

# Board of Trustees

## Education and Workforce Development Committee Meeting

Tuesday, December 07, 2021

4:00 p.m.

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



SOUTH TEXAS  
COLLEGE

*In the Making!*

Online Copy

**South Texas College  
Board of Trustees  
Education and Workforce Development Committee  
Ann Richards Administration Building, Board Room  
Pecan Campus, McAllen, Texas  
Tuesday, December 7, 2021 @ 4:00 p.m.**

**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, November 9, 2021 Committee Meeting ..... 3 - 7
- II. Presentation on Division of Business, Public Safety & Technology ..... 8 - 20
- III. Presentation on Division of Nursing and Allied Health ..... 21 - 37

## **Approval of Minutes for Tuesday, November 9, 2021 Committee Meeting**

The Minutes for the Education and Workforce Development Committee meeting of Tuesday, November 9, 2021 are presented for Committee approval.

**South Texas College  
Board of Trustees  
Education and Workforce Development Committee  
Ann Richards Administration Building, Board Room  
Pecan Campus, McAllen, Texas  
Tuesday, November 9, 2021 @ 3:30 p.m.**

**MINUTES**

The Education and Workforce Development Committee Meeting was held on Tuesday, November 9, 2021 in the Ann Richards Administration Building Board Room at the Pecan Campus in McAllen, Texas. The meeting commenced at 3:36 p.m. with Mrs. Victoria Cantú presiding.

Members present: Mrs. Victoria Cantú

Other Trustees present: Mr. Gary Gurwitz

Members absent: Mr. Paul R. Rodriguez and Mr. Danny Guzman

Also present: Dr. Ricardo J. Solis, Dr. David Plummer, Dr. Anahid Petrosian, Mr. Javier Villalobos, Ms. Sara Lozano, Ms. Christina Cavazos, Ms. Veronica Rodriguez, Dr. Eric Reitinger, Ms. Melanie Espinoza, Ms. Lisa Aleman, Ms. Laura Salas, and Ms. Stephanie Hinojosa.

**Approval of Minutes for Tuesday, October 19, 2021 Committee Meeting**

Upon a motion by Mrs. Victoria Cantú as Committee Chair and sole member attending, the Minutes for the Education and Workforce Development Committee meeting of Tuesday, October 19, 2021 were approved as written. The motion carried.

**Review and Recommend Action as Necessary to Offer the Proposed Associate of Arts Degree in Early Childhood Education in Fall 2022**

The Education and Workforce Development Committee was asked to recommend Board approval to offer an Associate of Arts Degree in Early Childhood Education in Fall 2022.

The proposed Associate of Arts Degree in Early Childhood Education would prepare students who are interested in pursuing a Bachelor of Science in Early Childhood Education, or related field, and help qualify graduates for career opportunities in public and private daycare centers as teachers or managers, teacher assistants in the public-



school system, entry level positions in state/federally funded programs (Head Start and Early Head Start) and community-based programs.

Students graduating with an Associate of Arts in Early Childhood Education would have a well-rounded education that prepares them for success when transferring to other four-year institutions.

For the College, offering this degree would pave the way for potential articulation agreements with local and regional universities, providing graduates with a pathway to pursue further academic training.

The program developers researched and compiled data from transfer universities and conducted a student survey to document program and student demand.

The packet contained the Program Development Packet, which included:

- Program Development Approval Checklist
- Program Development Process and Review
- Program Development Checklist
- Program Development Summary
- Enrollment Management Plan
- Student Survey
- Proposed Curriculum & Course Descriptions
- Instructional Costs and Projected Revenues

Dr. Anahid Petrosian, Vice President for Academic Affairs, introduced Ms. Christina Cavazos, Director for Curriculum, and Ms. Veronica Rodriguez, Chair for the Child Development/Early Childhood department to review the proposal and respond to questions.

Upon a motion by Mrs. Victoria Cantú as Committee Chair and sole member attending, the Education and Workforce Development Committee recommended Board approval to offer an Associate of Arts Degree program in Early Childhood Education in Fall 2022 as presented. The motion carried.

### **Review and Approve Development of the Proposed Associate of Applied Science Degree and Certificate Programs for Surveying and Geospatial Technology**

The Education and Workforce Development Committee was asked to approve development of an Associate of Applied Science Degree and a Certificate in Surveying and Geospatial Technology.

Committee and Board approval would be necessary to offer the programs once developed. Due to the nature of this new program and its difference from current programs offered by the College, an extended, two-phase institutional approval process was required:

- Phase I is the request for approval to initiate the development of the program. If approval to develop this program is granted by the required entities, up to and including the Education and Workforce Development Committee, Phase II of the process would begin.
- During Phase II, an Advisory Committee will be formally established that will guide the development of an appropriate curriculum that meets the business and industry workforce needs. Phase II includes the request to approve the program as proposed by the Advisory Committee and will follow the same approval channels including Education and Workforce Development Committee and South Texas College Board of Trustees, as well as the state and accrediting bodies.

The proposed program offers detailed instruction on land, route, control, and engineering design surveying, focusing on learning the legal principles of boundary location, evaluating property corners, describing the land, calculating land areas, and mapping the collected data of the natural and built environment. The program will prepare students for the use of modern surveying and mapping technologies such as Geographic Information Systems (GIS) and Global Positioning Systems (GPS) to collect, map, and analyze geographic data for projects in the Architectural, Engineering, and Construction (AEC) industry.

