CREEKSIDE HIGH SCHOOL
CREEKSIDE HIGH SCHOOL
CAREER ACADEMIES
#motivateinnovateelevate

What is a Career Academy?

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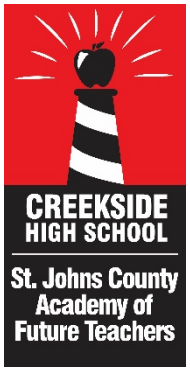
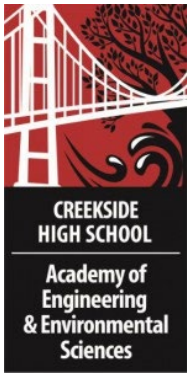




A program of study with a sequence of courses geared towards a career-path.

These recommended courses take the place of an elective on your student's schedule.

Students are surrounded by like minded peers who share the same passion for the subject.

Students become part of a "school body" within their school to connect about subjects they enjoy.

A chance to try out a career and college topic before you actually get to college.

Saves parents thousands of dollars in students switching majors.

Typical 9th Grade Schedule

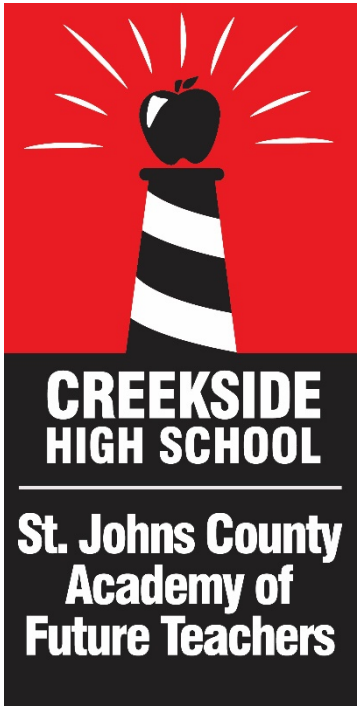
Standard	Advanced
English 1	English 1 Honors
Algebra 1	Algebra 1 Honors, Geometry Honors or Algebra 2 Honors
Environmental Science	Biology Honors or Physical Science Honors
World Cultural Geography	AP Human Geography
HOPE	HOPE
Elective	Elective
Academy Course	Academy Course

What Career Academies are offered at Creekside?

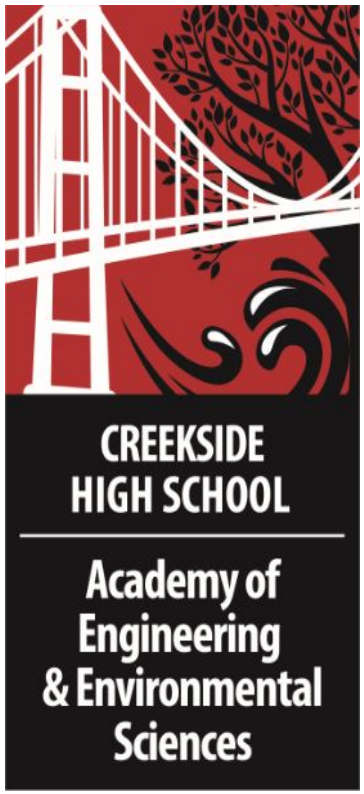
CAREER ACADEMIES of St Johns

- Digital Media
- Cybersecurity
- Financial Technology

Sponsored by Citi



- Environmental Sciences
- Engineering



Adobe® Creative Cloud™

CERTIFIED ASSOCIATE

PROFESSIONAL Ps

PROFESSIONAL Ai

PROFESSIONAL Id

PROFESSIONAL Pr

PROFESSIONAL Ae

Digital Media

Students will learn several Adobe Creative Cloud desktop apps that include skills in web design, vector graphics and illustration, photo editing, video editing, publication layout and more.

