



CAREER ACADEMIES OF SEMINOLE

12611 86th Ave. Seminole FL. 33776 727-545-6405 www.pcsb.org/CAS



Returning & New students to CAS! If you'd like to take classes on our campus, please fill out your course request forms and mention Career Academies of Seminole (or CAS) classes.



CONSTRUCTION TECHNOLOGY GRADES 9-12 NCCER & OSHA CERTIFICATIONS AVAILABLE



Building and construction technology offers students the opportunity to explore careers in the areas of construction, entrepreneurship, and carpentry. National Center for Construction Education and Research (NCCER) certifications and OSHA training are available.

Topics covered include:

*Carpentry & construction basics *Drywall work *Entrepreneurship *Hand & power tools and safety *Blueprints *Plumbing *Masonry



ELECTRICITY GRADES 9-12 NCCER & OSHA CERTIFICATIONS AVAILABLE



The electricity program covers everything you would want to know about the basics of electricity and basic circuit wiring. National Center for Construction Education and Research (NCCER) certifications and OSHA training are available.

Topics covered include:

*Basic Wiring *Electrical circuits *Entrepreneurship *Contract wiring *Electronic troubleshooting & repair



SOLAR ENGINEERING GRADES 9-12 NCCER & OSHA CERTIFICATIONS AVAILABLE



Hands-on projects converting radiant energy to heat or, actual full size solar panel projects running lights and design creations by students. Students will find the most appropriate position for a solar panel array with the use of the Solar Eye - GPS location instrument and much more!

Topics covered include:

*Solar Wiring *Installation *Entrepreneurship *Solar troubleshooting & repair



COMMERCIAL & DIGITAL ARTS GRADES 9 - 12 * ADOBE CERTIFICATION AVAILABLE



For the creative, career oriented student who is interested in taking their existing artistic skills studying the entire spectrum of digital art and graphic design. Students can also use a laser engraver, direct-to-garment clothing printer, design and assemble outdoor banners and signs, learn design basics and methodology, create packaging, logos, posters, stickers, billboards, shirts, illustrations and drawings and also design real work for the community businesses

Topics covered include:

*Advertising / Marketing *Illustration *Typography *Branding *Adobe Illustrator, Photoshop and InDesign *Art and Design history

GAMING/PROGRAMMING GRADES 9-12 MICROSOFT TECH. ASSOCIATE CERTIFICATIONS AVAILABLE



Turn your passion for gaming into an exciting career such as game or simulation designer, graphic artist, or 3-D animator. This program is project-based and focuses on production planning, elements of production design, storyboarding, elements of visual design, integration of digital audio and digital video into new game/simulation productions, programming for single and multi-user environments, delivery systems, and collaboration/teamwork.

Topics covered include:

* Storyboarding *2D/3D design *Graphic animation *Coding / programming *Video & audio effects

VISUAL DESIGN FOR GAMING GRADES 9-12 MICROSOFT TECH. ASSOCIATE CERTIFICATIONS AVAILABLE

Take the next step in your gaming education by learning how games get their look. This immersive curriculum has students concepting, refining and creating 2D graphics and 3D graphics for games and simulation. Students learn how to use Adobe Photoshop and Illustrator as well as other industry software. Topics include universal design, art history, illustration and concept sketching and more - all which help gaming students develop their portfolio as designers and prepares them for upper levels in the Game class.

Topics covered include:

* Storyboarding *2D/3D design *Character design *Environment creation *Concept Sketching

NURSING GRADES 9-12 CERTIFICATIONS AVAILABLE

Nursing assistant program provides an exciting pathway to a career in nursing which will start right here! The program provides hands-on real world training and 40 clinical hours which can be applied to the 600 clinical hours required in the Licensed Practical Nursing program.

Topics covered include:

* Adult patient Care *Vitals *CPR training *Bloodwork training *Medications

VETERINARY SCIENCES GRADES 9 - 12 * FVMA CERTIFICATION AVAILABLE



CAS students will work with live animals in a hands-on environment. CAS veterinary assisting course will introduce students to transferable skills and stresses understanding and demonstration of the following elements of the veterinary assisting industry: planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues. Certified Veterinary Assistant test through the Florida Veterinary Medical Association is offered..

Topics covered include:

* Practice & Patient management *Health & grooming *Animal husbandry *Exams & surgical procedures *Hands-on with live animals

Seats are limited, so speak with your school counselor today!
All classes are open to 9th - 12th grade students.

Frequently Asked Questions about our school can be found here.
<http://pcsb.org/CAS> in the **About Us** section.