

# Sustainable Living



Sustainable living is divided into two sub-pathways: Sustainable Design and Agri-Economics. Sustainable Design focuses on construction and sustainability methods as well as the nuts and bolts of construction from architectural CAD drawing to alternative energy conversions. Agri-Economics focuses on the principles of agri-business, soil science, and college level biology and chemistry classes.

Scholars who choose sustainable design can make significant progress toward an associate of applied science in engineering technology with a sustainable design concentration (at least six courses after high school graduation). Scholars who choose agri-economics can make significant progress toward an associate of science degree designed to transfer to the UTK college of agriculture or any Tennessee Board of Regents School (at least seven courses after high school graduation).



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Knox County Schools Career and Technical Education and access to Career and Technical Student Organizations are offered to all students without regard to race, color, national origin, sex, disability, or age in its program or activities and provides equal access to the Boy Scouts and other designated youth groups. [www.knoxschools.org/choice](http://www.knoxschools.org/choice)



Knox County  
MAGNET  
SCHOOLS  
"Our Schools of  
Choice"

## Career Magnet Academy @ PSCC





## Diploma +

Here at Career Magnet Academy, our primary goal is for every student to graduate with a high school diploma PLUS at least one additional credential that will serve them well in their chosen college or career pathway of focus. Some of our students will earn meaningful work certifications, some will make significant progress toward an associate of applied science from Pellissippi State Community College, and some will make significant progress toward a full associate degree in science or arts by the time they finish high school.

Apply here between October 2nd and February 20th: <http://transapp.knoxschools.org/>



Homeland Security

## Teaching as a Profession



Teaching as a profession provides high school students insight into the nature of teaching, the challenges of schooling, and the critical issues affecting the quality of education in America's schools. Students who choose teaching as a profession can make significant progress towards an associate of art or science that upon completion will transfer to the UTK or any Tennessee Board of Regents school (at least six courses after high school graduation).

## Advanced Manufacturing



Advanced Manufacturing

The advanced manufacturing program is designed to prepare students for the modern manufacturing environment. Scholars who choose advanced manufacturing as their pathway of focus can make significant progress toward an associate of applied science in engineering technology with an industrial maintenance concentration (at least six courses after high school graduation).



Teaching as a Profession

## Homeland Security



Homeland security focuses on Cyber Defense. Cyber Defense includes the prevention of cyber intrusions and attacks, protection of sensitive personal and business information, and securing the continuity of critical operations. CMA students have the opportunity to make significant progress toward an associate of applied science in cyber-security (at least five courses after high school graduation).