Students graduating from the proposed Certificate in Surveying and Geospatial Technology would have an opportunity to be certified in the Level I Site Layout credential from the National Center for Construction Education & Research (NCCER). Students that graduate with the associate degree would have an opportunity to be certified in the Level II Site Layout credential. Furthermore, students that complete the associate degree and accumulate two years of experience working under a Registered Professional Land Surveyor would have the opportunity to qualify for the Surveyor in Training (SIT) exam for the Texas Board of Professional Engineers and Land Surveyors.

The program developers researched and compiled job projection and wage data from Economic Modeling Specialists, Inc, conducted a student survey, and accumulated letters of support from industry partners to document program and student demand.

The packet contained the Program Development Packet, which included:

- Program Development Approval Checklist
- Program Development Approval Checklist
- Curriculum Department Review
- Program Development Checklist
- Program Summary
- Enrollment Management Plan
- Student Survey Summary
- Proposed Curriculum & Course Descriptions
- Instructional Costs and Projected Revenues
- Supporting Documents:
  - Proposed Advisory Committee Membership
  - Letters of Support

Dr. Anahid Petrosian, Vice President for Academic Affairs, introduced Ms. Christina Cavazos, Director for Curriculum, and Ms. Laura Salas, Chair for the Architectural and Engineering Design Technology department to review the proposal and respond to questions.

The Committee requested that enrollment for comparable programs at other colleges be included in the Board packet.

Upon a motion by Mrs. Victoria Cantú as Committee Chair and sole member attending, the Education and Workforce Development Committee approved Phase I so faculty could move forward to Phase II of the program development process for an Associate of Applied Science Degree and a Certificate in Surveying and Geospatial Technology as presented. The motion carried.

No Board action would be needed for the development of these programs, though Committee and Board approval would be necessary to offer the programs once developed.

### **Adjournment**

There being no further business to discuss, the Education Workforce Development Committee Meeting of the South Texas College Board of Trustees adjourned at 4:21 p.m.

I certify that the foregoing are the true and correct Minutes of the November 9, 2021 Education and Workforce Development Committee of the South Texas College Board of Trustees.

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Mrs. Victoria Cantú  
Presiding

## **Presentation on Division of Business, Public Safety & Technology**

Dr. Anahid Petrosian, Interim Vice President for Academic Affairs, has coordinated a series of presentations highlighting each of the Academic Divisions of South Texas College.

In December 2021, Dr. Petrosian has invited Mrs. Sara Lozano, Dean of Business, Public Safety, & Technology. Dr. Petrosian will introduce Dean Lozano, who will present on the departments and activities within her division

Dean Lozano will present the background and organizational chart of the Division of Business, Public Safety, & Technology, covering the establishment and growth of the division over time.

This division incorporates courses and majors within the categories of Business, Public Safety, and Technology, and is a critical component of South Texas College's workforce training and economic development role within the region.

Dean Lozano will also review the division's faculty and staff. She will then provide a review of enrollment and graduation rates across the division. Division-wide, 147 faculty, including 25 Dual Credit faculty, and 24 staff support 704 course sections this Fall.

The presentation includes enrollment figures for Fall 2020 and Fall 2021, as well as college-wide headcount for declared majors within each field of study in the division, and a comparison of graduate counts for Academic Year 2020 and Academic Year 2021 for each associate degree included within the division.

Dean Lozano will provide a review of recently developed educational pathways for Law Enforcement, including partnerships and programs that offer credentialed law enforcement personnel the opportunity to earn college credit for prior training, and accelerate their progress in degree programs available at South Texas College.

The presentation will then cover special projects, including the incorporation of simulation technology, drone piloting, and workforce program facility expansions.

Finally, Dean Lozano will review many of the accreditations, certifications, and special partnerships that support these fantastic programs.

No action is requested. This information is presented to the Education and Workforce Development Committee for discussion and feedback.



# **Division of Business, Public Safety & Technology**

**Presentation for**

**Education and Workforce Development Committee Meeting**

**Tuesday, December 7, 2021**

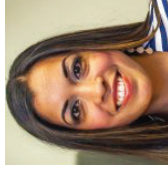
**Presenter: Sara Lozano, Dean for Business, Public Safety & Technology**

# Outline



- Background
- Division Organizational Chart
- Sections, Faculty & Staff
- Enrollment & Graduates
- Special Projects
- Notable Achievements





# Sara Lozano, Dean

Division of Business, Public Safety & Technology

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- **Doctoral Student, Leadership and Learning in Organizations**  
Vanderbilt University
- **Master of Arts in Higher Education Administration and Leadership**  
Adams State University
- **Bachelor of Arts in Architecture**  
Yale University
- Served South Texas College for 13 years in the Architectural & Engineering Design Technology Department as faculty and chair and 1 year as Dean for the Division
- Serves on national, state, and local boards including:
  - National Board for NIMS (National Institute for Metalworking Skills)
  - Workforce Education Course Manual (WECM) Advisory Board
  - Pharr Economic Development Corporation Foundation
- Member of several local organizations including the LRGV-AIA and Chambers of Commerce



