Inspiring Greatness | An Academy of Distinction
At Osceola Fundamental High School
Three CAPE Academies

CTED

Culinary

Engineering (PEMA)

Academies of Distinction
What is a CAPE Academy?

- CAPE ACT
  - Career and Professional Education Act
  - Allows for funding for CTAE Programs
- Requires:
  - Pathways aligned with local industry
  - Industry Certifications
  - Advisory Board

“The Florida Career and Professional Education Act was created to provide a statewide planning partnership between business and education communities, to expand and retain high-value industry, and sustain a vibrant state economy.”
What is CTED?! 

- Center for Technology, Entertainment, and Design
- An Academy of Distinction
- Career, Technology, Industry Focused Career Pathways
- Preparing you for the world of work
Advisory Board

- Meets 6 times a year

- Comprised of:
  - Industry representatives
  - College professors
  - OFHS teachers
  - Administrators
  - Parents
  - CTED Ambassadors

Advisory Board Goals:

- Advise CTED throughout the year helping align courses with industry standards, expectations, and protocols
- Provide opportunities for students in work-based learning
- Assist in FBLA and other various related CTED events throughout the year
Industry Aligned Pathways & Courses

- DIT
- Digital Design
- Web Development
- Digital Media Technology
- Sports Marketing
- Cyber Security
- Programming
- Entrepreneurship
- AP Comp Science
- OJ T
Digital Information Technology

PREPARE STUDENTS FOR THE WORLD OF WORK WITH HIRABLE SKILLS!

FOR CAREERS THAT DON’T EXIST YET!

- Presentations
- Career Exploration
- Resumes/Cover Letters
- Business Documents
- Soft Skills
- Professional Dress
- A little bit of:
  - Web design
  - Graphic Design
  - Networking/Computer Science
Industry Certifications

- Microsoft Office Specialist
- Microsoft Office Specialist
- Microsoft Office Specialist
- Microsoft Office Specialist
- Microsoft Office Specialist
Digital Information Technology

Meets Graduation Requirements:

- Practical/Fine Arts
- Online*
- Math/Science credit!*

*Must Pass Bundle Certification - Word, Excel, PowerPoint*
Applied Cyber Security Pathway *

- Computer and Network Fundamentals
- Security Fundamentals
- Operational Cyber Security
Programming Pathway *

- Foundations of Programming
- Procedural Programming
- Object-Oriented Programming Fundamentals
  - (Industry Certifications - include Python, Javascript and Java)
Digital Design Pathway

- Adobe
  - InDesign
  - Illustrator
  - Photoshop
- Logo/Branding
- Illustrations
- Publications
- Commercial Art
Sports Marketing Pathway

- Sports, Recreation, and Entertainment Essentials
- Sports, Recreation, and Entertainment Applications
- Sports, Recreation, and Entertainment Management
Digital Media Technology

- Digital Media Fundamentals
- Digital Media Production Systems
- Digital Media Delivery Systems
- Advanced Digital Media Systems
- Live Morning Show
- Award Winning
Web Development Pathway

- Foundations of Web Design
- User Interface Design
- Web Scripting Fundamentals
Business Management and Analysis

- Business and Entrepreneurial Principles
- Management and Human Resources
- Legal Aspects of Business
On the Job Training

- Students who meet eligibility requirements can earn elective credit(s) for continuous employment and qualify for either one or two release periods.

