

# Southern High School of Engineering

Contributed by Administrator  
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The mission of Southern School of Engineering (SSE) is to provide each student with the physical, intellectual, emotional and social skills needed to compete in a 21st century global market.

## Innovative Partnership

Southern High School of Engineering is an innovative partnership with the New Schools Project of North Carolina with support from the NC General Assembly, the State Board of Education and the Bill and Melinda Gates Foundation. It is our goal to expand the scope of high school innovation by developing and carrying out a strategic plan that ensures competitiveness of our students in the global economy by accelerating student achievement in engineering and related areas.

## College Preparatory

SHSE delivers a rigorous and relevant college preparatory program for all of our students through integration of courses. Every student at our school is placed on the College/University course of study and takes honors level coursework. We focus on project/problem-based learning with a collaboration of schoolwork and real-world experiences found in the workplace. Each student will have the opportunity to earn up to 12 hours of college credit before high school graduation.

Small SizeThe school's small size, starting in 2007-08 with 100 students, will provide the opportunity for students to fulfill DPS graduation requirements through individualized instruction. Students will graduate with a high school diploma, plus up to one year of college credit towards a bachelor's degree. Southern School of Engineering is designed to substantially increase the number of underrepresented students who will pursue advanced studies and careers in Science, Technology, Engineering and Mathematics. By creating an environment of collegiality, high expectations, experimentation and trust, Southern High School of Engineering will have a goal of 100% graduation with every student being college ready and better prepared for entry into high-skill careers.