# Background



**1995**

- Division of Business
- Division of Technologies

**2002**

- Division of Business, Math and Sciences
- Division of Technology

**2005** – Division of Business, Math, Sciences and Technology

**2008** – Division of Business and Technology

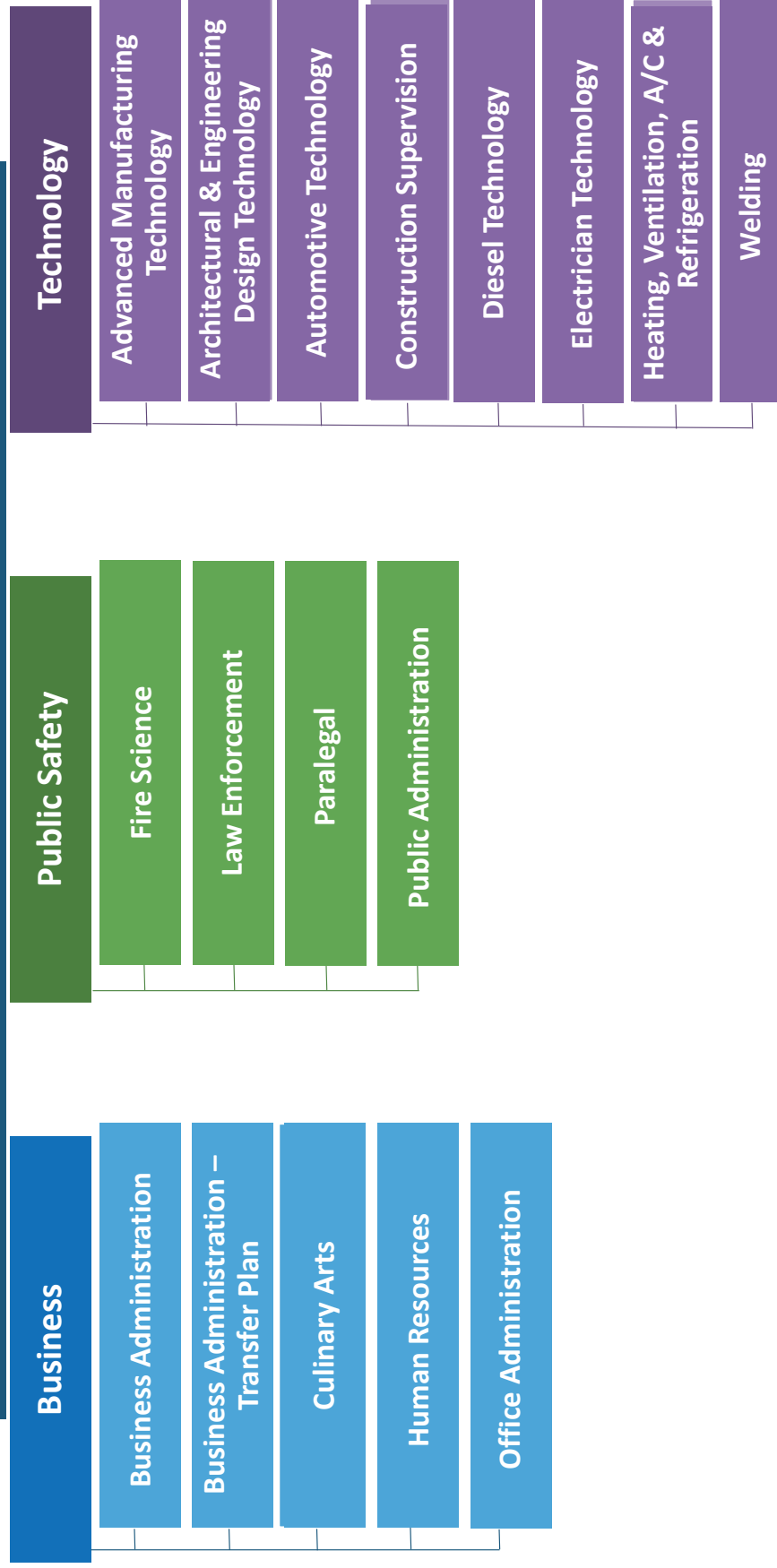
**2017** – Division of Business, Public Safety and Technology



# Division Organizational Chart



## Division of Business, Public Safety & Technology



# Sections/Faculty/Staff

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## Fall 2021 Semester

**Sections: 704**  
 Traditional: 557  
 Dual Credit: 147

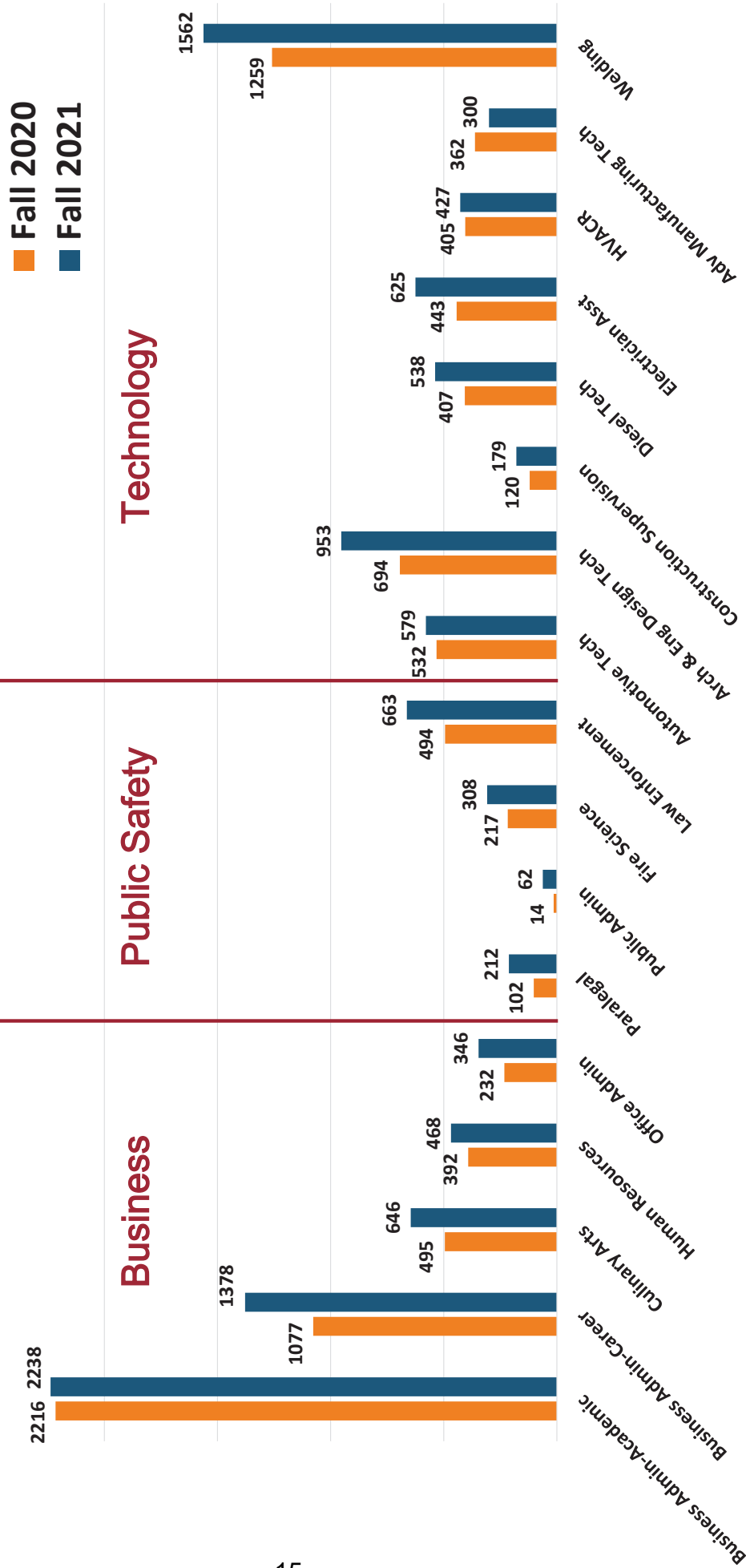
**Faculty: 147**  
 Full Time: 80  
 Lecturers: 31  
 Adjunct: 11  
 Dual Credit: 25

