

GOAL

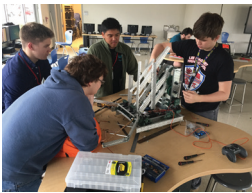
Increase the number of both college bound and career bound students completing a series of courses along a STEM pathway to provide them with a tangible skill set and an industry based credential.

STEM CONCENTRATIONS

- BIOMEDICAL SCIENCES
- COMPUTING
- DIGITAL DESIGN AND EMERGENT MEDIA
- PRE-ENGINEERING

COMMON THEMES

- Development of 21st century skills such as critical thinking, problem solving, communication, collaboration, and appropriate use of technology
- Application of computational thinking
- Cultivation of accumen in STEM related fields such as research and analysis, innovation and creativity, and professional ethics



WHO DOES THE PATHWAYS?

Students: Any TOPS University or TOPS Tech student

Teachers: Any teacher who is certified by LSU to teach the LSU electives

WHY DO THE PATHWAYS?

Teachers can earn graduate credit for course training (costs vary by course)

Districts earn up to \$482 per student/course in Career Technical Education and Career Development Funds (\$96 LSU course administrative fee charged)

Students engage in classes with no high stakes end of course testing like AP exams or LEAP2025!

Schools earn up to 150 SPS points for students earning Advanced Statewide Industry Based Certifications