

South Texas College
Board of Trustees
Education and Workforce Development Committee
Ann Richards Administration Building, Board Room
Pecan Campus
Thursday, November 13, 2014
@ 3:30 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.”

- I. Approval of Minutes for Tuesday, October 14, 2014 Committee Meeting.. 1 – 4
- II. Review and Recommend Action on Approval to Develop an Associate of Applied Science Degree in Welding Technology Program..... 5 - 10
- III. Review and Recommend Action on the Approval of New Proposed Advanced Technical Certificate in Diagnostic Medical Sonography..... 11 - 19
- IV. Report on the Mission Economic Development Authority Scholarship Fund 20 - 39

Approval of Minutes for October 14th, 2014 Committee Meeting

The Minutes for the Education and Workforce Development Committee meeting of October 14th, 2014 are presented for Committee approval.

**South Texas College
Board of Trustees
Education and Workforce Development Committee
Ann Richards Administration Building, Board Room
Pecan Campus
Tuesday, October 14, 2014
@ 3:30 p.m.
McAllen, Texas**

MINUTES

The Education and Workforce Development Committee Meeting was held on Tuesday, October 14, 2014 in the Ann Richards Administration Building Board Room at the Pecan Campus in McAllen, Texas. The meeting commenced at 3:40 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 and Ms. Rose Benavidez

Members absent: None

Also present: Dr. Shirley A. Reed, Dr. Anahid Petrosian, Dr. Ali Esmaeili, Ms. Delia Magdaleno, Ms. Lee Grimes, and Mr. Andrew Fish.

Approval of Minutes for September 11th, 2014 Committee Meeting

Upon a motion by Mr. Gary Gurwitz and a second by Mrs. Graciela Farias, Minutes for the Education and Workforce Development Committee meeting of September 11th, 2014 were approved as written. The motion carried.

Review and Presentation on the Study Abroad Program at South Texas College

Dr. Anahid Petrosian, Vice President for Academic Affairs, introduce Dr. Ali Esmaeili, Dean for Math, Science, Bachelor Programs, and University Relations. Dr. Esmaeili introduced Ms. Delia Magdaleno, Chair of the World Languages Department, Coordinator for the Study Abroad Program for the University Relations department.

Ms. Magdaleno provided the Committee with a review of the Summer 2014 Study Abroad Program, which included a student trip to Seville, Spain.

This presentation included a review over:

- the Summer 2014 Study Abroad Program,
- Study Abroad Program Curriculum
- an overview of the student experiences provided in these programs, and
- a look ahead at the plans for Summer 2015.

Study Abroad Program provide excellent opportunities for students to earn college credit while experiencing international locales that highlight the artistic, literary and historical significance of related cultures.

The 2014 STC Study Abroad Program in Seville, Spain was available for a package cost of \$4,100 per student. The fifteen day program included excursions to Seville, Granada, Córdoba, and Madrid. The package included airfare, lodging, meals, medical insurance, tuition and fees for one course (students could elect to take one additional course), and excursions. Students were individually responsible for their full costs, and payment plans were offered to help students meet this responsibility.

Curriculum for the courses taught as part of the Study Abroad Program was tied to the same course objectives as those taught traditionally. Students were held to the same rigor, and between two weeks abroad and two further weeks at the College upon their return, they were required to fully complete course requirements before credits were awarded.

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

Review and Presentation on the US Department of Education Grant “STC In FOCUS – Focus on Creating Ultimate Student Success”

Dr. Anahid Petrosian, Vice President for Academic Affairs, introduced Ms. Lee Grimes, Associate Dean of Professional and Organizational Development to present on the “STC In Focus – Focus on Creating Ultimate Student Success” Grant from the US Department of Education.

This grant was issued under the “Hispanic Serving Institutions” Title V Grant program, and would help South Texas College further develop and implement programs to provide greater access and student success in this region. The grant would be disbursed over five years, and would total approximately \$2.5 million over that period.

The grant would fund the development of Active Learning Classrooms, including the FOCUS Academy preparation to help faculty best use this innovative strategy to increase student participation and success. It would also provide for furniture and technology to enhance the Active Learning Classroom experience for students.

The grant would also fund strategic improvements to the faculty advising program, including the hiring of a Faculty Advising Coordinator and the development and implementation of a new Faculty Advising Program.

The third aspect of the grant was the development of new technology infrastructure to help broadcast face-to-face classes online and campus-to-campus. This will help students at the Starr County Campuses access the Nursing & Allied Health programs without the need for a regular commute.

Ms. Grimes provided detail on each of the programs supported by this FOCUS Grant, and responded to questions and comments on this exciting opportunity to provide innovative opportunities for the College's students.

This presentation was for the Committee's information and feedback, 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 4:32 p.m.

I certify that the foregoing are the true and correct minutes of the October 14, 2014 Education and Workforce Development Committee of the South Texas College Board of Trustees.

Mrs. Graciela Farias
Chair

Review and Recommend Action on Approval to Develop an Associate of Applied Science Degree in Welding Technology Program

The Education and Workforce Development Committee is asked to recommend Board approval to develop an Associate of Applied Science Degree in Welding Technology Program.

Students will learn welding skills, including basic metallurgy and inspection procedures, appropriate for a career in manufacturing, ship building, oil refinement and processing, nuclear and wind energy, aerospace, and motorsports industries.

The following pages contain the Program Development Brief, which includes:

- Program Summary;
- Program Demand;
- Admission Requirements;
- Marketing Plan;
- Retention Plan;
- Graduation Plan; and
- Resources Required for Program Operation.

The program operating and instructional costs have been estimated, and are provided after the Program Development Brief.

Dr. Anahid Petrosian, Vice President for Academic Affairs and Laura Talbot, Director of Curriculum and Student Learning, will review the proposed new program and the development process with the Committee and will respond to questions.