**Staff: 24**  
 Support Staff: 20  
 Student Support: 4

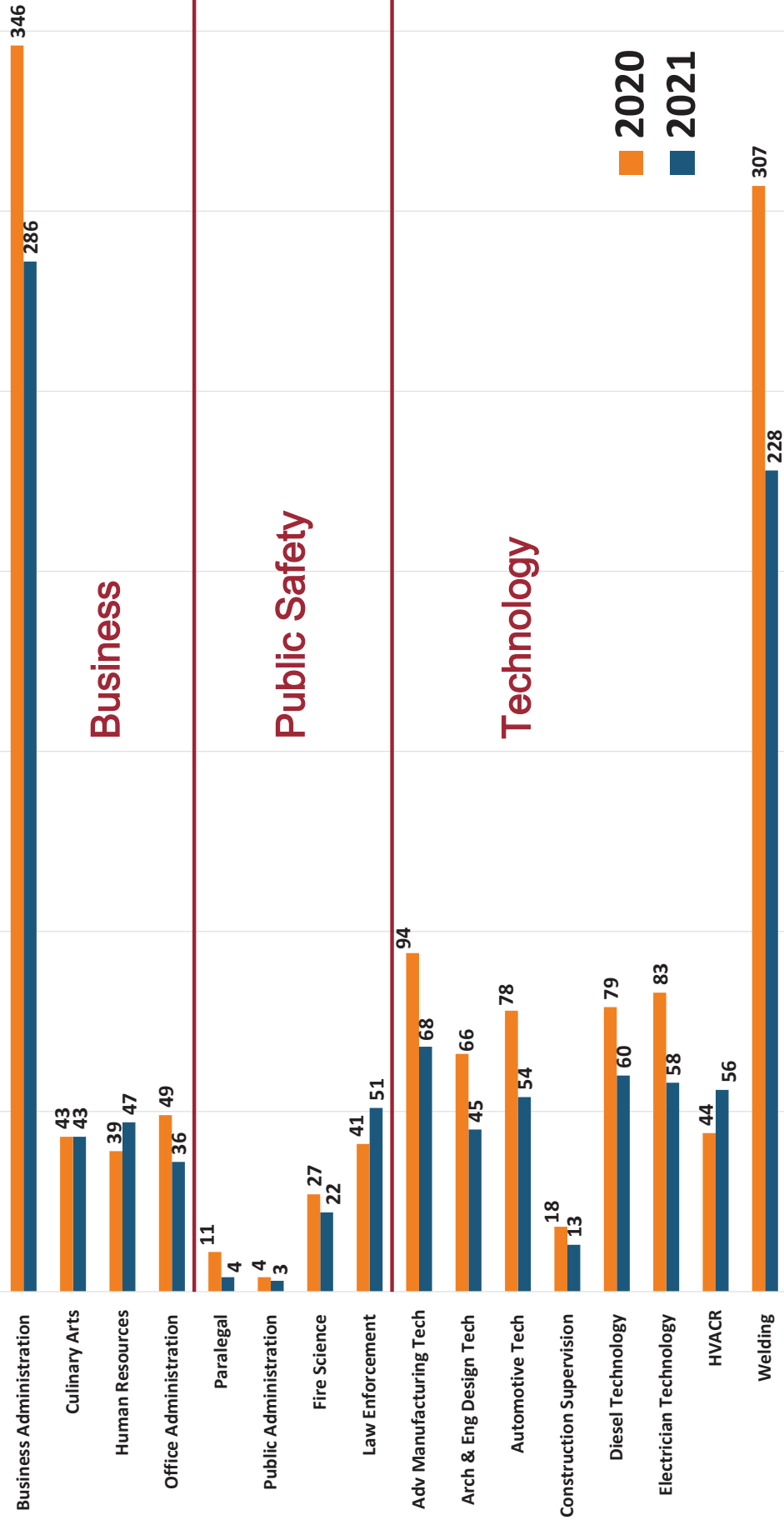


# Enrollment

Total Enrollment for Fall 2021 Over 11,000



# Graduates



# Educational Pathways for Law Enforcement

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## ➤ *From Professional Training Programs to South Texas College Credit Programs*

