COURSE & PATHWAY
DESCRIPTIONS

WEB DEVELOPMENT COURSES

Foundations of Web Design
User Interface Design
Web Scripting Fundamentals
Web Design 4

WEB DEVELOPMENT

Throughout the Web Development paths students will learn to use basic coding such as HTML and CSS to the more advanced coding of JavaScript. First year Web Development students will take the class Foundations of Web Design. They will get instruction on planning websites and the design process, also instructions on markup language structures, basic webpages, incorporating images and graphical formatting. User Interface Design is the second year of Web Development. In this class students learn to incorporate Human Computer Interface (HCI). The final year of Web Development is Web Scripting Fundamentals and in this class they will learn server-side and client-side scripting, client-side scripting languages such as JavaScript, VBScript, and ECMAScript. Also includes the Document Object Model (DOM), designing, writing, debugging and incorporating a JavaScript client-side script into webpages. Certifications for all three classes include Adobe Dreamweaver CC and Adobe Flash CC.

FOUNDATIONS OF WEB DESIGN

This course provides instruction in website planning and the design process. It includes instruction on markup language structures such as HTML 5 and CSS 3, basic webpages, incorporates images and graphical formatting. The content also includes table, form and frame structures, use of Cascading Style Sheets, the process of publishing a website, monitoring and analyzing website performance and creating an informational website.

USER INTERFACE DESIGN

This course provides instruction in incorporating Human Computer Interface (HCI) principles of design, researching information for use in designing the user interface, creating intuitive interfaces using Cascading Style Sheets (CSS), creating a CSS formatted informational website, creating a logical website file structure, and publishing, testing, monitoring and maintaining a website.

WEB SCRIPTING FUNDAMENTALS

This course provides instruction in server-side and client-side scripting, client-side scripting languages (JavaScript, VBScript, and ECMAScript). The content alsoincludes the Document Object Model (DOM), designing, writing, debugging and incorporating a JavaScript client-side script into webpage, incorporate basic JavaScript form validation and form handling, advanced JavaScript techniques and accessibility issues. Students will select and modify appropriate library and pre-built JavaScript to incorporate into webpage.

WEB DESIGN 4

This course provides advanced concepts in web site promotion, interactive web site development, and using scripting languages as they relate to WWW site.

For a complete description of each course, see the OFHS Curriculum Guide, which is found on the school website.

PERSONALIZED LEARNING

CREATING A LASTING SHIFT IN LEARNING

Pinellas County Schools has launched Pinellas Innovates: Pathways to Personalized Learning, a long-range plan to personalize learning throughout the district.

Personalized Learning is tailored to what when, where and how students learn best. It enables students to take ownership of their learning and helps them to develop deep connections with each other, their teachers and other adults.

Pinellas Innovates will transform what the district is doing in schools on a daily basis. Instruction will move beyond a one-size-fits-all approach. Learning will be paced to each student's individual needs.

Pinellas Innovates
Pathways to Personalized Learning

VISION

Pinellas County Schools envisions a student-centered culture for learning that connects instruction, curriculum, and outcomes to the unique talents, skills, passions and attributes of each child while recognizing individual needs.

STUDENT VOICE & CHOICE!

CLUBS

Future Business Leaders of America (FBLA) is the largest student business organization in the country with over 250,000 members. FBLA is the premiere student organization that aligns with all Warrior Academy courses. In Florida, FBLA functions as an integral part of the instructional program of the business education program in secondary schools.

NLC National Winners   Fall Motivational Rally

Students involved in FBLA participate in a variety of competitions, community service projects, fundraisers , and networking events throughout the year.

NTHS helps members with their achievements in the workforce, offers scholarships for higher education, and teaches excellence in career and technical education. NTHS strives to bring well deserved recognition, scholarship opportunities, and career opportunities to students who excel in various career and technical educational fields as their profession.

STN was started by a group of teachers who wanted to support and encourage scholastic broadcasting and to provide a forum for teachers to share ideas, ask questions, and learn from professionals in the industry. Over the past 15 years, STN has expanded to include film, media and other forms of communication taught in high schools and middle schools. STN serves teachers and students with curriculum, communication and competitions year-round.

CERTIFICATIONS

MICROSOFT OFFICE SPECIALIST/EXPERT

Word ~ Excel ~ PowerPoint
Outlook ~ Access

ADOBE CERTIFIED ASSOCIATE

Dreamweaver ~ Photoshop
Illustrator ~ InDesign ~ Flash

MICROSOFT TECHNOLOGY ASSOCIATE

MTA Networking Fundamentals +
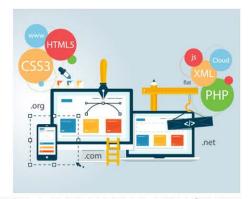MTA Security Fundamentals +
CompTIA Security Plus

APPLE

Final Cut Pro

Students have the opportunity to earn various industry certifications throughout all pathways.

OSCEOLA FUNDAMENTAL HIGH SCHOOL

WARRIOR ACADEMY
TECHNOLOGY ✦ INNOVATION ✦ PERSONALIZATION

WEB DEVELOPMENT

OSCEOLA FUNDAMENTAL HIGH SCHOOL
9751 98TH STREET NORTH :: SEMINOLE, FL 33777
(727) 547-7717 :: FAX (727) 545-6412
WWW.PCSB.ORG/OSCEOLA-HS