The Education and Workforce Development Committee is asked to recommend Board approval to develop the proposed new Associate of Applied Science Degree in Welding Technology Program as presented.

**Program Development Brief
Welding Technology
Associate in Applied Science Degree**

1. Program Summary:

- Proposed Award: Welding Technology Associate of Applied Science (AAS)
- Program Objective: The Associate of Applied Science degree in Welding Technology is designed to prepare students for a career as a welding technician in the fabrication, construction and manufacturing industries. Advanced welding skills are integrated and students are also exposed to basic metallurgy and inspection procedures. Graduates of the Welding Technology AAS degree can anticipate remarkable career opportunities in manufacturing, ship building, oil refinement and processing, nuclear and wind energy, aerospace, and motorsports industries.
- Program Location: Technology Campus

2. Program Demand:

- **Documentation of Workforce Demand for the Program:**
 - a. According to *Economic Modeling Specialists, Inc.*, which utilizes data from the Texas Workforce Commission, welders, cutters, solderers and brazers should experience a 13.3% growth between 2014 and 2024 in the South Texas Region (Cameron, Hidalgo, Jim Hogg, Starr, Willacy, and Zapata counties). A total of 175 job openings are expected during this time period.
 - b. According to *Economic Modeling Specialists, Inc.*, welders, cutters, solderers, and brazers should experience a 15.4% growth between 2014 and 2024 in State of Texas. A total of 7,067 job openings are expected during this time period.
 - c. According to *Economic Modeling Specialists, Inc.*, welders, cutters, solderers, and brazers should experience a 9.9% growth between 2014 and 2024 nationally.
 - d. According to the U.S. Department of Labor, *Occupational Outlook Handbook*, employment of welders, cutters, solderers and brazers are expected to grow by 6% over the 2012-2022 decade. The Occupational Outlook Handbook states that “...skilled welders with up-to-date training should have good job opportunities.”

- **Entry-Level Salaries:**
 - a. According to the *Economic Modeling Specialist Occupation, Inc.*, the median hourly earnings wage for welders, cutters, solderers and brazers is \$14.39 in South Texas Region.
 - b. According to the *Economic Modeling Specialist Occupation, Inc.*, the median hourly earnings wage for welders, cutters, solderers and brazers is \$17.03 in State.
 - c. According to the *Economic Modeling Specialist Occupation, Inc.*, the median hourly earnings wage for welders, cutters, solderers and brazers is \$17.45 nationally.
 - d. According to the U. S. Department of Labor, *Occupational Outlook Handbook*, in May 2012 the Median annual earnings for welders, cutters, solderers and brazers were \$36,300 nationally.

- **Existing Programs:**
 - a. Del Mar Community College (which is approximately 150 miles from McAllen) offers Welding Technology Associate Degree Program.
 - b. TSTC Harlingen (which is approximately 45 miles from McAllen) offers a Welding Technology Associate Degree.

- **Expected Enrollment** – A moderate estimate of initial enrollment for the Welding Technology Associate Degree program is 15 students in the first year, and an approximate average of 44-50 students for the fourth and the fifth year. Continual growth in enrollment is expected as this degree is advertised to prospective students and currently enrolled Welding Certificate students.

Years	2015-2016	2016-2017	2017-2018	2018-2019	2019-2010
1 st Year	15	20	24	26	30
2 nd Year	0	8	16	18	20
Total	15	28	40	44	50

3. **Admission Requirements:** The admissions requirements for this program would follow the South Texas College catalog and would be open to any person desiring to enter a career in Welding.

4. **Marketing Plan:** The Welding Technology Associate of Applied Science degree will be marketed to current Certificate students and new students with an interest in the occupation. Target groups would be high school students, non declared majors, undecided majors, Texas Workforce Commission, and community individuals. The marketing plan will include TV commercials, newspaper ads, college newsletter, flyers, banners, etc.

5. **Retention Plan:** STC will work closely with the Program Advisory Committee to develop retention strategies that align with the needs.
6. **Graduation Plan:** The goal is to have at least 90% of students selected to participate in the program complete on time. Class size will be evaluated each year and increased according to availability of faculty, and graduate placement rate. New students will be assigned to a specialized faculty advisor to prepare their degree plans to ensure a successful graduation rate.
7. **Resources Required for Program Operation**

Faculty – Existing qualified faculty in the Division of Business and Technology could be used to teach Welding Technology courses. Currently, several full-time faculty members and Adjunct faculty are teaching the Welding Certificate courses.

Facilities – Existing welding classrooms and laboratories at the Technology Campus can be utilized to emphasize industrialized training; such as mastering the welding of different joint designs with fillet and groove welds in all positions on plate and pipe, and plan, design, fabricate, and weld projects using blueprint reading and layout skills.

Equipment – Existing welding equipment is sufficient to begin the AAS degree. As enrollment increases, additional welding working stations will be required to keep up with program growth.

Five Year New Costs: Total new costs for the first five years of the program are projected to be \$178,704.00. Sources of funds to cover the costs are projected to include \$114,840.00 from tuition, and \$80,640.00 from state appropriations for total revenue of \$195,480.00. See attached specific budget details.