- South Texas College has established partnerships with federal agencies to provide educational pathways for individuals completing specific programs.
- ✓ Assess courses taken as part of state, federal, and U.S. training programs
- ✓ Grant college credit towards certificates, associate degrees, and bachelor degrees within established educational pathways



**U.S. Customs and  
Border Protection**



**TEXAS COMMISSION  
ON LAW ENFORCEMENT**

# Special Projects

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## ➤ **Advancing Innovative Technologies**

- Virtual Reality Lab added Welding Simulators and will be acquiring additional simulation technology
- Training for Drone Pilots

## ➤ **Expanding Workforce Facilities**

- MVC Campus
- Starr County Campus
- Technology Campus Master Plan



# Notable Achievements and Accomplishments

- **Accreditations and Certifications**
  - Accreditation Council for Business Schools & Programs
  - FANUC Certifications
  - National Institute for Metalworking Skills (NIMS)
  - 2021 National Center for Construction Education and Research (NCCER) Candidate Status
  - 2020 Accredited Testing Facility through American Welding Society



- **Grant and Scholarship Partners**
  - Kenedy Scholarship
  - Cambria and Gene Hass Foundation scholarships for Advanced Manufacturing Technology
  - Perkins Grants
    - ✓ Basic and State Leadership Grants
  - MADISSAR Grant Awarded FY 21-22
    - ✓ Culinary Arts awarded over \$11,000
    - ✓ Electrician Program awarded over \$7,000



**Thank you!**



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## **Presentation on Division of Nursing and Allied Health**

Dr. Anahid Petrosian, Interim Vice President for Academic Affairs, has coordinated a series of presentations highlighting each of the Academic Divisions of South Texas College.

In December 2021, Dr. Petrosian has invited Dr. Jayson Valerio, Dean of Nursing & Allied Health. Dr. Petrosian will introduce Dr. Valerio, who will present on the departments and activities within his division

Dr. Valerio will present the background and organizational chart of the Division of Nursing & Allied Health, covering the establishment and growth of the division over time.

This division incorporates courses and majors within the Nursing Field, including Patient Care Technician, Vocational Nursing, Associate Degree Nursing, and Baccalaureate Degree Nursing, as well as Allied Health fields. These programs are a critical component of South Texas College's role developing and improving the healthcare professionals that serve the region.

Dr. Valerio will also review the various rigorous and prestigious accreditations held by programs within this division, each of which is a marker of the rigorous standards and quality of the curriculum, faculty, and staff. Dr. Valerio will then review the division's faculty and staff. He will then provide a review of enrollment and graduation rates across the division. Division-wide, 100 faculty and 16 staff support 456 course sections this Fall.

The presentation includes enrollment figures for Fall 2020 and Fall 2021, as well as college-wide headcount for declared majors within each field of study in the division, and a comparison of graduate counts for Academic Year 2020 and Academic Year 2021 for each associate degree included within the division.

Dr. Valerio will provide a review of the many achievements and accomplishments attained by the programs within his division, and the various community, education, and industry partnerships connecting South Texas College to the communities we serve.

Next, Dr. Valerio will discuss the workforce pathways developed for nursing and allied health fields. These provide an opportunity for individuals to pursue relatively fast entry into a career field, with a short-term certification program. Upon successful completion, they can then use that success as a stepping stone toward pursuit of longer-term career and academic programs.

Dr. Valerio will conclude the presentation with a review of new programs being developed to further address high-demand programs, and a push for the development of new support for high school graduates to enter STC certificate degree programs.

No action is requested. This information is presented to the Education and Workforce Development Committee for discussion and feedback.



# **Division of Nursing and Allied Health**

**Presentation for**

**Education and Workforce Development Committee Meeting  
Tuesday, December 7, 2021**

**Presenter: Dr. Jayson Valerio, Dean for Nursing and Allied Health**

# Outline



- Background
- Division Organizational Chart
- Accrediting Agencies
- Sections, Faculty & Staff
- Enrollment & Graduates
- Notable Achievements & Partnerships
- Continuing Education
- On the Horizon





# Dr. Jayson Valerio, Dean

Division of Nursing & Allied Health



- **Doctor of Nursing Practice Educational Leadership** from American Sentinel University
- **Master of Arts in Nursing Major in Medical Surgical Nursing** from Angeles University Foundation
- **Bachelor of Science in Nursing** from University of the Assumption
  - Served South Texas College as Dean for Nursing & Allied Health since 2015
  - Worked at STC for 20 years prior in capacities that included, Interim Dean, Department Chair, and Instructor
  - Selected to serve as Organization of Association Degree Nursing (OADN) National Representative for the American Nurses Association Taskforce to Address Racism in Nursing
  - Appointed Southwest Regional Board Director by OADN to oversee ADN programs in Texas, Arkansas, Colorado, Nevada, Utah, Louisiana, New Mexico, Oklahoma, and International Members from South America