CREEKSIDE HIGH SCHOOL
Academy of Emerging Technology

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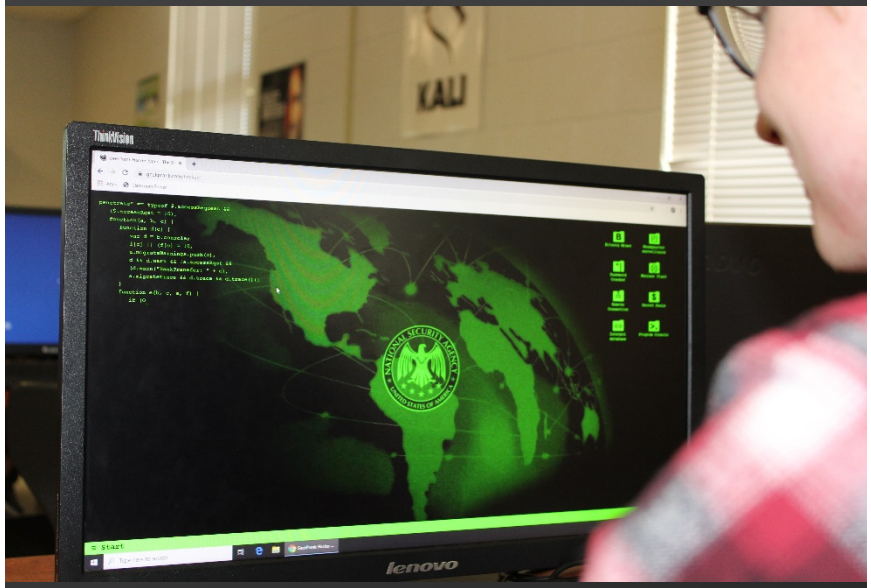


Cybersecurity

Students will be immersed in network security, security vulnerabilities, attack mechanisms and techniques, cryptographic systems as well as other security technology.

KALI LINUX

Microsoft Technology Associate

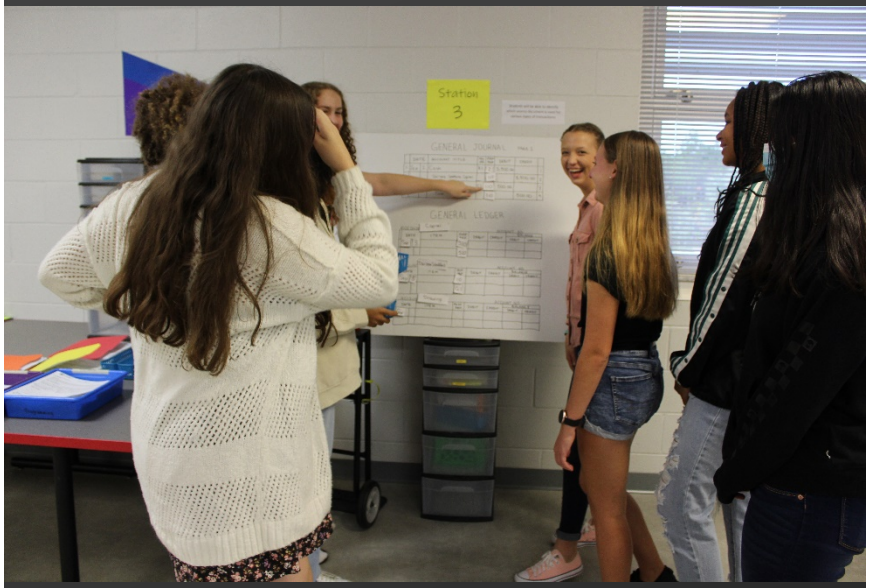
CISCO

python

CODE.org

CREEKSIDE HIGH SCHOOL
Academy of Emerging Technology

Sponsored by Citi



Financial Technology FinTech

Students will be introduced to how technology works, an introduction to applications in financial services, and an added entrepreneurship component through hands-on problem-solving experiences.

Microsoft MTA Introduction to Programming Using JavaScript

intuit quickbooks Certified User Online

ESB Entrepreneurship and Small Business

CREEKSIDE HIGH SCHOOL Academy of Emerging Technology

Sponsored by Citi

Environmental Science

Students will study ecosystem awareness, water quality, air quality, managing hazardous materials, green building technologies, forests and wetlands management, as well as Environmental Legislation.

Arc GIS ESRI

ESRI

NATIONAL GEOGRAPHIC

OSHA

Occupational Safety and Health Administration

U.S. GREEN BUILDING COUNCIL LEED USGBC

AEST CERTIFIED NATURAL RESOURCES

CREEKSIDE HIGH SCHOOL

Academy of Engineering & Environmental Sciences

Engineering

Students in the engineering program will learn the skills and software needed to invent, innovate, design, manage, and build structures or machines.

SOLID Professor

AUTODESK®

MSSC

CREEKSIDE HIGH SCHOOL
Academy of Engineering & Environmental Sciences

Future Teachers

Students are introduced to the teaching profession, human growth and development, curriculum and instruction. Students have numerous opportunities for job shadowing and internships in our local schools.

