Bachelor Programs, and Mrs. Laura Boyer Sanchez, Associate Dean of Curriculum and Student Learning. This team presented on the College's pathway to baccalaureate degrees.

Dual Enrollment
The "pathway to a baccalaureate degree" starts for many students with developmental education and dual enrollment opportunities to help students on the pathway toward a successful college career. South Texas College had the largest dual enrollment program in the State of Texas, serving 23 districts at 77 sites in Hidalgo and Starr counties. This included 26 Early College High Schools and 6 Academies, each of which provided opportunities for students to earn a certificate or associate's degree concurrently with their high school diploma. Over 12,500 high school students completed over 1,500 college course sections this semester.

Stackable Credentials
Stackable Credentials were designed to provide clear value for recipients and to directly build toward a subsequent credential. From the first earned credit through the completion of a bachelor degree, students were provided many opportunities to attain a new credential, each of which could help them compete for a new job or earn new opportunities with a current employer.

- Marketable Skills
- Certificates
- Associate's Degree
- Advanced Certificate

These credentials were designed to provide the students with marketable value in the regional work force, and the College worked closely with advisory committees and independent labor market research to keep the programs aligned with regional need. Additionally, the College worked with its school district partners to align credentials with high school endorsements as developed under state law.

Bachelor Programs
In April 2015, the College offered four baccalaureate degrees. In May 2015, the College anticipated it would have conferred 917 bachelor degrees since the beginning of these programs in 2005.

The Committee packet included additional details showing the demographics of bachelor degree program graduates, including information on prior developmental coursework by graduates, dual enrollment credits held by graduates, and current baccalaureate degree

graduates with stackable credentials. This data was compiled for the 802 baccalaureate degrees awarded thus far, and did not include the 115 expected graduates for May 2015.

These items were for the Committee's information and feedback to staff, and no action was requested.

Adjournment

There being no further business to discuss, the Education Workforce Development Committee Meeting of the South Texas College Board of Trustees adjourned at 4:00 p.m.

I certify that the foregoing are the true and correct Minutes of the April 13, 2015 Education and Workforce Development Committee of the South Texas College Board of Trustees.

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Mrs. Graciela Farias
Presiding

Review and Recommend Action to Offer One Semester Certificate: Voice and Data Technician

The Education and Workforce Development Committee is asked to recommend Board approval of the proposed new one semester Certificate for Voice and Data Technician.

The Electronic Systems Professional Alliance (ESPA) sets entry-level standards for Electronic Systems Technician (ESTs) industry certification, and this one semester certificate program is design to prepare students for that industry credential.

Students in this program will learn traditional telecommunications system such as telephony, broadband, and structured cabling systems and the latest telecommunications technologies including voice, data, and images to deliver telephony, internet, and video services across networks.

The one semester Certificate for Voice and Data Technician will be a stackable credential, and students completing this program will be able to apply all of the required coursework towards a one year Certificate and the Computer and Advanced Technologies Associate of Applied Science Degree.

The following pages contain:

- The Program Summary;
- Expected Enrollment;
- Occupational Needs in the region, state, and nation;
- Estimated Wages;
- Proposed Degree Plan; and
- South Texas College Program Evaluation Plan

Dr. Anahid Petrosian, Vice President for Academic Affairs and Laura Sanchez, Associate Dean of Curriculum and Student Learning, will review the proposed program with the Committee and respond to any questions.

The Education and Workforce Development Committee is asked to recommend Board approval of the proposed new one semester Certificate for Voice and Data Technician as presented.

One Semester Certificate – Voice and Data Technician

This one-semester certificate will provide students with the foundation skills in the telecommunication industry. The courses are aligned to the Electronic Systems Professional Alliance (ESPA) entry-level Electronic Systems Technicians (ESTs) industry certification. Students will learn traditional telecommunication systems such as telephony, broadband and structured cabling systems. Their studies will include the latest telecommunication technologies including voice, data and images to deliver telephony, Internet and video services to end users.

Students completing this program have the option to continue their education and apply all of the coursework towards a one year Certificate and the Computer and Advanced Technologies Associate of Applied Science Degree.

Expected Enrollment:

Years	2015 -2016	2016 -2017	2017 – 2018	2018 -2019	2019 -2020
# Of Students	7	10	13	15	18

Occupational Need:

- According to EMSI, Voice and Data Technician occupations should experience 23.6 % growth rate in the Lower Rio Grande Regional Area (Cameron, Hidalgo, Jim Hogg, Starr, Willacy, and Zapata counties) between 2015 and 2024. A total of 83 additional job openings are expected during this time period.

- According to EMSI, there were 184 total job postings for Voice and Data Technician occupations in January 2015, 28 of which were unique job postings, in the Lower Rio Grande Regional Area. This was higher than the Posting intensity for other occupations, indicating that companies may be trying harder to hire for these type of technicians.