# Background

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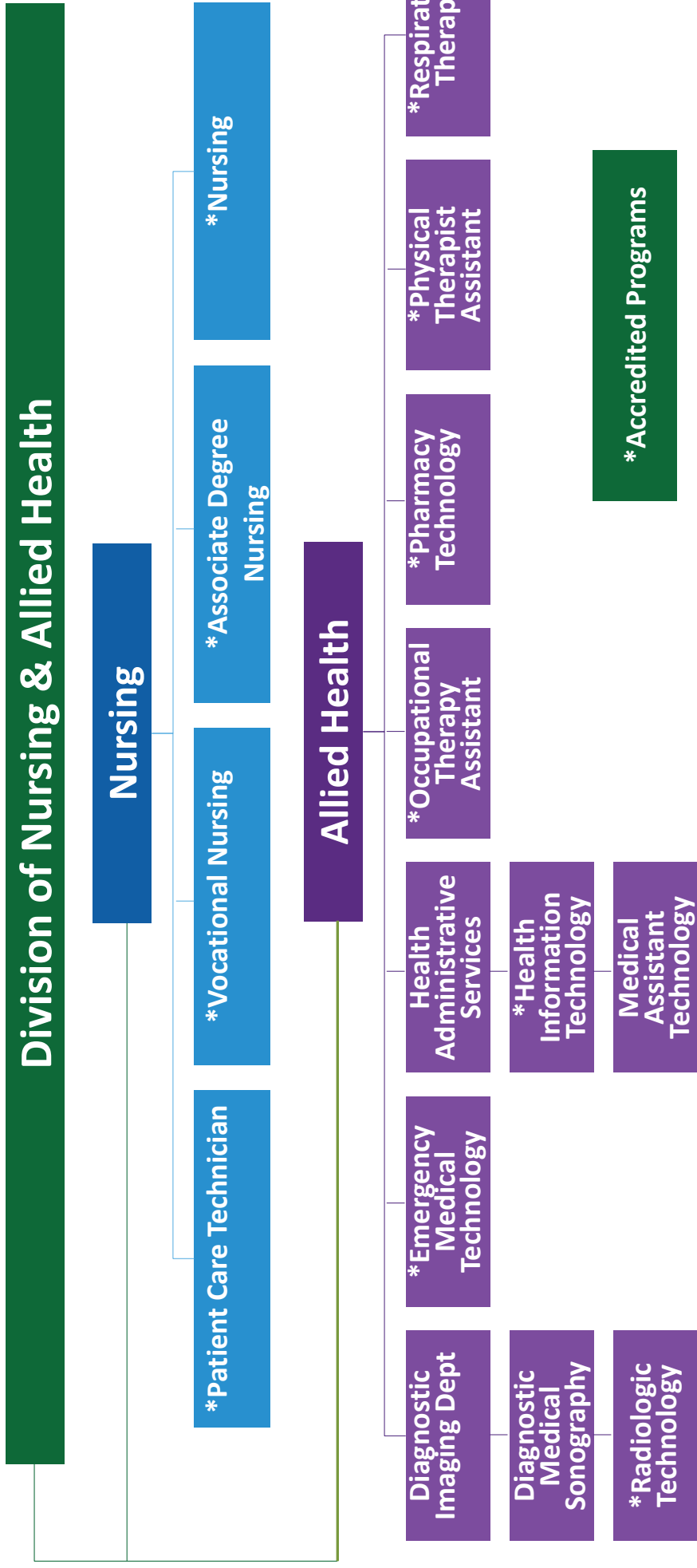
**1995** Division established by Dr. Ramiro R. Casso with only 3 programs

**2000** Programs moved to new NAH Campus and increased programs to 7

**2018** NAH Expansion: Building B opened a 4-story building with 87,222 sq. ft. to meet the healthcare needs of our growing, diverse community



# Division Organizational Chart





# Accrediting Agencies

The following agencies and organizations have accredited the South Texas College Nursing & Allied Health program in their specialty.