CREEKSIDE HIGH SCHOOL

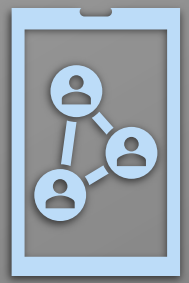
St. Johns County Academy of Future Teachers

A Career Academy is not just your average elective.

Ms. Sinardi

Mr. Wingate

Mr. Davenport



Digital Media

Ms. Ashker

Ms. Pressel

Ms. Russo

Experts as Teachers

Dedicated Business Partners

Network with experts from the field.

HERFF JONES

Florida
Blue

citi

Deutsche Bank

yearup

TIAA

Robert Half
Technology

DE
DESIGN
EXTENSIONS
BRANDING • WEBSITES • MARKETING
M C M X C I X
DESIGNEXTENSIONS.COM

TRUTECHNOLOGY

VyStar
Credit Union

Medtronic

Leonard's

TECHNOLOGY

SecureIdeas
professionally evil

GENERAL DYNAMICS
Information Technology

AGILETECH
BRINGING SOLUTION TO YOUR BUSINESS NEEDS

Johnson & Johnson
Vision Care, Inc.

CareerSource
NORTHEAST FLORIDA

DYMENG
BUSINESS SOFTWARE SOLUTIONS

BLACK KNIGHT
FINANCIAL SERVICES

CRYPSIS

LANDSTAR

ST. JOHNS COUNTY
SCHOOL DISTRICT
SINCE 1869

ULTRATECH
INTERNATIONAL, INC.

ST. JOHNS
RIVER
STATE COLLEGE

UNF

ST. JOHNS COUNTY
FLORIDA

Kleinschmidt

MATTHEWS
DESIGN GROUP

GTM
RESEARCH RESERVE

GISinc

HASKELL

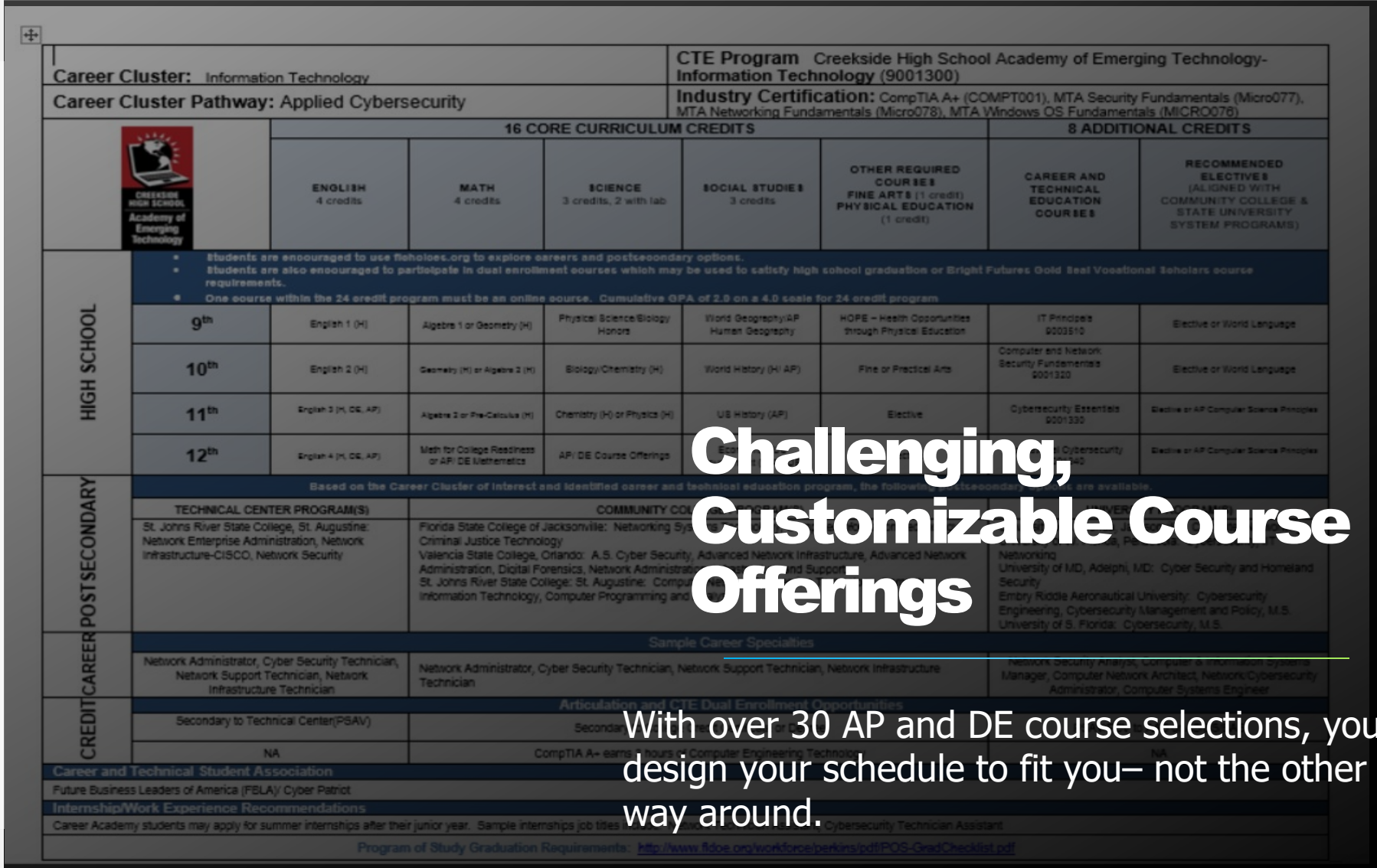
TAYLOR ENGINEERING, INC.