Operating Costs and Revenue Projections Welding Technology AAS

ESTIMATED COSTS BY YEAR FOR NEW WELDING TECHNOLOGY PROGRAM						
CATEGORY	INITIAL COST	BUDGET 2ND YEAR	BUDGET 3RD YEAR	BUDGET 4TH YEAR	BUDGET 5TH YEAR	TOTAL BUDGET
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020
Faculty Salaries and Benefits	\$10,752.00	\$16,128.00	\$18,816.00	\$21,504.00	\$21,504.00	\$88,704.00
Supplies and Materials (Operating)	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$7,500.00
Library Resources	\$500.00	\$0.00	\$500.00	\$0.00	\$500.00	\$1,500.00
Equipment and Software (Capital)	\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,000.00
Facilities (Furniture) (Operating)	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000.00
Faculty Professional Development/(Travel)	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$5,000.00
Subtotal - Instructional & Operating Budget	\$89,752.00	\$18,628.00	\$21,816.00	\$24,004.00	\$24,504.00	\$178,704.00
Total Budget Per Year	\$89,752.00	\$18,628.00	\$21,816.00	\$24,004.00	\$24,504.00	\$178,704.00

REVENUE PROJECTIONS BY YEAR FOR WELDING TECHNOLOGY PROGRAM						
CATEGORY						TOTAL
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2015-2020
State Appropriations	\$0.00	\$0.00	\$24,192.00	\$24,192.00	\$32,256.00	\$80,640.00
Tuition	\$13,920.00	\$20,880.00	\$24,360.00	\$27,840.00	\$27,840.00	\$114,840.00
TOTAL REVENUE	\$13,920.00	\$20,880.00	\$48,552.00	\$52,032.00	\$60,096.00	\$195,480.00

Instructional Costs and Projected Revenue for Welding Technology AAS

Faculty Salary & Benefits	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
LHE Rate	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00	\$ 480.00
# of LHE's per Course	5	5	5	5	5
Subtotal	\$ 2,400.00	\$ 2,400.00	\$ 2,400.00	\$ 2,400.00	\$ 2,400.00
# of Sections Taught by Adjunct	4	6	7	8	8
# of Sections Taught by F/T	0	0	0	0	0
Adjunct Salary	\$ 9,600.00	\$ 14,400.00	\$ 16,800.00	\$ 19,200.00	\$ 19,200.00
Multiplied by Benefits Rate	1.12	1.12	1.12	1.12	1.12
Total Salary for Adjunct	\$ 10,752.00	\$ 16,128.00	\$ 18,816.00	\$ 21,504.00	\$ 21,504.00
F/T Faculty @ \$38,000	\$0	\$0	\$0	\$0	\$0
Benefit Rate (F/T Salary X 29.5%=10640.00)	\$0	\$0	\$0	\$0	\$0
Cost for Faculty Salary/Benefits	\$ 10,752.00	\$ 16,128.00	\$ 18,816.00	\$ 21,504.00	\$ 21,504.00
Projected Revenue	Year 1	Year 2	Year 3	Year 4	Year 5
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
State Appropriations *					
# of Sections	4	6	7	8	8
# of Students per Section	15	15	15	15	15
Total # of Students per Year	60	90	105	120	120
# of Contact Hours per Student	96	96	96	96	96
Total Contact Hours	5760	8640	10080	11520	11520
Multiplied by State Funding Rate (\$2.80)	\$ 2.80	\$ 2.80	\$ 2.80	\$ 2.80	\$ 2.80
State Appropriations Generated	\$ 16,128.00	\$ 24,192.00	\$ 28,224.00	\$ 32,256.00	\$ 32,256.00
State Appropriations Received	\$ -	\$ -	\$ 24,192.00	\$ 24,192.00	\$ 32,256.00
* State Appropriations funding is based upon enrollment from previous biennium					
Tuition	Year 1	Year 2	Year 3	Year 4	Year 5
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Enrollment # Projected	60	90	105	120	120
Tuition Rate per Credit Hour	\$ 58.00	\$ 58.00	\$ 58.00	\$ 58.00	\$ 58.00
Subtotal	\$ 3,480.00	\$ 5,220.00	\$ 6,090.00	\$ 6,960.00	\$ 6,960.00
# of Credit Hours per Course	4	4	4	4	4
Total Tuition	\$ 13,920.00	\$ 20,880.00	\$ 24,360.00	\$ 27,840.00	\$ 27,840.00

Review and Recommend Action on the Approval of New Proposed Advanced Technical Certificate in Diagnostic Medical Sonography

The Education and Workforce Development Committee is asked to recommend Board approval of the proposed new Advanced Technical Certificate in Diagnostic Medical Sonography program.

Advanced Technical Certificates

Advanced Technical Certificates are workforce education programs designed to provide advanced training to a student who already holds an associate or baccalaureate degree. It must be focused and clearly related to the prerequisite degree, and must meet industry or other external agency requirements.

South Texas College has developed its first proposed Advanced Technical Certificate Program, and administration requests the recommendation of the Education and Workforce Development Committee for Board approval to implement the program as described below.

Advanced Technical Certificate in Diagnostic Medical Sonography

This advanced technical certificate is designed to offer further specialization to students who already hold an Associate Degree in Radiologic Technology and are pursuing further career advancement in that allied health field.

This program is an extension of the current Radiologic Technology Program offered by South Texas College, and as such will require students to hold an Associate of Applied Science Degree in Radiologic Technology and current certification through the American Registry of Radiologic Technologist.

Students will learn the fundamentals of ultrasound physics and instrumentation and will receive clinical and practicum training to apply learned concepts in various medical facilities. Upon completion, students will receive an Advanced Technical Certificate in Diagnostic Medical Sonography.

The following pages contain:

- The Program Summaries;
- Expected Enrollment;
- Occupational Needs in the region, state, and nation;
- Estimated Wages;
- Proposed Degree Plan;
- Course Descriptions; and
- Overview of Advanced Technical Certificates.

Dr. Anahid Petrosian, Vice President for Academic Affairs and Laura Talbot, Director 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 Advanced Technical Certificate in Diagnostic Medical Sonography program as presented.