# Sections/Faculty/Staff

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## Fall 2021 Semester

**Sections: 456**

- Traditional: 443
- Dual Credit: 13

**Faculty: 100**

- Full Time: 89
- Lecturers: 4
- Adjunct: 5
- Dual Credit: 2

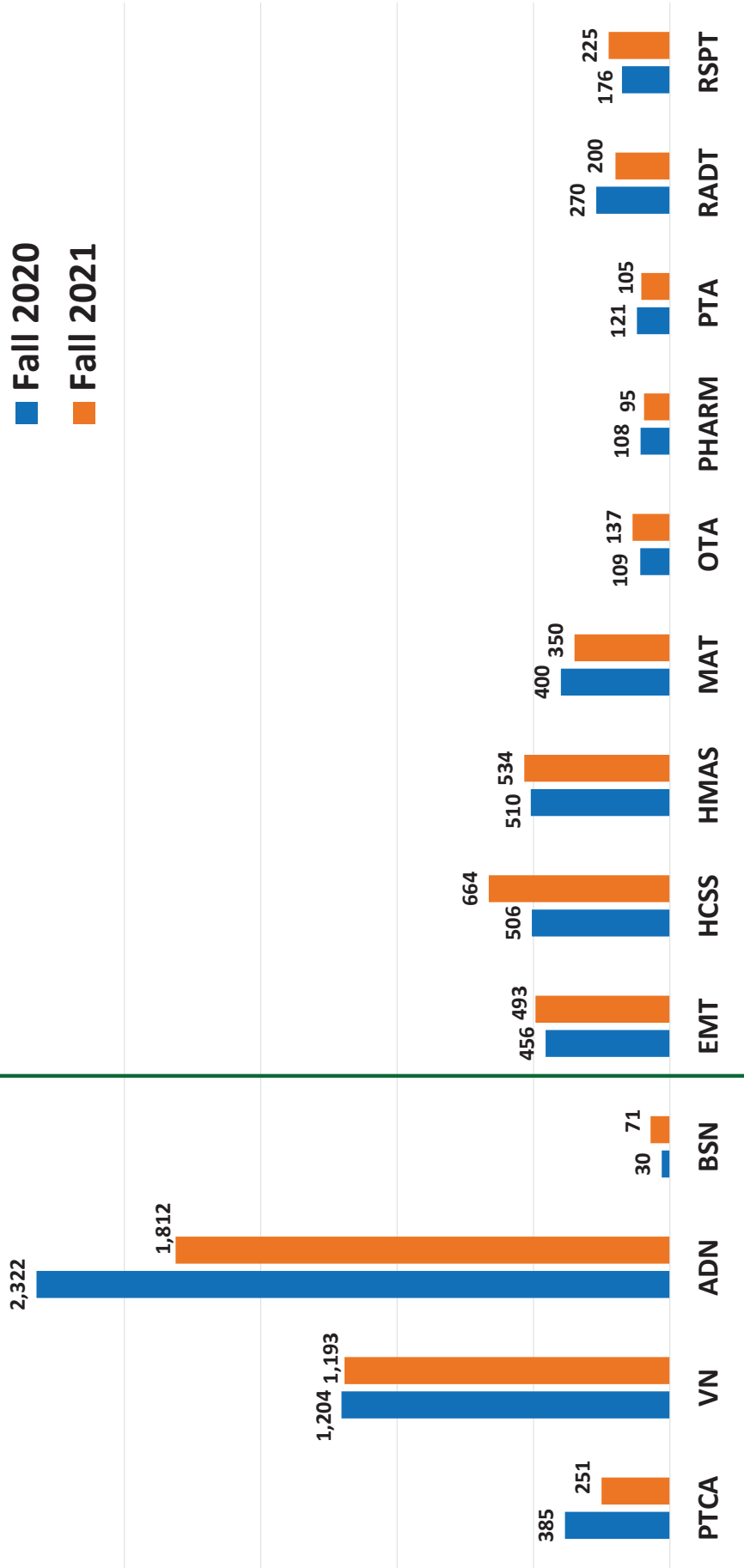
**Staff: 16**

- Support Staff: 10
- Student Support: 8





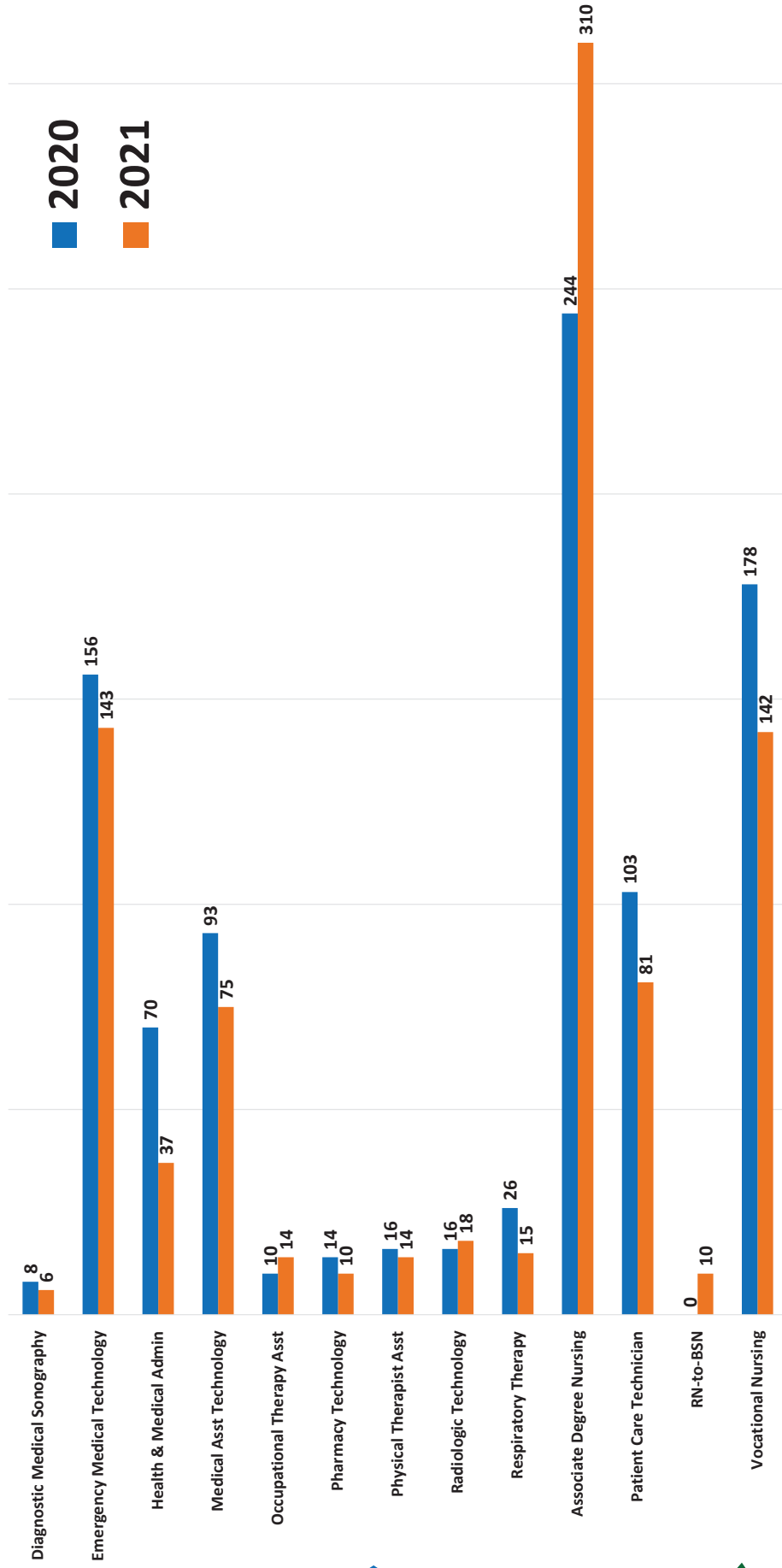
# Enrollment



Nursing

Allied Health

# Graduates



# Notable Achievements and Accomplishments

Core Value: Excellence

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- **Successful ACEN Candidacy Application** for the RN-to-BSN Program
- **Successful Reaffirmation** of all NAH Program Accreditations
- **Ranked #1** Most Affordable ADN Program in the NATION (2021; NursingSchoolHub.com)
- **Ranked #15** Best Vocational Nursing Program in Texas (2021; NursingProcess.org)
- **Ranked #52** Best Nursing School in Texas (2021; Nursing Schools Almanac)



# Notable Achievements and Accomplishments

## Core Value: Student Success

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- **100% Graduation Rate in First Cohort of Students in the RN-to-BSN Program**
- NAH Programs with **100% Licensure Pass Rates** (THECB Almanac Report)
  - ✓ ADN Registered Nurse
  - ✓ Diagnostic Medical Sonography
  - ✓ EKG
  - ✓ Phlebotomy
  - ✓ Physical Therapist Program (for 21 consecutive years)
  - ✓ Radiology Technology
  - ✓ Registered Health Information Technician
  - ✓ Respiratory Therapy

A graphic featuring the number '100' in a large, bold, dark blue font. A white ribbon with a dark blue border is draped across the number, containing the text 'PERCENT PASS RATE' in dark blue, uppercase letters.

- **99% Licensure Pass Rate:** Certified Nurse Aide/Patient Care Technician

# Notable Achievements and Accomplishments

## Core Value: Student Success (continued)

Program Placement Rates 2018-2019	
Diagnostic Medical Sonography	100%
Occupational Therapy Assistant	100%
Physical Therapist Assistant	100%
Radiologic Technology	100%
Emergency Medical Technology	96%
Registered Nursing	96%
