

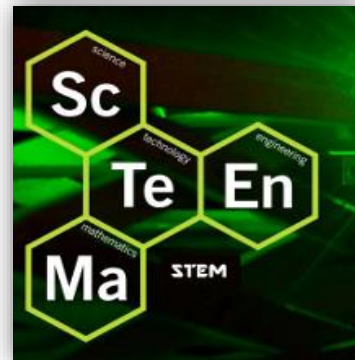


# SPACE COAST STEM EDUCATION COUNCIL

WWW.SCWID.ORG

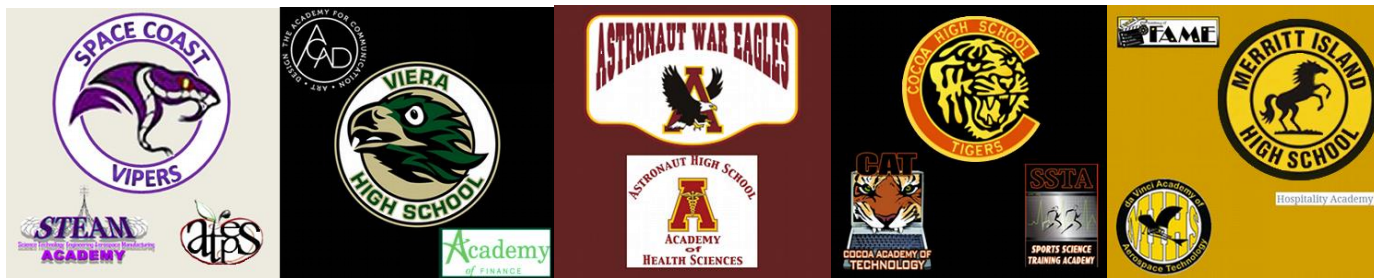
Will your child be prepared to compete for jobs in the 21<sup>st</sup> Century global marketplace?

Whether your child or grandchild intends to enter the workforce, military, or college when they graduate, they need to **prepare now** for those opportunities. The vast majority of future workers will require skills in **Science Technology, Engineering, and Mathematics (STEM)** to succeed in their chosen occupation.



Over the past three decades, employee skill requirements have changed significantly. The demand for routine manual labor has decreased while the **demand for interactive task skills has increased significantly**. Workforce projections by the U.S. Department of Labor show that 15 of the 20 fastest growing occupations require science or mathematics training to successfully compete for a job. However, as jobs requiring a solid background in sciences, technology, engineering, and mathematics are growing—more students are choosing not to major in these areas. If students continue to pursue careers in fields other than STEM related areas, the U.S. will find it difficult to compete in the global economy.

The Space Coast Chapter of the Women in Defense (WID), a not-for-profit organization, is working diligently with educators, industry, government leaders, and Career and Technical Education Advisory Committees to promote STEM educational opportunities throughout district high schools. **Its hard work—we could use your help!**



Did you know that many Brevard schools have “schools with a school”? These academies were formed in 2007 under the Brevard Public Schools SSNP (Secondary Schools of National Prominence) initiative, SUCCEED Florida Education Grant, and are supported by the SCHS Career and Technical Education (CTE) advisory committees; a not-for-profit organization. These committees include SCHS Faculty and Academy Students, industry leaders, parents, and representatives from local colleges and universities (**all volunteers**). The academies provide a challenging interdisciplinary approach to the high school program that harmonizes academic and technical studies to be relevant to the world of work and focused in the field of engineering. Students completing these program receive “Ready to Work” and CTE Industry Certifications. Many academy students receive credentials in AutoCAD, SolidWorks—3D CAD, and Manufacturing Skill Standards Council (MSSC) Certification—**valuable credentials!** High school students throughout the district may apply for and attend these academies.

The Space Coast STEM Education Council is committed to connecting STEM Resources and STEM Needs in our community. We also offer scholarship opportunities both locally and at the national level to help “Youthful Talent” to pursue STEM careers.

Please contact [STEM@scwid.org](mailto:STEM@scwid.org) and visit our new website to **become part of the STEM Solution!**

**Space Coast WID Scholarship Applications are now being accepted (due April 15, 2015)**  
Information is available at [www.scwid.org](http://www.scwid.org)