- Eligibility Requirements:
  - Maintain employment related to a c.TED Pathway throughout course
  - 2.0 cumulative GPA
  - Parent Permission
  - Approval from OJT Coordinator

- For more info: eetenje@pcsb.org (Mr. Eeten)
Industry Certifications

- Microsoft Office Specialist (MOS)
  - Word
  - Excel
  - PowerPoint
  - Outlook
  - Access
- Microsoft Expert
  - Word
  - Excel
- Apple
  - Final Cut Pro X
- Entrepreneurship & Small Business
- Web Design
  - HTML5 & CSS3
- Adobe Certified Associate (ACA)
  - Photoshop
  - Dreamweaver
  - Flash
  - InDesign
  - Illustrator
  - Premiere Pro
  - After Effects
  - Animate
- Security
  - MTA Network
  - MTA Security
  - CompTIA Security Plus

CTED
Future Business Leaders of America

- Student led organization
- Competitions
  - District, State, Nationals
- Field Trips
- Fall Motivational Rally
- Community Service
- Guest Speakers
- Fundraising
- GOLF TOURNAMENT

For more info:
osceolafbla.weebly.com/ & www.fbla-pbl.org
National Winners!

- **National Winners 2013 – Anaheim, CA**
  - 1st place – Matt Cortez - Desktop Application Programming
  - 3rd Place – Matt Cortez - Microsoft Word Expert
  - 5th Place – Ashley Machie - Microsoft Office Excel

- **National Winners 2014 – Nashville, TN**
  - 3rd place – Connor Hill - Database Design and Application
  - 7th Place – Sam Rankin - Desktop Application Programming

- **National Winners 2015 – Chicago, IL**
  - 3rd Place – Connor Hill, Kailey White - Digital Design & Promotion
  - 9th Place – Furkan Memon, Savannah Bedillion, Jonathan Moreno - Digital Video

- **National Winners 2018 – Baltimore, MD**
  - 2nd place – Mackenzie Moreno - Sales Presentation
  - 3rd Place – AJ Heflin, Wyatt Morris, Adriana Hansen - Web Development

NATIONALS 2020 – SALT LAKE CITY!
MORE Clubs & Opportunities!

NTHS Computer Science Club
Next Generation Tech Competition
INDUSTRY CERTIFICATIONS

How Industry Certifications Can Change My Career Trajectory!
There is a GROWING DEMAND for STEM jobs
STEM jobs (6% of middle jobs; 1.3% of all jobs)
Healthcare & Tech jobs (9% of middle jobs; 1.9% of all jobs)
Food & prof. srvs. jobs (5% of middle jobs; 1.1% of all jobs)
Blue collar jobs (32% of middle jobs; 6.6% of all jobs)
Mgmt. & prof office jobs (25% of middle jobs; 5.2% of all jobs)
Sales & support jobs (23% of middle jobs; 4.7% of all jobs)
Why get INDUSTRY CERTIFIED?
**Relevance**
Market-driven
Reflect current industry needs

**Accountability**
3rd Party Validation of skills
Outcome-based education (Perkins)

**Consistency**
Policy-agnostic
Standardized testing protocols (driven by 3rd party)

**Portability**
Transcend regional accreditation
Portable within industry, across geographies
Certifications
GET YOU JOBS!
Only 1 in 3 CTE students even have the opportunity to earn an industry certification.

<table>
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<th>91%</th>
<th>81%</th>
<th>79%</th>
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<td>Consider employee certification as a criterion for hiring</td>
<td>Feel that certified individuals perform better</td>
<td>Feel that certified individuals are more efficient</td>
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BECOME A WINNER!
Visit www.MOSChampionship.com/us for more information.
Visit www.ACAchampionship.com/us for more information.
• Each student is automatically entered into the competitions.
• Goal: Perfect score – quickest time!
• Check your email!
• Summer 2018 - Osceola Fundamental High School student won US MS WORD 2016 & placed 8th in the WORLD championship!
Certifications HELP YOU GRADUATE!
Graduation Requirements

- Taking DIT?
- Pass the class & get certified in Word, Excel, and PowerPoint to earn the MS Bundle
- This gets you the following graduation requirements:
  - Practical arts credit
  - Math Or Science Credit (not Alg 1 or Geo)
  - Online course credit
Certifications
GETS YOU COLLEGE CREDIT!
Many state universities have articulation agreements that will take your industry certifications and apply them to required courses.