Diagnostic Medical Sonography – Advanced Technical Certificate

This program is an extension of the South Texas College Radiologic Technology Program. As such, the selective admission requirements for entrance into the program will include an Associate of Applied Science (AAS) Degree in Radiologic Technology and current certification as a registered technologist by the American Registry of Radiologic Technologist (ARRT). Students in this certificate program will learn the fundamentals of ultrasound physics and instrumentation along with cross-sectional anatomy and pathophysiology in the following areas: abdomen, pelvis, obstetrics (OB), high risk OB, gynecology (GYN), superficial structures, and the use of doppler imaging. The students will also learn the importance of patient care and the legal considerations associated with sonographic imaging. Throughout the clinical and practicum aspect of the program, students will train in various medical facilities with experienced sonographers where they will have the opportunity to apply learned concepts in the clinical environment. Upon completion of the program, students will receive an Advanced Technical Certificate in Diagnostic Medical Sonography and will be competent to challenge the American Registry for Diagnostic Medical Sonography (ARDMS) national examination.

Expected Enrollment:

Years	2015-2016	2016-2017	2017-2018	2018-2019	2019-2010
# of Students	10	10	10	10	10

Occupational Need:

- According to EMSI, Diagnostic Medical Sonographers should experience 54.3 % growth rate in the South Texas Region (Cameron, Hidalgo, Jim Hogg, Starr, Willacy, and Zapata counties) between 2014 and 2024. A total of 76 job openings are expected during this time period. EMSI reports 4 average month job postings for this occupation in the region.
- According to EMSI, Diagnostic Medical Sonographers should experience 44.4 % growth rate in the State of Texas between 2014 and 2024. A total of 2,113 job openings are expected during this time period.
- According to EMSI, Diagnostic Medical Sonographers should experience 33.9% growth rate nationally between 2014 and 2024. A total of 20,892 job openings are expected during this time period.

Estimated Wages:

- EMSI indicates that the most recent median hourly earnings for Diagnostic Medical Sonographers in the South Texas Region (Cameron, Hidalgo, Starr, Zapata, Willacy, and Jim Hogg counties) were \$30.39.
- EMSI indicates that the most recent median hourly earnings for Diagnostic Medical Sonographers in the State of Texas were \$31.20.
- EMSI indicates that the most recent median hourly earnings for Diagnostic Medical Sonographers nationally were \$31.66.

PROPOSED DEGREE PLAN

			Lec	Lab	Ext	Cont	Credit
			Hrs	Hrs	Hrs	Hrs	Hrs
FIRST YEAR							
<i>Spring Semester</i>							
DMSO	1210	Introduction to Sonography	2	0	0	32	2
DMSO	1302	Basic Ultrasound Physics	3	1	0	64	3
DMSO	1405	Sonography of Abdominopelvic Cavity	3	3	0	96	4
DMSO	2405	Sonography of Obstetrics/Gynecology	<u>3</u>	<u>4</u>	<u>0</u>	<u>112</u>	<u>4</u>
Totals:			11	8	0	304	13
 <i>Summer I Semester</i>							
DMSO	1260	Clinical	0	0	7	112	2
DMSO	2351	Doppler Physics	<u>2</u>	<u>2</u>	<u>0</u>	<u>64</u>	<u>3</u>
Totals:			2	3	8	176	5
 <i>Summer II Session</i>							
DMSO	1166	Practicum I	0	0	7	112	1
DMSO	2353	Sonography of Superficial Structures	<u>2</u>	<u>2</u>	<u>0</u>	<u>64</u>	<u>3</u>
Totals:			2	3	8	176	4
 <i>Fall Semester</i>							
DMSO	1367	Practicum II	0	0	28	448	3
DMSO	1342	Intermediate Ultrasound Physics	3	1	0	64	3
DMSO	2441	Sonography of Abdominopelvic Pathology	<u>3</u>	<u>3</u>	<u>0</u>	<u>96</u>	<u>4</u>
Totals:			6	4	28	608	10
 SECOND YEAR							
<i>Spring Semester</i>							
DMSO	2366	Practicum III	0	0	28	448	3
DMSO	2342	Sonography of High Risk Obstetrics	3	1	0	64	3
DMSO	2343	Adv. Ultrasound Principles & Instrumentation	<u>3</u>	<u>1</u>	<u>0</u>	<u>64</u>	<u>3</u>
Totals:			6	2	28	576	9
 <i>Summer I Session</i>							
DMSO	2167	Practicum IV	0	0	7	112	1
DMSO	2357	Adv. Ultrasound Professionalism and Registry Review	<u>2</u>	<u>3</u>	<u>0</u>	<u>80</u>	<u>3</u>
Totals:			2	3	7	192	4
 Total Contact Hours:			2032				
Total Credits Hours:			45				

Diagnostic Medical Sonography Course Descriptions

DMSO 1210 Introduction to Sonography

CRT HRS: 02 LEC HRS: 02 LAB HRS: 00

This course is an introduction to the profession of sonography and the role of the sonographer. Emphasis is on medical terminology, ethical/legal aspects, written and verbal communication, and professional issues relating to registry, accreditation, professional organizations and history of the profession.

DMSO 1302 Basic Ultrasound Physics

CRT HRS: 03 LEC HRS: 03 LAB HRS: 01

This course is about the basic acoustical physics and acoustical waves in human tissue. Emphasis is on ultrasound transmission in soft tissues, attenuation of sound energy, parameters affecting sound transmission and resolution of sound beams.

DMSO 1405 Sonography of Abdominopelvic Cavity

CRT HRS: 04 LEC HRS: 03 LAB HRS: 03

This course includes an overview of the normal and pelvic structures as related to scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols.

DMSO 2405 Sonography of Obstetrics/Gynecology

CRT HRS: 04 LEC HRS: 03 LAB HRS: 04

This course provides a detailed study of the pelvis and obstetrics/gynecology as related to scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols.

DMSO 1260 Clinical

CRT HRS: 02 LEC HRS: 00 OFF CAMPUS LAB HRS: 07

This course provides a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

DMSO 2351 Doppler Physics

CRT HRS: 03 LEC HRS: 02 LAB: 03

This course provides an overview of the Doppler and hemodynamic principles relating to arterial and venous imaging and testing.