FLAGLER
COLLEGE

ST. JOHNS RIVER
SJR
WATER MANAGEMENT DISTRICT

SYSKA HENNESSY
GROUP

Russell
Rowland



Career Cluster: Information Technology

Career Cluster Pathway: Applied Cybersecurity

CTE Program Creekside High School Academy of Emerging Technology-Information Technology (9001300)

Industry Certification: CompTIA A+ (COMPT001), MTA Security Fundamentals (Micro077), MTA Networking Fundamentals (Micro078), MTA Windows OS Fundamentals (MICRO076)

	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS	
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)
HIGH SCHOOL	• Students are encouraged to use fisheloes.org to explore careers and postsecondary options. • Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. • One course within the 24 credit program must be an online course. Cumulative GPA of 2.9 on a 4.0 scale for 24 credit program						
9th	English 1 (H)	Algebra 1 or Geometry (H)	Physical Science/Biology Honors	World Geography/AP Human Geography	HOPE – Health Opportunities through Physical Education	IT Principles 9003510	Elective or World Language
10th	English 2 (H)	Geometry (H) or Algebra 2 (H)	Biology/Chemistry (H)	World History (H/ AP)	Fine or Practical Arts	Computer and Network Security Fundamentals 9001320	Elective or World Language
11th	English 3 (H, DE, AP)	Algebra 2 or Pre-Calculus (H)	Chemistry (H) or Physics (H)	US History (AP)	Elective	Cybersecurity Essentials 9001330	Elective or AP Computer Science Principles
12th	English 4 (H, DE, AP)	Math for College Readiness or AP/ DE Mathematics	AP/ DE Course Offerings			Cybersecurity	Elective or AP Computer Science Principles

Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.

POSTSECONDARY	TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE	UNIVERSITY
	St. Johns River State College, St. Augustine: Network Enterprise Administration, Network Infrastructure-CISCO, Network Security	Florida State College of Jacksonville: Networking Systems, Criminal Justice Technology Valencia State College, Orlando: A.S. Cyber Security, Advanced Network Infrastructure, Advanced Network Administration, Digital Forensics, Network Administration and Support St. Johns River State College: St. Augustine: Computer Information Technology, Computer Programming and	Networking University of MD, Adelphi, MD: Cyber Security and Homeland Security Embry Riddle Aeronautical University: Cybersecurity Engineering, Cybersecurity Management and Policy, M.S. University of S. Florida: Cybersecurity, M.S.

CAREER	Sample Career Specialties		
	Network Administrator, Cyber Security Technician, Network Support Technician, Network Infrastructure Technician	Network Administrator, Cyber Security Technician, Network Support Technician, Network Infrastructure Technician	Manager, Computer Network Architect, Network/Cybersecurity Administrator, Computer Systems Engineer

CREDIT	Articulation and CTE Dual Enrollment Opportunities		
	Secondary to Technical Center(PSAV)	Secondary to [illegible]	
	NA	CompTIA A+ earns [illegible] hours of Computer Engineering Technology	NA

Career and Technical Student Association

Future Business Leaders of America (FBLA)/ Cyber Patriot

Internship/Work Experience Recommendations

Career Academy students may apply for summer internships after their junior year. Sample internships job titles [illegible] Cybersecurity Technician Assistant

Program of Study Graduation Requirements: http://www.fldoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf

Challenging, Customizable Course Offerings

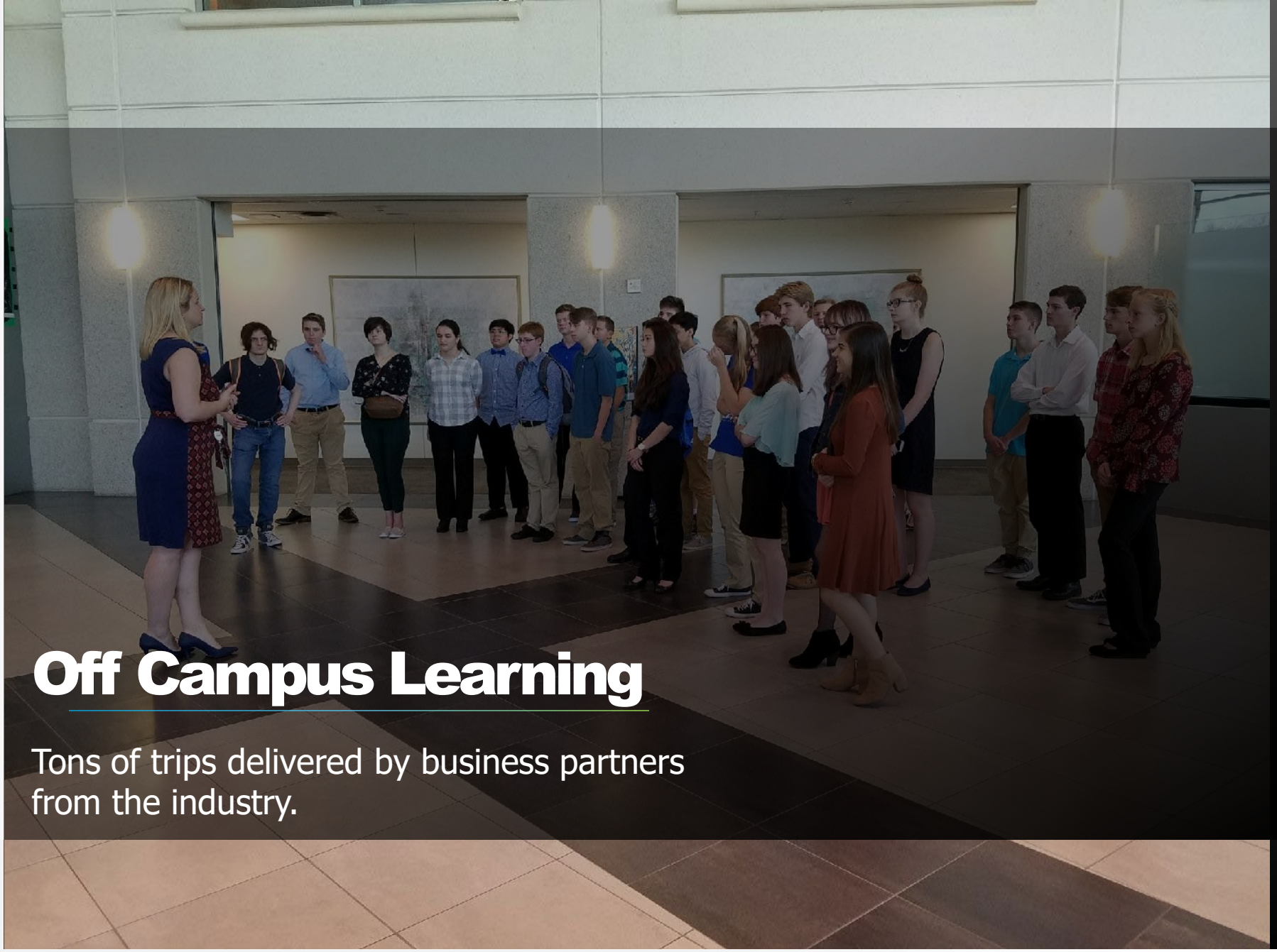
With over 30 AP and DE course selections, you design your schedule to fit you– not the other way around.

Industry Certifications

Develop your resume while in high school.

Innovative Technology

Learn using industry tools.



Off Campus Learning

Tons of trips delivered by business partners from the industry.

EXIT
CREEKSIDE

2013-2014

CBS 47
LITE & RADAR
FLORIDA
STOWE
VT
NIKE

Summer Internships

Work with the experts.

citi

MATTHEWS
DESIGN GROUP

College Visits

Decide your next path by experiencing the post-secondary school first hand.

EMBRY-RIDDLE
Aeronautical University

Clubs

Connect with friends who are passionate about the same topics as you.