- According to EMSI, Voice and Data Technician occupations should experience 12.7 % growth rate in the State of Texas between 2015 and 2024. A total of 2,467 job openings are expected during this time period.

- According to EMSI, Voice and Data Technician occupations should experience 12.2% growth rate nationally between 2015 and 2025. A total of 14,615 job openings are expected during this time period.

Estimated Wages:

- EMSI indicates that the most recent median hourly earnings Voice and Data Technician occupations in the South Texas Region (Cameron, Hidalgo, Starr, Zapata, Willacy, and Jim Hogg counties) were $20.28.

- EMSI indicates that the most recent median hourly earnings for Voice and Data Technician occupations in the State of Texas were $23.12.

- EMSI indicates that the most recent median hourly earnings for Voice and Data Technician occupations nationally were $26.32.

2015-2016

TSI EXEMPT

		LEC HRS	LAB HRS	EXT HRS	CONT HRS	CRED HRS
CETT 1409	DC/AC Circuits	3	4	0	112	4
CPMT 1443	Microcomputer Architecture	3	4	0	112	4
EECT 1403	Introduction to Telecommunications	3	3	0	96	4
EECT 1440	Telecommunications Transmission Media	3	4	0	112	4

Total Contact Hours: **432**

Total Credit Hours: **16**

South Texas College Program Evaluation Plan

Institutional Effectiveness

South Texas College identifies expected outcomes for every instructional program and administrative and educational support service, assesses whether or not these outcomes are achieved, and makes continuous improvements based on assessment data. The College commits to continuous improvement in achieving expected outcomes through its strategic planning process, including *2-year Institutional Effectiveness (IE) Plans* for every instructional, administrative or educational support unit in the College. An *Intuitional Effectiveness (IE) Plan* serves as a means to establish and assess expected outcomes for each program.

In addition, STC monitors and evaluates the and quality instructional degree and certificate programs through the Program Review Process, the assessment of Program Learning Outcomes for each degree, and assessment of *Core Objectives* for the General Education Core Curriculum.

Program Review

Instructional programs are subject to Program Review by peers through the Curriculum and Program Review Committee on a 4-year cycle. This Program Review assessment instrument evaluates program viability, effectiveness, and student achievement through a variety of outcomes including the *number of graduates, transfer rates, licensure/certification pass rates, graduate placement, program specific accreditations, faculty credentials, schedule distribution across campuses and times of day, participation in learning outcomes assessment and use of data to improve student learning, faculty professional development, and use of community advisory committees*. Program Review evaluation is conducted by a subcommittee of faculty members serving on the College Curriculum and Program Review Committee. Following the subcommittee's review, findings are presented first to the Curriculum and Program Review Committee for review and then to a subcommittee of the Planning and Development Committee (PDC), the college-wide committee charged with oversight for planning, plan implementation, and reporting. The subcommittee reviews ratings given by the faculty subcommittee and reports those rating to PDC along with any additional recommendations.

Program Learning Outcomes Assessment

A separate set of competency-based program learning outcomes had been developed for each instructional program at STC, in addition to the traditional historical student success measures in the IE Plans, such as course completion, graduation rate, and student retention. The program learning outcomes are assessed and data are collected and reported on a yearly basis. The Director for Student Learning Outcomes and Assessment, along with the College Wide Student Learning Outcomes and Assessment Instructional Team lead the systematic process across all programs allowing for significant critical amounts of dialogue among faculty members in order to develop a consistent structure for collecting and assessing data while allowing for the academic freedom of faculty members. Instructional programs utilize a variety of assessment methods, including embedded assessment, exit exams, exit interviews and portfolios to assess the program learning outcomes.

General Education Outcomes Assessment

South Texas College also assesses general education competencies in the General Education program known as the STC Core Curriculum. The general education competencies for the Core Curriculum are called the *Core Objectives* and were defined by the Texas Higher Education Coordinating Board. Measures to determine the extent to which *Core Objectives* are being achieved are assessed every semester. Data are collected and compiled by each department to evaluate the extent to which the *Core Objectives* are being met. Results from the assessments and changes recommended based upon the results by the department are submitted to the Director of Learning Outcomes and Assessment.

Presentation on Center for Mexican American Studies: *Ballet Folklórico*

Dr. Anahid Petrosian, Vice President for Academic Affairs, and Dr. Ety Bischoff, Dean of Liberal Arts and Social Sciences, will introduce Mr. Victor Gomez, Coordinator for the Center for Mexican American Studies. Mr. Gomez will present on the Center for Mexican American Studies (CMAS) and the Ballet Folklórico.

The CMAS was established in 2011, with the mission of increasing student completion, engagement, and exposure to research within a cultural program. Through lectures, programs, conferences, and community partnerships, students are exposed to Mexican culture.