DMSO 1166 Practicum I

CRT HRS: 01 LEC HRS: 00 OFF CAMPUS LAB: 07

This course provides practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

DMSO 2353 Sonography of Superficial Structures

CRT HRS: 03 LEC HRS: 02 LAB: 03

This course provides a detailed study of normal and pathological superficial structures as related to scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols.

DMSO 1367 Practicum II**CRT HRS: 03 LEC HRS: 00 OFF CAMPUS LAB: 28**

This course provides practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

DMSO 1342 Intermediate Ultrasound Physics**CRT HRS: 03 LEC HRS: 03 LAB HRS: 01**

This course offers a continuation of Basic Ultrasound Physics, which includes interaction of ultrasound with tissues, mechanics of ultrasound production and display, various transducer designs and construction, quality assurance, bioeffects, and image artifacts. It may introduce methods of Doppler flow analysis.

DMSO 2441 Sonography of Abdominopelvic Pathology**CRT HRS: 04 LEC HRS: 03 LAB HRS: 03**

This course provides an overview of the pathologies and disease states of the abdomen and pelvis as related to scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols. Emphasis in the endocavity sonographic anatomy and procedures including pregnancy.

DMSO 2366 Practicum III**CRT HRS: 03 LEC HRS: 00 OFF CAMPUS LAB: 28**

This course provides practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

DMSO 2342 Sonography of High Risk Obstetrics**CRT HRS: 03 LEC HRS: 03 LAB HRS: 01**

This course provides an overview of maternal disease and fetal abnormalities. It includes scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols.

DMSO 2343 Advanced Ultrasound Principles and Instrumentation**CRT HRS: 03 LEC HRS: 03 LAB HRS: 01**

This course includes theory and application of the ultrasound principles and advances in ultrasound technology.

DMSO 2167 Practicum IV**CRT HRS: 01 LEC HRS: 00 OFF CAMPUS LAB: 07**

This course provides practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

DMSO 2330 Advanced Ultrasound Professionalism and Registry Review**CRT HRS: 03 LEC HRS: 02 LAB HRS: 03**

Sonographic professional principles and scope of practice including legal and ethical issues and department management procedures. Includes review and preparation.

GUIDELINES FOR INSTRUCTIONAL PROGRAMS IN WORKFORCE EDUCATION (GIPWE)
ADVANCED TECHNICAL CERTIFICATE

An Advanced Technical Certificate (ATC) is a certificate that has a defined associate or baccalaureate degree as a prerequisite. In some cases, junior-level standing may be a prerequisite for admission into an ATC. The ATC must consist of at least **16 SCH** and no more than **45 SCH**. It must be focused, clearly related to the prerequisite degree, and justifiable to meet industry or external agency requirements.

An advanced technical certificate attached to an AAS degree must be in the same program area as the AAS degree. For an advanced technical certificate attached to a baccalaureate degree or to junior-level standing in a baccalaureate program, the institution should consult with Coordinating Board staff to determine the appropriate program area to which the certificate should be assigned.

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 *Institutional 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 Exemplary Educational 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 *Exemplary Educational Objectives* and were defined by the Texas Higher Education Coordinating Board. Measures to determine the extent to which *Exemplary Educational Objectives* are being achieved are assessed every semester. Data are collected and compiled by each department to evaluate the extent to which the *Exemplary Educational 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.

Report on the Mission Economic Development Authority Scholarship Fund

Mr. Miguel Carranza, Dean for Student Financial Services, Testing, and Veterans' Affairs, will provide a report on the Mission Economic Development Authority (MEDA) Scholarship Fund, which provides scholarships to students living in the City of Mission.

Background on the MEDA Scholarship Fund

On August 29, 2014, the South Texas College Board of Trustees approved and authorized the acceptance of the Mission Economic Development Authority (MEDA) Scholarship Fund Endowment Agreement, which established a trust in excess of \$3 million, with Edwards Jones Trust Company as the sole Trustee and with South Texas College as the sole beneficiary, with funds to be used to establish and offer scholarships as described.

Scholarships Award History

Mr. Carranza will provide a presentation, included in the following pages, to share the award history through Fall 2014.

Awards are distributed on a semester-by-semester basis to qualified students, based upon their course load for a particular semester:

- \$400 for 6 credit hours
- \$600 for 9 credit hours
- \$800 for 12 credit hours

In the 2013-2014 academic year, 47 students from Mission received support from this fund, in the total award amount of \$64,800:

- 22 of those students have graduated;
- 15 have continued receiving MEDA Scholarship funding in Fall 2014;
- 4 have continued attending South Texas College, but are taking fewer than six credit hours;
- 1 has transferred to UTPA; and
- The remaining 5 students did not continue in Fall 2014.

In Fall 2014, \$59,000 has been awarded to 86 students, marking dramatic increase over the Fall 2013 disbursement by \$33,800.

Mr. Carranza will also discuss plans to increase access to this scholarship for students, including adding another application cycle for Spring/Summer enrollment.

A presentation is scheduled to provide a report on the financial status of the MEDA Scholarship Fund at the November 13, 2014 Finance and Human Resources Committee. A copy of the Mission E.D.A Scholarship Fund Endowment Agreement signed by the College, MEDA, and Edward Jones Trust follows in this packet.

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

MEDA Merit Scholarship

Eligibility Criteria:

- Must be a US Citizen or Legal Permanent Resident
- Must be a permanent resident of Mission, Texas
- Must have earned 6 credit hours prior to applying (including dual enrollment credits)
- Must have a 2.5 cumulative GPA

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MEDA Merit Scholarship

Award:

- Maintain a 2.5 cumulative GPA each semester
- Enroll in at least two semesters each year
- Complete a minimum of 12 credit hours per year
- Remain in Good Standing with STC with respect to financial, academic, and student disciplinary
- Maintain their residence within the city limits of the City of Mission

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MEDA Scholarship Programs

Scholarship award programs

- Part-Time Student Scholarship: Enrolled for a minimum of 6 credit hours during each semester for a maximum of 8 semesters.
- Full-Time: Enrolled for a minimum of 12 credit hours during each semester for a maximum of 4 semesters.