CyberPatriot
INTEGRITY, SERVICE, EXCELLENCE
NATIONAL YOUTH CYBER EDUCATION PROGRAM

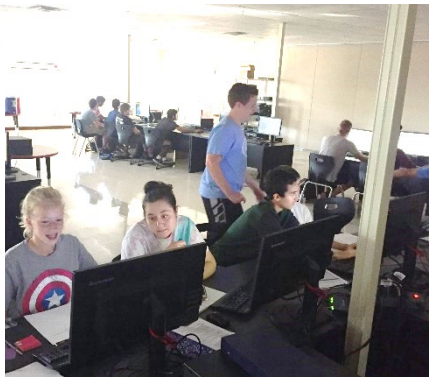
FBLA

NTHS
National Technical Honor Society

ACE MENTOR PROGRAM
ARCHITECTURE • CONSTRUCTION • ENGINEERING

ENVIRONMENTAL CLUB

FUTURE EDUCATORS OF AMERICA
FLORIDA

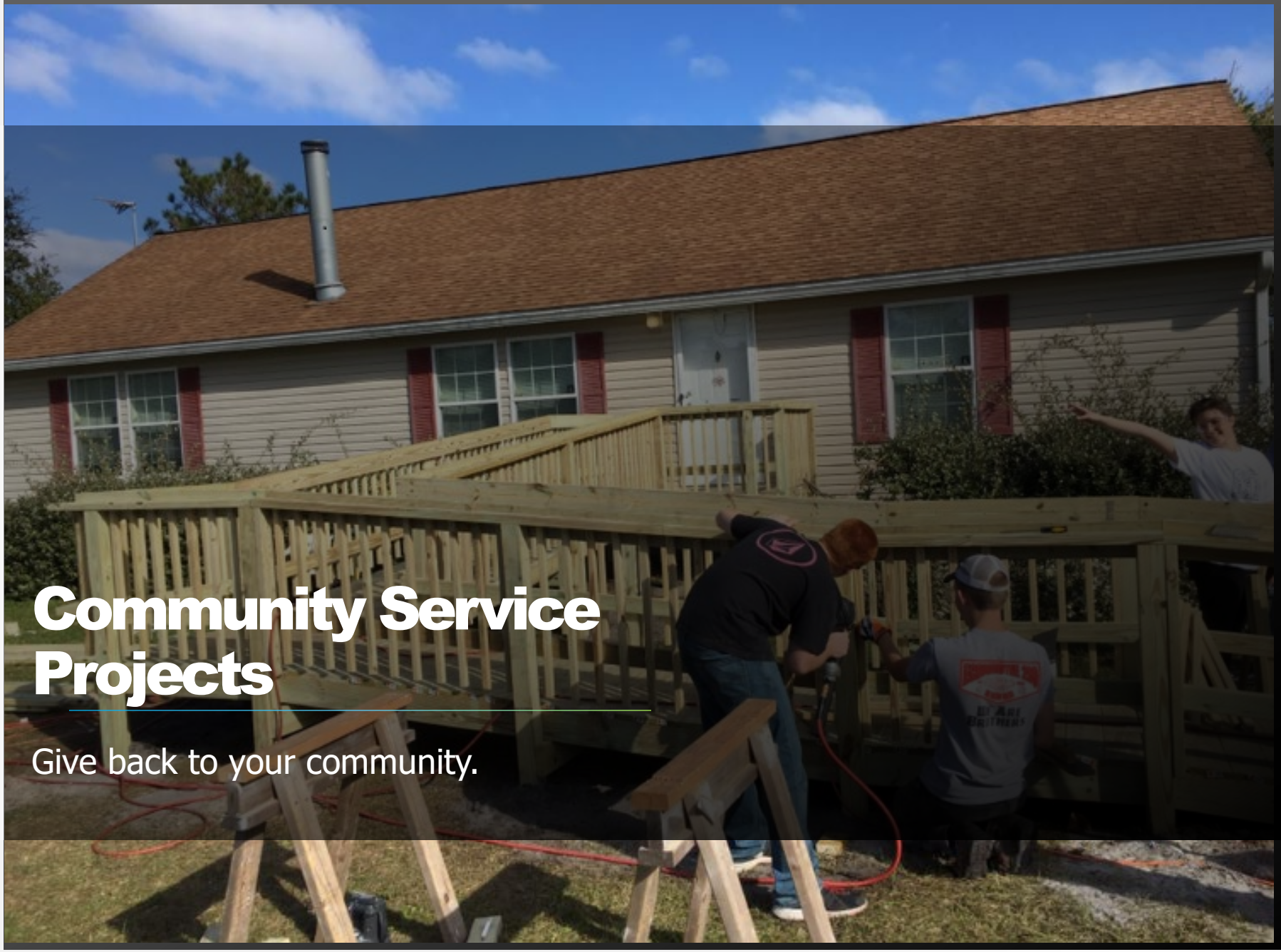


ncl
THE NATIONAL CYBER LEAGUE

Engineering Club

swe™
