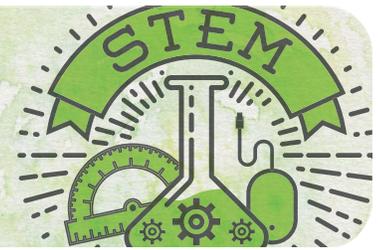
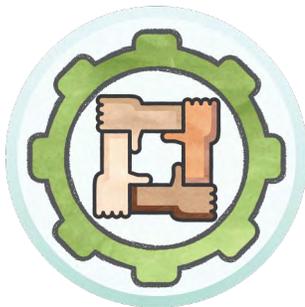


# Louisiana STEM PATHWAYS



## 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)
- [Using Micro-credentials to Improve Teacher Skills in Computer Science](#)
- [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
- Expanding planning guidance for systems to support high-quality STEM programming
- Broadening STEM opportunities and access for all students statewide