Scholarships awards based on enrollment (Maximum \$3,200.00)

- 12 credit hours- \$800 9 credit hours- \$600 6 credit hours- \$400

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MEDA Scholarship Timeline Established August 1, 2012



Award Cycle 1

- Scholarship application was made available to qualifying students with a June 28, 2013 deadline
- 47 students were awarded

Award Cycle 2

- Scholarship application was made available to qualifying students with an August 1, 2014 deadline
- 86 students were awarded

Award Cycle 3

Scholarship application will be made available to qualifying students with an August 1, 2015 deadline. We anticipate the number of students will double

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MEDA Scholarship Awards: Maximum Award \$3,200.00

FY 13-14: 47 Students	FY 14-15: 86 Students (71 New & 15 Returning)
Funds Available : \$160,784.54	Funds Available: \$257,921.64 (\$185,937.10 + \$71,984.54 = \$257,921.64)
Funds Awarded: \$88,800.00 (\$64,800 + \$24,000 = \$88,800.00)	Funds Awarded: \$227,200.00 (71 x \$3,200 = \$227,200.00)
Balance FY 14-15 (Carry Over) \$71,984.54	Funds Available Spring 2015: \$30,721.64

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Success of 2013-2014 MEDA Recipient Data:

2013-2014 MEDA Recipients	
Graduated	22 (47%)
Receiving FY15 Funding	15 (34%)
Did Not Receive FY15 Funding	10 (19%)
TOTAL Recipients	47 (100%)

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2013-2014 Gender & Age groups

Gender	No of Students	Age	No of Students
Female	31	18-20	7
Male	16	21-30	27
		31-40	9
		41-50	3
		51+	1

2013-2014 ACADEMIC STANDING

Students	GPA
1	2.47
14	2.50 - 2.99
31	3.00 - 3.99
1	4.00

2013-2014 MEDA Recipients by Program: Nursing Allied Health

Major	No of Students
Associates Degree in Nursing (ADN)	6
CT2-Licensced Vocational Nursing	2
AAS-Occupational Therapy Assistant	1
CT1- Patient Care Assistant	1
AAS-Physical Therapy Assistant	1
AAS-Respiratory Therapy	1

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2013-2014 MEDA Recipients by Program: Liberal Arts and Social & Behavioral Sciences

Major	No of Students
AA- Criminal Justice	3
AAS-Child Development	2
AAT-Elementary Education	3
AA-English	1
AA-Interdisciplinary Studies	3
AA-Kinesiology	1
AA-Psychology	3

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2013-2014 MEDA Recipients by Program: Liberal Arts and Social & Behavioral Sciences

Major	No of Students
AAT-Secondary Education	1
AAS- ASL Sign Language Interpreter	1
AA-Social Work	1
AAS – Accounting	1
AA – Business Administration	4
AS – Computer Information Systems	1
AS – Biology	5

2013-2014 MEDA Recipients by Program: Bachelors Programs

Major	No of Students
BAT- Computer/Information Technology	2
BAT-Medical Health Service Management	1
BAT- Technology Management	1

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2014-2015 MEDA Recipients by Program: Nursing Allied Health

Major	No of Students
Associates Degree in Nursing (ADN)	13
AAS-Health Information Tech	1
CT2-Licensced Vocational Nursing	5
AAS-Radiology Tech	1
AAS-Respiratory Therapy	2

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2014-2015 MEDA Recipients by Program: Business & Technology

Major	No of Students
AAS-Architectural Drafting	1
AA-Business Administration	7
AAS-Computer Maintenance Tech	1
AAS-Design and Technical Graphics	1
AAS-Paralegal	1

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2014-2015 MEDA Recipients by Program: Business & Technology

Major	No of Students
AAS-Management	1
CT1 – Welding	1
AAS – Design and Technical Graphics	1
AS – Engineering	1
AS – Mathematics	1

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2014-2015 MEDA Recipients by Program: Liberal Arts and Social & Behavioral Sciences

Major	No of Students
AAS-Child Development	2
AA- Criminal Justice	2
Undeclared	2
AAT-Elementary Education	3
AA-Fine Arts	2
AA-Interdisciplinary Studies	2
AA-Kinesiology	1

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2014-2015 MEDA Recipients by Program: Liberal Arts and Social & Behavioral Sciences

AA-Psychology	4
AAS- ASL Sign Language Interpreter	1
AA-Sociology	2
AA-Social Work	2
AA-Communications	1
AS-Biology	5

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2014-2015 MEDA Recipients by Program: Bachelors Programs

Major	No of Students
BAT- Computer/Information Technology	5
BAT-Medical Health Service Management	5
BAS-Organizational Leadership	1
BAT- Technology Management	8

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2014-2015 MEDA Next Steps

Additional Application Cycle:

- Application will be opened Fall and Spring Semesters (subject to Availability of funds) more than once a year
 - Will benefit students who did not attend Fall semester
 - Will benefit students who may have not met the Fall semester deadline

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2014-2015 MEDA Next Steps

Increase in Applicants Awarded:

- 2013-2014 vs 2014-2015
 - Number of applicants awarded increased by 83%
 - Amount Awarded Fall 2013 v Fall 2014 increased by 75%

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STUDENT TESTIMONIALS

“Having three children and being a full time student requires many expenses I cannot afford. Receiving this scholarship is relieving [because] I have this extra financial help.” –Dalia Guerrero, Nursing

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STUDENT TESTIMONIALS

“It is an honor to win a scholarship for living in a community that has also helped me grow and provided me with many opportunities throughout my life.” –Samantha Gutierrez, Elementary Education