Respiratory Therapy	93%
Vocational Nursing	88%
Medical/Clinical Assistant	84%
Health and Medical Administrative Services	82%
Pharmacy Technology	71%

**Placement Rate:**  
Employed or pursuing  
additional education  
within one year of  
graduation

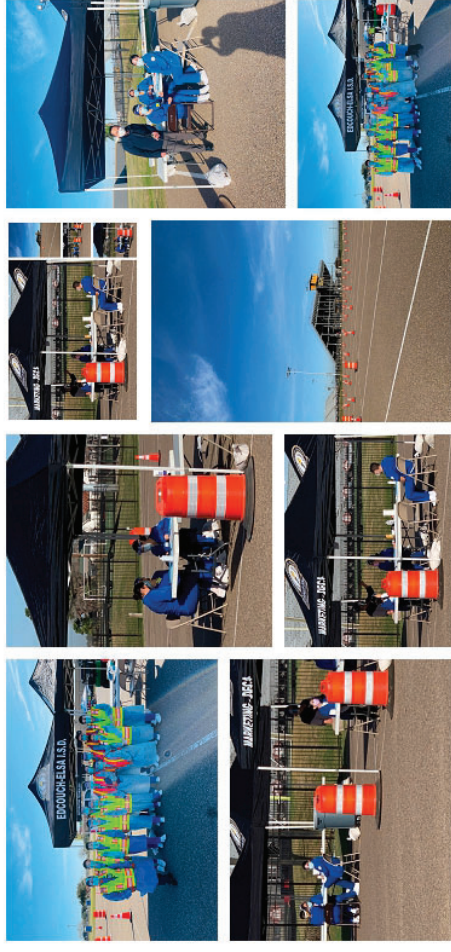
Source: THECB Perkins Data Resources for 2021-2022

# Partnerships

## Community, Education, and Industry



- Faculty and Students participated in (25) **COVID-19 Vaccination Drives**
- Partnership with Hidalgo County to **address the spread of COVID-19**
- Participated in town hall meetings/issues focused meetings regarding the current **status of regional healthcare delivery and healthcare faculty shortage**
- Held meetings with:
  - Commissioner Julian Alvarez III – CEO, Texas Workforce Commission
  - Commissioner Harrison Keller – CEO, Texas Higher Education Coordinating Board
  - CEOs of Economic Development Corporations from Pharr, Mission, McAllen, and Edinburg
- Participating in Panel Discussion: **Designing The Future of Nursing in Texas by 2020-2030** hosted by the Board of Nursing



# Continuing Education (CE)



The following are CE courses and programs supported by NAH faculty:

- Basic Life Support (CPR/AED)
- Dental Assistant
- First Responder
- Billing and Coding Specialist
- Certified Nurse Assistant
- EKG Technician
- EMT - Basic
- Medical Office Specialist
- Patient Care Technician
- Phlebotomy Technician

**CE Programs with  
Established *Non-Credit*  
to *Credit* Pathways**





# On The Horizon

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## ❖ **Develop New Program Offerings**

- Align workforce programs with industry recognized credentials
- Create additional pathways from non-credit to credit programs
  - ✓ Dental Assistant
  - ✓ Health Information Medical Clerk OSA
  - ✓ Electronic Health Record Specialist
  - ✓ Medical Billing, Coding and Administrative Specialist

## ❖ **Develop Seamless Transition from High School to STC Certificate/AAS Programs**





Thank you!



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