Sante Fe High School is pioneering new secondary Biotech curriculum designed by the University of Florida Biotech Banner Center, which is also being linked to Agriscience Technology.

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The district has partnered with the UF’s Banner Center for Biotech for curriculum, SFCC at Jacksonville’s Biotech department, Whitney Labs and the Mayo Clinic. In addition, Mayo Clinic played an integral role in the state-of-the-art lab/facility design that includes outdoor research areas and a greenhouse.

St. Johns County / Ponte Vedra High School

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Best practices continued on inside back cover.
Secondary Career Academies Driven by Workforce Needs

St. Lucie County / Treasure Coast High School

MANUFACTURING/ENGINEERING
- Treasure Coast High School offers high-skill training and multiple career pathways from design to production in a state of the art manufacturing lab.
- Real-world projects are facilitated by industry partner involvement and through participation in Skills USA and FIRST Robotics.
- Students utilize discovery, investigation and hands-on application in a rigorous curriculum that results in MSSC certification.
- Engineering Teacher Richard “Ted” Norman was selected as St. Lucie County’s Teacher of the Year this year.

Leon County / Godby High School

INFORMATION TECHNOLOGY (IT)
- Godby High School’s IT offers four pathways: computer applications, geospatial information systems, computer science and Cisco systems networking.
- Industry partner Thomas Moffes, Director of Cisco Academy Training Center, has served as a bridge to industry certification by evaluating this academy.

Okaloosa County / Niceville High School

INFORMATION TECHNOLOGY (IT)
- The Niceville IT program awarded 633 national industry certifications in the 2006-2007 school year, valued at $1,427,340.
- Industry representative Casey O’Brien, Academic Manager for Certified Internet Webmaster (CIW), has served as a bridge to industry certification of academies by evaluating the Niceville IT with a score of 100 out of 100, based on the overall CIW curriculum and program design.

Santa Rosa County / Locklin Technical Center

CONSTRUCTION/UTILITIES
- Gulf Power, an industry sponsor of Locklin’s Construction program, has served as a bridge to utility industry certification of an academy by evaluating the program’s ability to meet current and projected workforce needs.
- Locklin expects to award 160 National Center for Construction Education and Research (NCCER) certifications this school year.
- Locklin offers NCCER Core construction coursework at each district high school for underclassmen who will then move to the Locklin campus for more specialized training in a variety of career pathways.

Marion County / Marion Technical Institute

MANUFACTURING/ENGINEERING
- Through a link with Dr. Eric Roe and the Banner Center for Manufacturing, students at MTI are pursuing industry certifications in all aspects of manufacturing.

POWER/UTILITIES
- Ocala Electric Utility has served as the bridge for industry certification evaluating the Power Academy with a score of 95 out of 100. The evaluation determined the academy curriculum and structure are designed to meet current and projected workforce needs.

Sarasota County / North Port High School

CONSTRUCTION
- The regional workforce board (Region 1B), Banner Center for Construction, Sarasota School District and local/national industry partners have formed a working relationship based on NCCER and OSHA industry certification for students.
- The North Port High School Construction Technology Academy provides multiple training pathways including architecture, green construction, construction management and construction trades.

More articles on inside back cover.

MORE ARTICLES ON INSIDE BACK COVER

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Driven by Workforce Needs

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Evolution to Meet Changing Industry Needs

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Matt Clark, Okaloosa/CHOICE, provides NCCER and OSHA training onsite.

MORE ARTICLES ON INSIDE BACK COVER

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Sarasota County
North Port High School

Santa Rosa County
Locklin Technical Center

Evolving to Meet Changing Industry Needs

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Emerging Industries and Emerging Industry Certifications

Alachua County / Sante Fe High School

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St. Johns County / Ponte Vedra High School

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A BRIDGE TO INDUSTRY EVALUATION OF SECONDARY CAREER ACADEMIES

Jennifer Grove, Gulf Power, evaluates Santa Rosa County’s Locklin Technical Center’s Construction/Power Academy

A BANNER CENTER BRIDGE TO SECONDARY CAREER ACADEMIES

Dr. Richard Snyder and Tamara Mandell, both of the UF Banner Center for Biotechnology have developed secondary level curriculum for career academies

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