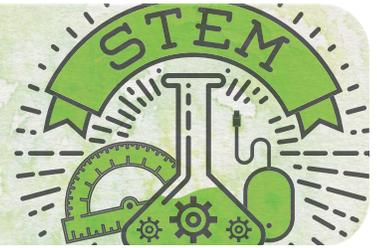


Louisiana STEM PATHWAYS



WHAT ARE THE STEM PATHWAYS?

Louisiana's STEM Pathways are specialized sequences of eight courses. They emphasize connections across the individual STEM disciplines alongside "employability skills" such as problem solving, communication, collaboration, research and project planning. They are developed and implemented through partnerships of higher education, industry, school systems, and the LDOE. Students who graduate with a STEM diploma endorsement have successfully completed a STEM Pathway leading to industry credentials and/or college credits.



1. PARTNER

Schools partner with one or more of our pathway providers. Providers bring knowledge, curriculum, teacher training, and implementation support. Schools bring eager students, exceptional teachers, and effective leaders.



2. TRAIN

Teachers attend intensive, high-quality training. Teachers learn to effectively teach pathway courses and may earn certificates or graduate credit.



3. LEARN

Students take 4-8 rigorous pathway courses. Content includes pathway-specific hard skills, universal soft skills, and workplace-based experiences.



4. SUCCEED

Completers leave with a head start on college and/or their career, typically with industry based credentials, college credits, employability skills, and workplace experience.

In the News

- [Federal education official lauds STEM, innovation at West Feliciana High](#) (Center for American Progress)
- [Louisiana is...ensuring students have exposure to STEM coursework and credentials starting in the early grades and continuing through college.](#) (The Advocate)
- [Students will be better prepared to compete in the 21st century cyber workforce.](#) (Bossier Press-Tribune)
- [Louisiana one of only two states with a high school STEM pathway requiring at least 15 college-prep credits.](#) (Center for American Progress)

WHAT'S NEXT FOR LOUISIANA'S STEM PATHWAYS?

- Innovation in teacher certification for the STEM Pathways
- Increasing numbers of students graduating on the Pathways
- Widespread adoption of the Pathways across every region in Louisiana

**WHO TO
CONTACT?**
STEM@LA.GOV
OR VISIT OUR
WEBSITE