

## Worcester Technical High School

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*"The mission of Worcester Technical High School is to educate and prepare our students both academically and technically to meet the challenges of a global society."*

**School Type:** Worcester Technical High School (WTHS), is a vocational-technical high school

### AES Curriculum:

- ITCenter21:Computer Applications
- ITCenter21:Introduction to Business
- HealthCenter21
  - Health Care Foundations
  - Multi-Skilled Nursing Asst.
  - Medical Office Asst.

### Contact:

- Kyle Brenner /InfoTech. and Business Svcs.
- Michelle Emond /Allied Health Dept.

## State-of-the Art School enjoys the versatility of the AES Programs to train their students to succeed

When Kyle Brenner, Department Head for Business Information Systems, is asked the question, "Where are the AES business programs used in your school?" he explains that **every department in the school uses units from the ITCenter21** programs to cover elements of the educational standards, written for the state of Massachusetts. Therefore...no matter if the students are enrolled in courses for Construction/Carpentry or even Allied Health and other areas, they use the AES programs to teach the following topics:

- Employability Knowledge and Skills
- Management and Entrepreneurship Knowledge and Skills
- Technological Knowledge and Skills

Mr. Brenner clarifies that all students at the school are required to cover all the "strands," outlined in the standards, and he feels that the **IT21:Computer Applications and Introduction to Business courses play an integral part in achieving this mandate.**

Brenner goes on to talk about how the **differentiated instruction allows students from all backgrounds to learn.** He appreciates the fact that there is no idle time, and students can pick up where they left off very easily. In addition, students can work on the units at any of the computers in various locations throughout the school building. He is quick to point out that the reinforcement that the students receive throughout the programs allows for much better understanding of the concepts, and the rich media of the presentations keep his students much more engaged than traditional teaching methods. "My students enjoy the AES programs much more than they do the textbook!" he adds.



### ITCenter21 curriculum is available for:

- **Introduction to Computers and IT**
- **Computer Applications**
- **Introduction to Business**

Over in another area of this fine building, Michelle Emond, Department Head for Allied Health uses the HealthCenter21 programs in her Health Science courses. She appreciates the fact that, unlike the textbook, **the information is constantly being updated**, so her students can always access the “latest and greatest” information, a key factor in such a rapidly-changing health industry.

Ms. Emond talks about the fact that **the auditory and visual capabilities of the programs allow for better understanding of the content** that students are required to learn and she concurs with Mr. Brenner that she enjoys that the programs are self-paced, and students can spend more time on units that are particularly challenging. For the Juniors that she teaches, Ms. Edmond uses the content **to reinforce the learning before her students take certification tests**.

From a teacher’s perspective, Mr. Brenner points out that the webTRAC Management System is easy to use, and he enjoys the fact that **any of the content can be customized to fit specific needs** with the powerful editing tool that comes with the programs. At the same time, however, he admits that the curriculum is well designed, and is a time saver for instructors who don’t need to create their own content outside of the classroom.

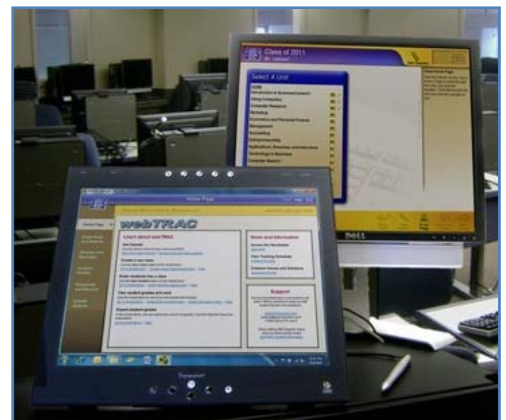
Both instructors admit that there are many benefits to the AES programs, and reiterate the fact that their students appreciate the computer-driven learning. “It really helps to keep them engaged and on-task!”

*Applied Educational Systems, Inc.* is a nationally recognized leader in the development of computer-driven curriculum solutions for career and technical education. Based in Lititz, Pennsylvania, AES has delivered curriculum products to over 2,000 classrooms nationwide over the past 22 years. Applied Educational Systems was voted one of the 40 *Best Places to Work in Pennsylvania*® in 2008.

**HealthCenter21 curriculum is available for:**

- **Health Care Foundations**
- **Multi-Skilled Nursing Assistant**
- **Medical Office Assistant**
- **Emergency Medical Services**

All standards-based AES curriculum can be customized for a variety of class settings and includes a complete **lab management software** package called WebTRAC. WebTRAC is a server-based system that provides comprehensive tracking, reporting, assessment, and control of all aspects of the classroom, including **student data and student work**. This system allows curriculum to be delivered easily to any computer in the school.



## Applied Educational Systems

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