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STUDENT TESTIMONIALS

“The main reason I applied for the MEDA scholarship, [is] because I am on a tight budget and I want to graduate in December from the Medical Health Services Management...and this scholarship could help me reach my goal on time.” –Jhobana Hinojosa, BAT Medical and Health Services Management

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STUDENT TESTIMONIALS

“This scholarship helped me out in buying books, supplies, scrubs, and to pay for gas expenses. I need all the financial help possible in order to be able to make it financially through the Nursing program, and this opportunity is a great help for me.” – Jorge Gonzalez, Nursing

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Mission E.D.A. Scholarship Fund Endowment Agreement

This Mission E.D.A. Scholarship Fund Endowment Agreement ("Agreement") is hereby established and agreed to by and between the Mission Economic Development Authority, Inc. ("MEDA") and South Texas College ("STC") (each of MEDA and STC is sometimes herein referred to as a "Party," and collectively, they are sometimes referred to as the "Parties") to promote economic development for the region by increasing the educational attainment and/or work skill levels for students from the City of Mission who are pursuing programs of study at STC.

Part 1. The Fund.

MEDA has established and funded a trust known as The MEDA Scholarship Fund Trust Agreement dated August 1, 2012 (the "Trust"), of which Edwards Jones Trust Company is the initial sole Trustee (hereinafter Edward Jones Trust Company, together with any other successor Trustee(s), is described as the "Trustee"). The Trust will be funded with assets exceeding the value of \$3,000,000.00.

The Trust is to be managed and administered by the Trustee according to the terms set out in the Trust.

Part 2. Purpose; Uses of Distributions from the Trust.

The purpose of the Trust is to manage and distribute funds to STC for the purpose of awarding and distributing scholarships under this Agreement to students of STC who reside in the City of Mission, Texas, and/or to establish educational facility(ies) within the City of Mission, Texas. As such, the Trust provides that income and certain portions of the corpus of the Trust may be distributed to STC from the Trust to use to provide scholarships under this Agreement and for the alternative use as provided in Part 4 of this Agreement.

Part 3. The Scholarships

STC, through its established and to be established scholarship award protocols and committees, will use distributions from the Trust to provide scholarships to selected students for tuition, books, and/or fees according to the purposes of the Trust and the eligibility criteria established in this Agreement.

A. Each scholarship provided for shall be a commitment by STC to provide at least a two semesters, and maximum of four semesters, scholarship subject to all eligibility criteria being met and maintained. Prior receipt of scholarship funds under this Agreement shall not be a bar to receipt of future scholarship funds under this Agreement. The Scholarship Committee (as defined below) shall establish the payment/reimbursement requirements and schedule for scholarship monies to enable the scholarship monies to be used for their intended purposes and goals and to enable monitoring by STC of compliance with the eligibility criteria for

continuation. Any unused scholarship funds upon which a student defaults may be carried forward by STC and included in the scholarships awarded in a future award period. The scholarships shall begin to be awarded beginning no later than STC's Fall Semester of 2013.

B. Each scholarship shall be for an amount of no less than the amount of two semesters' tuition, and no more than the sum of four semesters' tuition, plus anticipated college fees and textbook costs and educationally related expenses.

C. **Criteria for Eligibility.** In order to be considered for a scholarship, an applicant must:

- Be a Permanent Resident of the City of Mission (as defined below) at the time of application for the scholarship and for two or more consecutive years previously, as well as during the STC semester(s) for which the scholarship is given.
- Have completed one semester (full or part time) at STC with a cumulative Grade Point Average (GPA) of 2.50 or above on a 4.0 scale.
- Any student or potential student shall be eligible for a scholarship regardless of high school performance. However, the scholarships are intended to benefit either students who excelled in high school (or are excelling at STC) or those whom the Scholarship Committee (as defined below) believes need financial assistance in overcoming financial and life difficulties and who are likely to become a productive employed or employing member of the Mission Area business and industrial community.
- Be a U.S. citizen or a legal permanent resident with a permanent resident card or passport stamped I-551.

D. **Need.** While STC may impose a "need" standard of evaluation if it deems appropriate, financial "need" shall not be a requirement to the award of any scholarship.

E. **Criteria for Maintaining Scholarship.** Each committed scholarship award shall continue for the duration of the scholarship period so long as the recipient:

- Maintains a cumulative Grade Point Average (GPA) of 2.50 or above on a 4.0 scale each semester.
- Maintains an enrollment at least two semesters each year and completes a minimum of 12 credit hours per year (the "year" being measured from the start date of the semester for which a scholarship is awarded).
- Remains in good standing with STC with respect to financial, academic, disciplinary, and honor code matters.
- Maintain his/her residence within the city limits of the City of Mission.

F. **Summer Enrollment.** Summer enrollment by any scholarship recipient is not required, but scholarships for summer enrollment shall be permitted and encouraged.

G. **Revocation.** STC shall revoke any scholarship if the recipient fails to meet the required criteria.

H. **Resident.** For purposes of this Agreement, "Permanent Resident of the City of Mission" shall be considered a person who has maintained a domicile within the City of Mission (or a in the event of a minor, during the minority a person whose parents, legal guardian, managing or possessory conservator) to which the person intends to return after any temporary absence, within the city limits of the City of Mission. STC shall be entitled, as a condition to considering any scholarship application, to require proof of the required residency of a type satisfactory to STC.

I. **Categories of Scholarships.** The scholarships shall be available to any category of student, whether Community College, Associate, Undergraduate, Graduate, Technical, Certificate, or Vocational Studies students of STC.

J. **Precatory Language.** While this desire to STC is advisory only, MEDA hopes that the Scholarship Committee (as defined below) will attempt to apply at least one-half of the scholarship funds to assist students in non-academic courses of study, such as technical, vocational, and certificate courses of study and learning.

