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.