Society of Women Engineers

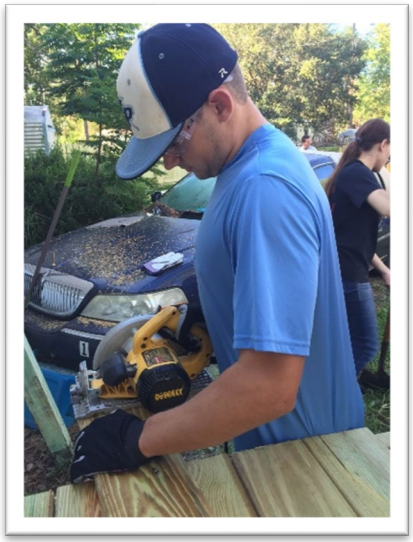
Geospatial Mapping Club



Community Service Projects

Give back to your community.

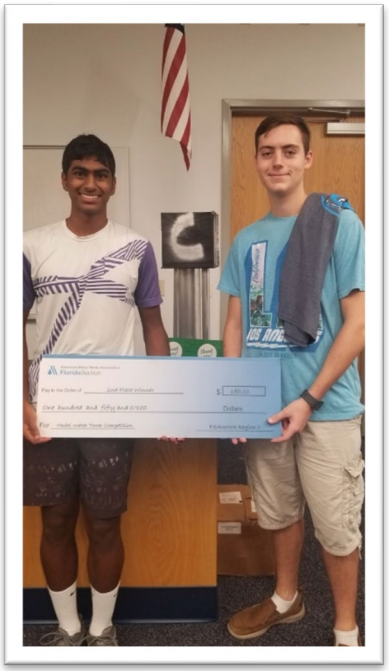
NO
PARKING



Creekside
American Heart Association

Competitions

Challenge yourself and your team



Welcome to GIS-Pro 2017:
URISA's 55th Annual Conference
THANK YOU
PREMIUM
SPONSORS
SHOW HOURS