K. **Scholarship Committee.** STC will establish a scholarship committee (which may consist of another committee which handles other scholarships) to administer the scholarship awards under this Agreement, either by year or by semester, as STC deems most advantageous to the students (such committee referred to herein as the "Scholarship Committee"). The Scholarship Committee's duties will include establishment of procedures for the award of the scholarship funds, including, but not limited to the application process, official forms, deadline information, number of recipients, selection process, etc.

L. **Community Representatives on Committee.** Mission Economic Development Corporation (an affiliate of the City of Mission) and the Mission City Council shall each be invited by STC to designate one member to serve on the Scholarship Committee during each scholarship award period. If no designation is made by either or both groups, the non-designating group need not be represented on the Scholarship Committee.

M. **Recruiting Applicants.** Each year STC may utilize up to \$5,000.00 of the distributions from the Trust each year to advertise the availability of the scholarships under this Agreement, to educate potential applicants about the scholarships, and to recruit qualified persons to apply for the scholarships.

Part 4. Permitted Alternative Use of Funds

A. Until January 1, 2018, STC and the City Council of the City of Mission may, by joint or separate resolutions (but both entities must pass identical resolutions) provided to the

Trustee, direct the Trustee to distribute the remaining funds in the Trust (leaving sufficient amounts to comply with scholarships to which STC has committed the funds and in order pay debts and expenses of the Trust) to STC to construct and/or operate an Educational Facility (as defined below) within the City of Mission or its urban extra-territorial jurisdiction. The Trust's funds so distributed by the Trustee as detailed in this Part 4 shall be used by STC for such restricted purpose, and this restriction shall be enforceable against STC by the City Council of the City of Mission.

B. STC and the City Council of the City of Mission must pass the resolutions and submit to the Trustee their resolution(s) in writing at least 6 months prior to being entitled to the monies from the Trust. Thus, the latest date any such distribution can be made based upon timely resolution and request is July 1, 2018.

C. An "Educational Facility" is defined as a secondary or post-secondary school to educate students to cause them to be able to earn a degree or to provide them training in a technical or vocational field to teach them work force skills.

Part 5. General Terms

A. **Account For Funds.** In order to administer the funds distributed from the Trust to STC, STC shall establish a separate restricted account for the receipt and distribution of such funds under this Agreement.

B. **MEDA represents and acknowledges that:**

- (a) MEDA understands that applicable federal and state tax regulations may restrict the ability of family members of a scholarship recipient and other persons to provide direct financial support to their choice of students through this scholarship for the purpose of obtaining or creating a tax credit; and
- (b) The Scholarship program provided for in this Agreement is for general scholarships over which STC has full discretion subject to the conditions of this Agreement.

C. **STC represents:**

- (a) STC will not provide scholarships from the funds dedicated to this scholarship program except in accordance with the terms and requirements of this Agreement;
- (b) The scholarships administered under this Agreement serve STC's benevolent and charitable purposes and the provision of the scholarships is a bona fide program operated by STC; and

- (c) **STC will provide to the Trustee, upon request, information required to be provided by the Trustee in determining that any distribution to STC from the Trust is a "Qualifying Distribution" as defined in Section 4942 of the Internal Revenue Code of 1986, as amended.**

D. Non-Discrimination. No applicant for, or recipient of, any scholarship funds or benefits under this Agreement shall be subject, directly or indirectly, to discrimination on the basis of race, sex, color, national origin, religion, age, disability, veteran status, or any other illegal basis with respect to any provision of this Agreement.


E. No Act Contrary to Law. MEDA and STC acknowledge and agree that nothing in this Agreement shall be construed so as to require the commission of any act contrary to the law, and whenever there is any conflict between any provision of this Agreement and any present or future law, ordinance, administrative, executive, or judicial regulation, order or degree, or amendment thereof, contrary to which the parties have no legal right to contract, the latter shall prevail, but in such event the affected provision(s) of this Agreement shall be modified only to the extent necessary to bring them within the legal requirements and only during the time(s) such conflict(s) exist.

F. Counterparts. This Agreement may be executed by the Parties on any number of separate counterparts, and all such counterparts so executed constitute one agreement binding on all the Parties notwithstanding that all the Parties are not signatories to the same counterpart. Delivery by facsimile or other electronic transmission of an executed counterpart of this Agreement shall bind the Party making such delivery effective as of the time of such delivery, and such Party shall deliver the originally executed counterpart as soon as possible thereafter.


[The remainder of this page is intentionally left blank; signature page follows.]

This Mission E.D.A. Scholarship Fund Endowment Agreement is executed to be effective and established on August 1, 2012.

Mission Economic Development Authority, Inc.

By: 
Robert J. Godwin, Chairman and
Member of Board of Directors



Pat Townsend, Jr., Member of Board of Directors


Ben Olivarez, Member of Board of Directors


David Heflin, Member of Board of Directors


Geoff Hall, Member of Board of Directors

South Texas College

By: 
Dr. Shirley Reed, President

Received and Acknowledged by:

EDWARD JONES TRUST COMPANY

Signature:  *KJH*

Printed Name: Kevin J. Huonker
A Member of the Edward Jones Trust
Company Acceptance Committee

GHG: 1361098.3

This Mission E.D.A. Scholarship Fund Endowment Agreement is executed to be effective and established on August 1, 2012.

Mission Economic Development Authority, Inc.

By: _____
Robert J. Goodwin, Chairman and
Member of Board of Directors

Pat Townsend, Jr., Member of Board of Directors

Ben Olivarez, Member of Board of Directors

David Heflin, Member of Board of Directors

D.L. Hall

Geoff Hall, Member of Board of Directors

South Texas College

By: Shirley H. Reed
Dr. Shirley Reed, President

Received and Acknowledged by:

EDWARD JONES TRUST COMPANY

Signature: _____

Printed Name: _____

A Member of the Edward Jones Trust
Company Acceptance Committee

GHG: 1361098.3