



STEM

McLennan Community College's Pathways guide students toward coursework and future career options in the following six academic areas: Business & Industry, Creative Arts, Health Professions, Liberal Arts, Public Service, and STEM (Science, Technology, Engineering, and Math). This process allows students to explore career options while staying on pace to graduate.

Whether your goal is to earn an associate's degree, transfer to a four-year university, or get a certificate to jump-start your career, McLennan has a pathway for you!

Career Goals

Students who choose the STEM Pathway can enjoy employment, advancement, and challenging careers in a vast range of professions including chemists, mechanical engineers, computer programmers, web developers, biologists, and many more. Students not only learn problem solving and critical thinking skills but also how to make a difference in their community.

Skills Development

The STEM Pathway seeks to foster varied skills including sophisticated communication, professionalism, high ethical standards, decision-making, and critical thinking. Other skills emphasized:

- Active Listening
- Complex Problem Solving
- Instructing
- Learning Strategies
- Monitoring
- Negotiation
- Persuasion
- Operations Analysis
- Service Orientation
- Social Perceptiveness
- Mathematics
- Time Management
- Writing
- Reading Comprehension
- Management of Personnel Resources
- Science
- Coordination
- Technology Design
- Active Learning
- Repairing
- Systems Analysis and Evaluation
- Speaking





Impact the world through exploration and research.

Degrees & Certificates Available

Associate Degrees

- Agriculture
- Biology
- Chemistry
- Computer Information Systems & Multimedia
 - Computer Science
 - Information Systems & Applications
 - Media Communications/Media Track
 - Media Communications/Technical Track
 - Network Administration
- Engineering
 - Biomedical Engineering
 - Civil Engineering
 - Chemical Engineering
 - Electrical Engineering
 - Engineering
 - Industrial Engineering
 - Mechanical Engineering
- Math
- Transfer Programs

Associate Degrees

- Computer Information Systems & Multimedia
 - CISCO Network Administration
 - Internet Webmaster
 - Information Systems & Applications
 - Media Communications

- Windows Network Administration
- Web Design
- Engineering

Financial Aid

If you are interested in applying for financial aid, please complete the FAFSA at www.fafsa.gov by June 1 for the following academic year. For more information about financial aid, go to www.mclennan.edu/financial-aid or call McLennan's Highlander Central at 254-299-8622.

Gainful Employment

Important information about the educational debt, earnings, and completion rates of students in these programs is available at www.mclennan.edu/gainful-employment.

Learn More

To find out more about the STEM Pathway, visit www.mclennan.edu/pathways/stem.

To explore all six of the academic pathways, visit www.mclennan.edu/pathways.

McLennan Community College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Drew Canham, Vice President of Student Success, 1400 College Drive, 254-299-8645, titleix@mclennan.edu.

A lack of English language skills will not be a barrier to admission to and participation in career and technical education programs.

McLennan Community College no discrimina a ninguna persona independientemente de la raza, color, origen nacional o étnico, género, discapacidad, o edad en sus programas, actividades o empleo. Para obtener información sobre el cumplimiento de esta política de no discriminación por parte de la institución, comuníquese con el siguiente administrador: Drew Canham, vicepresidente Éxito Estudiantil, 1400 College Drive, 254-299-8645, titleix@mclennan.edu.

La falta de conocimiento del idioma inglés no será un impedimento para la admisión y participación en programas de educación técnica y profesional.

**For more
information,
contact:**

Highlander Central
254-299-8287
highlandercentral@mclennan.edu