

## Eligibility

The Technology Academy will enroll 100 ninth-graders each year. Students will be selected through an application process, which is open to any current eighth-grade student and select high school students citywide.

## Application Deadline

Applications for the Technology Academy are due February 1, 2010. Middle School students should submit all application materials to their middle school guidance counselor. Current high school students should contact Mrs. Diehl for instructions on how to submit their application by calling 648-5500 ext. 85526 or by e-mail at [rdiehl@vbschools.com](mailto:rdiehl@vbschools.com).

Applications for school year 2010-2011 are currently available at all Virginia Beach middle and high schools and can also be found on the school division's Web site -- [www.vbschools.com](http://www.vbschools.com) -- under Your Favorite Pages—Academy Programs.

## Admissions Policy

Students will be selected on the basis of their interest in and aptitude for technology, their school records, written essay, teacher recommendations, and parent information sheets. In addition, all applicants will be required to demonstrate their ability in the field of technology through an electronic portfolio that includes **three** of the following items:

- multimedia presentation
- newsletter
- collection of web pages
- technical manual
- architectural design
- database
- a project proposal
- brochure
- logo design
- complex machine design
- electronic resume



## Selection Committee

A selection committee comprised of educators, community members, and technology experts will review the applications of all qualified candidates. In making their selections, the committee will review and consider the following criteria:

- teacher recommendation
- parent recommendation
- achievement data
- student essay
- electronic portfolio

Students will be ranked and the top scorers will be recommended for admission to the Landstown Technology Academy. Acceptance letters and letters of intent will be mailed on March 12, 2010. Letters of intent to attend the Academy must be returned to the Coordinator by April 12, 2010.

## Transportation

Transportation to Landstown High School will be provided by the school division for all students enrolled in the Technology Academy.

**James G. Merrill, Ed.D., Superintendent**

Visit our Web site at  
[www.landstownhs.vbschools.com](http://www.landstownhs.vbschools.com)  
for more information

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Alternative formats of this publication which may include taped, Braille, or large print materials are available upon request for individuals with disabilities. Call or write Landstown High School, 2001 Concert Drive, Virginia Beach, Virginia 23456, Telephone : 757-648-5500 ext. 85526; Fax : 757-468-1860.



# Landstown High School And Technology Academy

*Mr. Brian Baxter  
Principal*

*Mrs. Lisette Diehl  
Technology Academy  
Coordinator*



# The Technology Academy At Landstown High School

The Landstown Technology Academy opened as a school-within-a-school at Landstown High School in September of 2001. It features a cutting-edge curriculum especially designed for students with a deep interest in and talent for technology. Students attending the Technology Academy have multiple opportunities for taking advanced courses, participating in the dual enrollment program with Tidewater Community College (TCC), and opting for special programs such as mentorships and internships.

The innovative learning environment of the Technology Academy also provides students the added advantage of combining academic and technical training that will prepare them for a variety of post-graduation choices: entry-level jobs, advanced technology training, college or university studies. Students are drawn from across the city and may choose either the Standard Diploma Program or the Advanced Studies Diploma Program. Students may pursue a variety of academic choices, including industry certification programs, obtaining a certificate from TCC, and earning an associate's degree from TCC in conjunction with a high school diploma.



## Program of Study

Three major career strands – Information Technology, Pre-engineering Technology, and Entrepreneurship Technology – comprise the program of study. In addition, all programs will have entry and exit points within the curriculum strands so that students have increased flexibility in career and college choices. For example, should a student decide to change from a concentration in Information Technology to one in Entrepreneurship Technology, this is possible in the academic program. A benefit of this flexibility is that a student is not locked into a program for the duration of his or her high school career. Students are required to complete three full electives in a strand in order to complete their Academy requirements.



## Core Academy Curriculum

The following courses will serve as the Core Academy Curriculum with additional courses added as the Academy develops. Other technology courses will be offered through an agreement with TCC and the Advanced Technology Center.

### Information Technology

- Information Technology Fundamentals
- Web-based Development and Administration
- Database Management and Administration
- Advanced Database Management and Administration

### Pre-Engineering Technology

- Basic Technical Drawing
- Architectural Drawing
- Engineering Drawing
- Introduction to Engineering

- Engineering Design and Development
- Electricity/Electronics I
- Electricity/Electronics II
- Technical IT Support/Wireless Networking
- Robotics
- Geo Spatial Technology
- Digital Visualization
- Bioengineering

### Entrepreneurship Technology

- Principles of Marketing
- Entrepreneurship
- Advanced Entrepreneurship
- International Marketing/Global Marketing and Commerce
- Advanced International Marketing/Global Marketing and Commerce
- Internet Marketing
- Travel and Tourism
- Travel and Tourism CO-OP
- Advanced Travel and Tourism
- Advanced Travel and Tourism CO-OP
- Sports, Entertainment, and Recreation Marketing
- Sports, Entertainment, and Recreation Marketing CO-OP
- Advanced Sports, Entertainment, and Recreation Marketing
- Advanced Sports, Entertainment, and Recreation Marketing CO-OP

For additional information on our program and courses, please visit us on Face Book /Landstown Technology Academy or on the school web site at :  
[www.landstownhs.vbschools.com](http://www.landstownhs.vbschools.com).