

**Addressing Specific Student Groups  
Career and Technology Education**

<b>Cluster</b>	<b>Pathway</b>	<b>Local Program</b>
Arts, Media & Communication		None
Business Management & Finance	Finance & Accounting Administrative Services	Business Program
Construction & Development	Construction Maintenance & Operations	Construction HVAC
Consumer Services, Hospitality & Tourism	Food & Beverage	Food Service
Environmental, Agricultural & Natural Resource Systems	Agricultural Production-plants	Agricultural/Horticulture Landscaping & Animal Science
Health & Bio-Science	Therapeutic Services	Health Occupations
Human Resource Services	Law Enforcement Education and Training Services	Protective Services Fire & Rescue Teacher Academy
Information Technology	Hardware Engineering	PC Repair
Manufacturing, Engineering & Technology		None
Transportation Technologies	Transportation Equipment	Automotive

**1. Describe the school system’s progress on the implementation and expansion of Career and Technology Education(CTE) Programs of Study within Career Clusters as a strategy to prepare more students who graduate ready for entry into college and careers.**

Somerset County Public Schools has expanded one program in the Human Resources Cluster and added another. The Teacher Academy Program expanded to include a second year of the program. There were five students in the first completer class, four of whom received scholarships to continue their education. All five students are now enrolled in the new second year program.

The initial year of the Fire and Rescue Program resulted in all eight of the students completing the program. Employment opportunities continue to be available in the Somerset area. Two of the students are continuing their education to become paramedics.

Contact has been made with DelTech to articulate the HVAC Program in the Construction Cluster. The CTE administration will accelerate efforts in 2008-2009 to complete the articulation agreement.

Planning to include a Certified Professional Horticulturist(CPH) Program in the Environmental Agricultural and Natural Resource System Cluster has not progressed well due to difficult testing resulting in few students becoming certified across the state.

The Business Management and Finance Cluster were expanded. Accounting and Marketing completers articulated with Wor Wic Community College. All business classes were moved to the Technology and Career Center to emphasize their stature as a part of the CTE program.

The Automotive Repair Program in the Transportation Cluster did a self study to renew its ASE Certification. Recertification was received July 2008.

**2. What strategies are in place to ensure access to CTE programs and success for every student in CTE Program of Study, including students who are members of special populations?**

1.1.7 Develop and implement a plan to market and promote the Career & Technology Center

**Status:** Administrators and CTE teachers will continue to visit the elementary schools during their career days to do demonstrations and answer questions about the CTE programs offered in the county. Community outreach programs such as an open house during the *Skills USA* competition and participation in the local Christmas parades will also continue. A survey class for all of the Grade 8 students in Somerset will begin in 2008-09 to introduce all of the students to the CTE programs offered in the school system.

3.7.2 Provide on-going support to teachers as they incorporate differentiated learning strategies in their classrooms.

**STATUS:** Every teacher is provided professional development on special education inclusion and working with student with an IEP. Every CTE teacher will attend professional development on differentiated instruction.

1.1.13 Provide training for CTE teachers in using math strategies to provide more math in the CTE programs.

**STATUS:** Every CTE teacher attended a workshop in the summer on how to include math in every lesson and preparing student to use math in their area. There will be follow up activities in which teachers will be observed. The administration conducted walkthroughs to insure math strategies were included in every lesson. This will continue in the 2008-2009 school year.

1.1.18.1 Articulate the Teacher Academy course with Wor Wic Community College.

**STATUS:** The Teacher Academy Program is articulated with Wor Wic Community College.

2.1.15 Maintain and promote an “Open House Day” in the county calendar for parent, student and community visits.

**STATUS:** An open house is held every year in conjunction with the local *Skills USA* competition so the students can show their skills and the public is invited. An “Open House” is planned for the 2008-2009 school year.

2.1.21 Develop and implement a process for dissemination of successful practices of communicating in first language with ELL families.

**STATUS:** Every teacher attended professional development on basic Spanish so they will be able to help our Spanish speaking students and teachers communicate with their parents.

The CTE staff also participates in After-School Professional Development (APD) and frequently joins other secondary staffs. This provides great opportunities to not only learn together but for CTE teachers to collaborate with the core academic program teachers.

There are many avenues and opportunities to help all students, especially the students in special populations as well as at risk students. They include:

- Funds for scholarships through the WorkForce Development Program for students attending Wor Wic or DelTech are made available.
- In a effort to increase the number of at risk students attending higher education institution programs, money is available for students to take college level classes during their senior year in high school.
- Bi-Monthly testing is provided for all CTE students for potential entrance into Wor Wic beginning in September 2009 (this is an opportunity for students to improve placement scores to avoid remediation classes.)
- Students who are struggling to complete graduation requirements may choose to seek an alternative diploma track while continuing their CTE program (i.e. EDP, GED).
- At risk students from almost all CTE areas are given the opportunity to participate in paid internships to determine if this is the occupation they want to pursue as a career.
- Students have the opportunity to explore more than one career to decide what they are best suited to pursue.
- Students have the opportunity to job shadow in the field of their choice.
- On site visitations are provided in all CTE fields.
- Throughout every student’s CTE experience including at risk students, each is provided support services in counseling, tutoring, transportation, internships, tuition free summer school, and if needed, summer employment and appropriate job attire to make sure they have every opportunity to succeed in their chosen field.

