

# PRE-ENGINEERING PATHWAY ADMINISTRATION PAMPHLET

Louisiana State University



## GOAL

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

## STEM ENDORSEMENT

<https://louisianabelieves.com/courses/louisiana-stem-initiative>

- Silver Endorsement: Take the four required pre-engineering pathway courses.
- Gold Endorsement: Take any additional four elective courses listed on the pre-engineering pathway brief



## 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?

Earn up to \$482 per student/course for the district in Career Technical Education and Career Development Funds

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Schools earn 150 SPS points for students earning Advanced Statewide Industry Based Certifications (select course only, IBC: Autodesk Inventor)

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Earn LSU credit (select courses only) and take high quality project-based courses

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Students have the opportunity to qualify for a \$1,500 LSU Engineering freshman scholarship