Once such expression of culture takes the form of the Ballet Folklórico South Texas College. Since its establishment in Spring 2012, the Ballet Folklórico has offered a non-credit Continuing Education course and students have performed locally at festivals, parades, and other community events. The Ballet Folklórico has also represented South Texas College and the region to audiences in San Antonio, Austin, and New Orleans, LA.

Mr. Gomez will share further details of the CMAS and the Ballet Folklórico and how engagement in these programs strengthens students' academic performance and cultural development. Mr. Gomez will also describe the partnerships that have been developed, including Cultural Exchange Workshops with peer groups through Mexico.

This item is for the Committee's information and feedback to staff, and no action is requested.

South Texas College
Center for Mexican American Studies

Ballet Folklorico

Education & Workforce Development Committee
May 14, 2015

Dr. Ety Bischoff, Dean of Liberal Arts and Social Sciences Division
Victor Gomez, Coordinator for Center for Mexican American Studies

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Outline

❖ Background

❖ Center for Mexican American Studies

❖ Ballet Folklórico
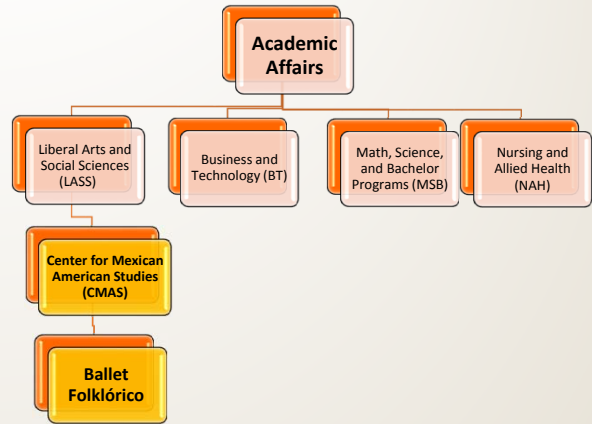
❖ Performance & Community Events

Background

The **Mission** of the Center for Mexican American Studies (CMAS) at South Texas College revolves around student **completion, engagement, and exposure to research.**

❖ Established in 2011

❖ Organizational Structure

❖ Provide students with opportunities to
  ❖ Expand cultural program
  ❖ Enhance academic experience

Academic Affairs

- Liberal Arts and Social Sciences (LASS)
- Business and Technology (BT)
- Math, Science, and Bachelor Programs (MSB)
- Nursing and Allied Health (NAH)

Center for Mexican American Studies (CMAS)

Ballet Folklórico

Center for Mexican American Studies

❖ Student & Faculty Engagement through events

  ❖ Lectures

  ❖ Cultural Programming

  ❖ Conferences

  ❖ Community Partnerships

Ballet Folklórico South Texas College

Conjunto Jaguar

13

2

Center for Mexican American Studies

CMAS Collaborates with various departments for the college events

- ❖ Annual Celebration of Hispanic Heritage Month
- ❖ **Ballet Folklórico South Texas College**
- ❖ Conjunto Jaguar
- ❖ Jovita Gonzales Women's History Month Lecture Series
- ❖ Mujeres Unidas sponsored event: "Walk A Mile in Her Shoes"
- ❖ Adelante! Motivational Lecture Series

"Walk A Mile in Her Shoes" Event

South Texas College Cultural Festival *Dia de los Muertos*

Ballet Folklórico South Texas College

- ❖ Background
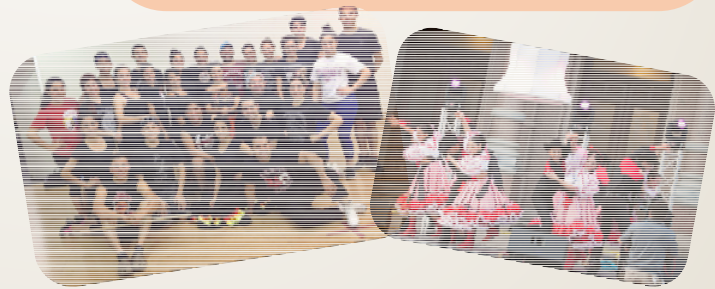- ❖ Activities & Community Outreach
- ❖ Performance & Community Events

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Background

The goal of **Ballet Folklórico South Texas**

❖ Enhance Hispanic student persistence & completion through strengthening cultural identity

❖ Offer students the opportunity to learn about traditional aspects of dances and music across México

❖ Established in Spring 2012 by **Center for Mexican American Studies**.

