

PATHWAYS UPDATE



Office of Student
Success & Completion

Students are more likely to complete a degree in a timely fashion if they (1) choose a program and develop an academic “pathway” plan early on, (2) have a clear road map of the courses they need to take to complete a credential, and (3) receive guidance and support to help them stay on the path. Guided pathways integrate these and other evidence-based reforms with the goal of ensuring that they become part of every student’s college experience.

At Lone Star College, the primary strategy for increasing completion and reducing time and credits to degree is the college-wide, multi-year implementation of guided pathways reinforced with a comprehensive enrollment management plan.

Key outcomes include: pathway plans for full- and part-time students, reorganizing programs into eight Areas of Study, reorganizing advising around the Areas of Study, providing advising at key milestones, implementing scaled academic and non-academic supports, and putting technology in place to support all of the above. Pathways also continues the work of LSC’s 2015 Completion Plan by building on and improving new student orientation, the student success course, early alert, and other reforms. LSC participates in the Texas Success Center’s Texas Pathways Project (closely based on the national AACC Pathways Project), which is helping Texas community colleges design and implement the pathways model at scale.

Objectives

- 1 **Clarify paths to student end goals** providing fewer choices and clearer program maps that lead to transfer or the workforce.
- 2 **Help students choose and enter a pathway** including bridges from high school to college, on-ramps to programs of study, and accelerated remediation.
- 3 **Help students stay on a path** with intrusive, ongoing advising and integrated educational and nonacademic supports.
- 4 **Ensure students are learning** with clear program outcomes aligned to employer and/or transfer institution expectations, engaging and applied learning experiences, and effective instructional practices.

Timeline

2018

JANUARY - MARCH	▶ Pathway plans finalized
MARCH	▶ Advising Task Force begins crafting recommendations for new advising model
	▶ Technology Task Force begins identifying technology solutions to support pathways
	▶ Dev Ed Summit
APRIL	▶ Area of Study teams identify supports for students in critical courses
JULY	Pathways Steering Committee approves Advising and Technology Task Force recommendations
FALL	▶ Begin implementation of advising recommendations: Organize advising by Areas of Study, identify key advising milestones, and develop advisor training
	▶ Clarify transition of AEL program from CE to credit transition for students
SEPTEMBER	▶ Dev Ed Summit

2019

SPRING	▶ Begin work on improvements to New Student Orientation: Add pathways information, provide NSO information at the time it’s needed during the term, and expand beyond first-time students
	▶ Begin work on financial education for all students: Develop/review EDUC 1300 financial literacy curriculum, expand delivery to all students, and create financial education task force for input/feedback
	▶ Begin work on support for student basic needs (e.g. showers, laundry): Inventory existing resources and information, develop a plan for improvement, and explore creation of a CARE kiosk at each campus
	▶ Analysis of college prep course support to ISD partners
	▶ Enhance Area of Study implementation
JANUARY	Pathways Steering Committee meeting
FEBRUARY	▶ LSC Advising Conference
FEBRUARY 2019 - SPRING 2020	▶ Co-requisite remediation professional development for faculty
SUMMER	▶ Evaluate LSC dual credit and early college programs, with a focus on pathway entry and progress
FALL	▶ Establish faculty team to explore how faculty can support the new advising model
	▶ Program enrollment implemented in iStar and additional technology solutions phased in

PATHWAYS: AREAS OF STUDY



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ARTS, HUMANITIES, COMMUNICATION & DESIGN



These programs will prepare you for careers involving design, production, performance, and writing. The Associate of Arts, Music, and Speech programs are also designed to transfer to a 4-year institution.

Programs:

- ▶ Associate of Arts
- ▶ Art
- ▶ Dance
- ▶ Drama
- ▶ ESOL
- ▶ Foreign Languages
- ▶ Game Design & Simulation
- ▶ English
- ▶ Humanities
- ▶ Journalism
- ▶ Live Entertainment Technology
- ▶ Music
- ▶ Speech
- ▶ Visual Communication

BUSINESS & PROFESSIONAL SERVICES



These programs will prepare you for careers in management and administration in many kinds of businesses and organizations. The Business program is also designed to transfer to a 4-year institution.

Programs:

- ▶ Associate of Arts
- ▶ Business
- ▶ Accounting
- ▶ Administrative Services
- ▶ Business Administration
- ▶ Paralegal Studies

COMPUTER/DIGITAL TECHNOLOGY



These programs will prepare you for a range of careers in the computer industry, such as network/GIS technician, programmer, developer, analyst, or project manager. The Computer Science program is also designed to transfer to a 4-year institution.

Programs:

- ▶ Associate of Science
- ▶ Computer Science
- ▶ Computer Information Technology
- ▶ Geographic Information Systems

ENERGY, MANUFACTURING & CONSTRUCTION



These programs will prepare you for a career as a technician, operator, manager, or supervisor in the energy, manufacturing, and construction industries.

Programs:

- ▶ Associate of Science
- ▶ Automotive Technology
- ▶ Construction Supervision
- ▶ Electrical Technology
- ▶ Engineering Design Technology
- ▶ HVAC
- ▶ Industrial Diesel Technology
- ▶ Industrial Electronics Technology
- ▶ Land Surveying
- ▶ Logistics Management
- ▶ Machining Technology
- ▶ Mechatronics
- ▶ Petroleum Data Technology
- ▶ Petroleum Field Service
- ▶ Process Technology
- ▶ Welding Technology

ENGINEERING, MATHEMATICS & SCIENCES



These programs will prepare you for a career as an engineering or lab technician and are also designed to transfer to a 4-year institution.

Programs:

- ▶ Associate of Science
- ▶ Biology
- ▶ Biomedical Engineering
- ▶ Civil Engineering
- ▶ Electrical Engineering
- ▶ Industrial Engineering
- ▶ Mechanical Engineering

HEALTH SCIENCES



These programs will prepare you for careers involving helping people or animals get the medical care they need, either through direct services or research and technical skills.

Programs:

- ▶ Associate of Science
- ▶ Biotechnology
- ▶ Dental Hygiene
- ▶ Diagnostic Medical Sonography
- ▶ Emergency Medical Services
- ▶ Health Information Technology
- ▶ Medical Assisting
- ▶ Medical Radiologic Technology
- ▶ Nursing
- ▶ Occupational Therapy Assistant
- ▶ Pharmacy Management
- ▶ Physical Therapy Assistant
- ▶ Respiratory Care
- ▶ Surgical Technology
- ▶ Veterinary Technology

PUBLIC SAFETY & HUMAN/CONSUMER SERVICES



These programs will prepare you for careers involving helping and providing services to people with a variety of needs.

Programs:

- ▶ Associate of Arts
- ▶ Cosmetology
- ▶ Fire Science Technology
- ▶ Human Services
- ▶ Interpreter Training
- ▶ Massage Therapy

SOCIAL/BEHAVIORAL SCIENCES & EDUCATION



These programs are primarily designed to transfer to a 4-year institution in preparation for a career in K-12 education or criminal justice. The Criminal Justice program will also prepare you for a range of careers such as private investigator or correctional or probation officer.

Programs:

- ▶ Associate of Arts
- ▶ Associate of Arts in Teaching
- ▶ Associate of Science
- ▶ Criminal Justice