

Governor Announces Grants to 15 High Schools to Support Delaware Students in Key Fields

April 22, 2015 - With the support of grants announced by Governor Markell today, 15 Delaware high schools, spread across the state, will launch intensive programs in the fall to prepare students to excel in key fields that offer good job opportunities in the new economy. The grants, totaling nearly \$500,000, are part of the Governor's Pathways to Prosperity initiative, initially previewed in his [State of the State address](#), to establish partnerships with Delaware employers, universities, and school districts to prepare students for a bright future in high-demand fields and careers.

Grant Recipients

Appoquinimink School District

Appoquinimink High School – Computer Science and Engineering
Middletown High School – Engineering

Brandywine School District

Brandywine High School – Culinary Arts & Hospitality Management
Mount Pleasant High School – Culinary Arts & Hospitality Management

Caesar Rodney School District

Caesar Rodney High School - Culinary Arts & Hospitality Management

Christina School District

Glasgow High School – Biomedical Sciences

Colonial School District

William Penn High School - Culinary Arts & Hospitality Management

Laurel School District

Laurel High School – Biomedical Sciences and Culinary Arts & Hospitality Management

New Castle County Vo-Tech School District

Paul M. Hodgson Vo-Tech High School - Engineering

Newark Charter High School - Computer Science and Engineering

Polytech School District

Polytech High School – Engineering

Red Clay School District

McKean High School - Culinary Arts & Hospitality Management

Seaford School District

Seaford High School - Culinary Arts & Hospitality Management

Smyrna School District

Smyrna High School – Engineering

Sussex Academy – Engineering

Four Pathways**Biomedical Sciences and Engineering Pathways**

Curriculum and assessments are developed in partnership with business and industry, and higher education, with course specific professional development offered to teachers by higher education partners. The Biomedical capstone course requires students to conduct scientific research with industry partners. The Engineering capstone course requires students to design an invention in partnership with an industry panel.

Key partners include: the University of Delaware, Delaware State University, Delaware Tech, and Project Lead The Way.

Computer Science Pathway

The computer science pathway includes two advanced placement courses, a curriculum developed in partnership with business, industry, and higher education, and course-specific professional development offered for teachers by higher education partners. Both AP courses require students to engage with business and industry partners to design websites and applications, and develop methods for data collection and disaggregation.

Key partners include: the University of Delaware, Delaware State University, Delaware Tech, code.org, and The College Board.

Culinary Arts & Hospitality Management

Students benefit from an industry-focused mentorship, a curriculum developed in partnership with business and industry and higher education, and course-specific professional development for teachers. They will have the chance to earn the ProStart Certificate of Achievement, which signifies a strong foundation in management and culinary skill that includes both technical knowledge and 400 hours of mentored work-based learning experience.

Key partners include: the University of Delaware, Delaware Tech, the National Restaurant Association, and the Delaware Restaurant Association, which will help arrange mentors and work-based learning opportunities.