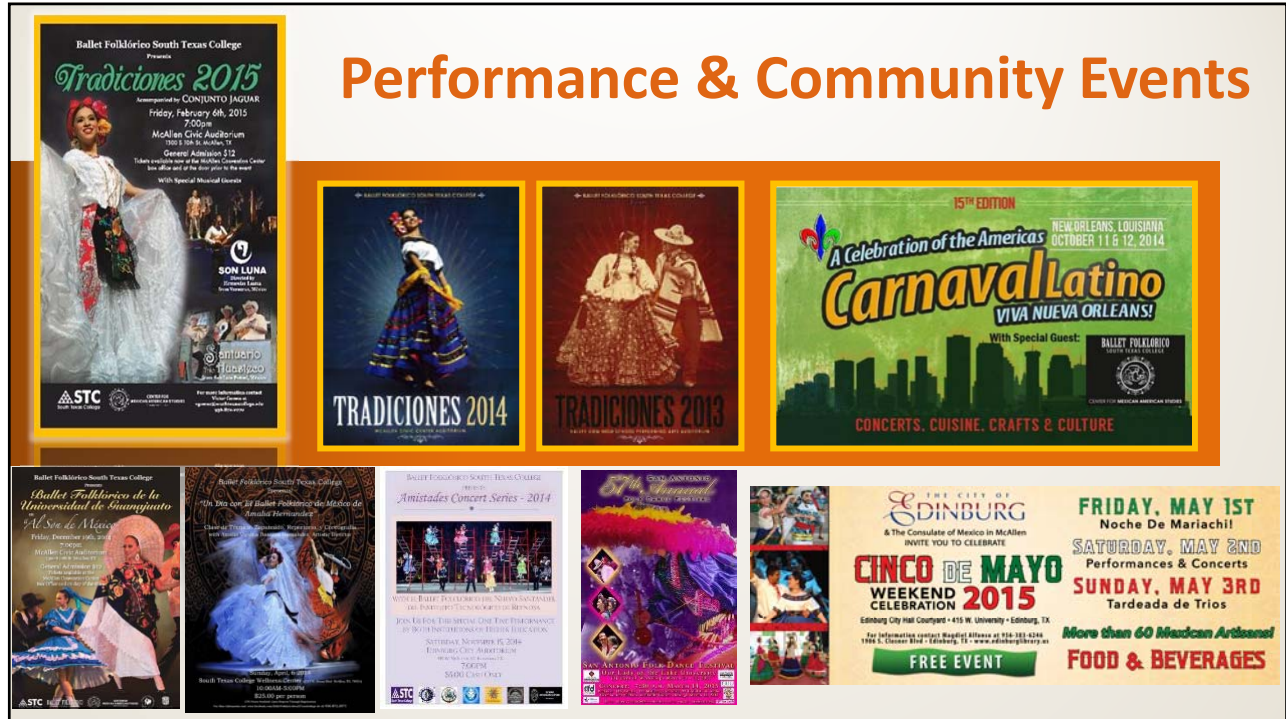❖ Non-credit Continuing Education Course Ballet Folklórico IV (Performing Level)

Ballet Folklórico South Texas College

❖ Student perform in various community functions
- ❖ Festivals
- ❖ Parades
- ❖ Community and holiday festivals

❖ Local and statewide performances
- ❖ Austin
- ❖ San Antonio
- ❖ New Orleans

❖ Host annual concert series, *Tradiciones,* with Conjunto Jaguar, STC's official Conjunto, and other musical guests

Performance & Community Events

Establishing partnerships
Cultural Exchanges with Higher Education Institutions in Mexico

❖ **Cultural Exchange Workshops**
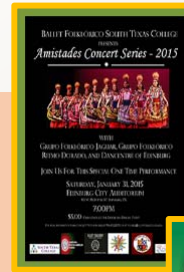
    ❖ Ballet Folklórico de la **Universidad de Guanajuato**

    ❖ Ballet Folklórico del **Nuevo Santander del Tecnológico de Reynosa**

    ❖ **Instituto Superior** de Artes Escénicas Nandehuí

    ❖ **Academia de la Danza** Amalia Hernandez

    ❖ Ballet Folklórico de Veracruz, Mexico

Members of Ballet Folklórico South Texas College pose at the historic Pípila monument which oversees most of Guanajuato.

Performance & Community Events 2015

- ❖ Amistades Concert Series
- ❖ Tradiciones 2015
- ❖ Tradiciones – San Antonio
- ❖ San Antonio Folk Dance Festival
- ❖ Competencia Folklórica del Colegio del Sur de Tejas 2015
- ❖ Tradiciones 2015-Guanajuato – April 2015
- ❖ **Cinco de Mayo Weekend Celebration - The City of Edinburg & The Consulate of Mexico** - May 2, 2015
- ❖ **Cultural Exchange Workshops** - June 2015
- ❖ **Amistades Concert Series** – November 14, 2015
- ❖ **Son Luna Jóvenes Zapateadores** - December 2015

http://www.southtexascollege.edu/folklorico

Thank you for your Support!

Event Coming soon!
http://youtu.be/BuvBpP3c7Fs