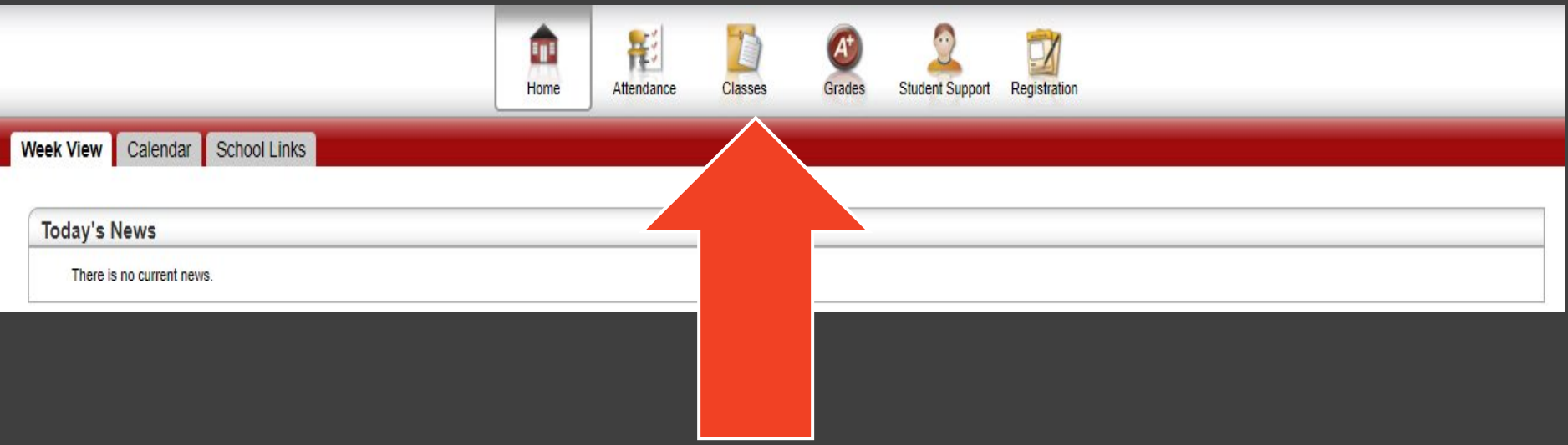
Deadline to Apply

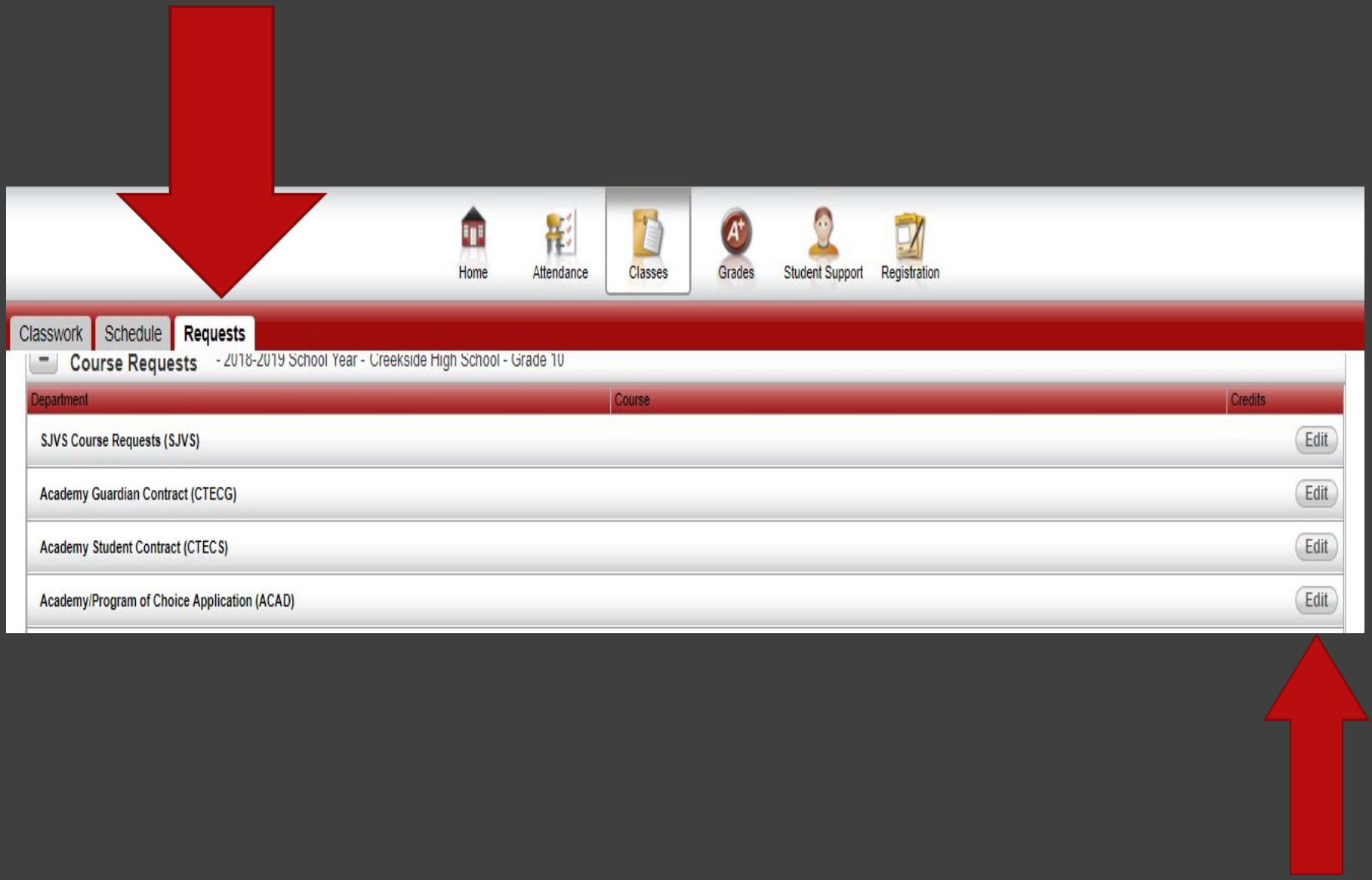
February 10th @ 5:00pm

Career Academy Application Deadline

Decision email will be sent via HAC email by the end of February

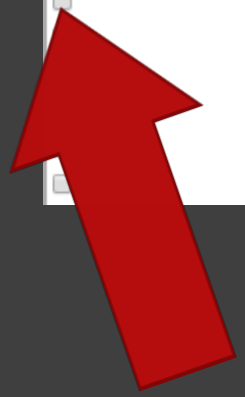
Log in to HAC using your student account credentials.

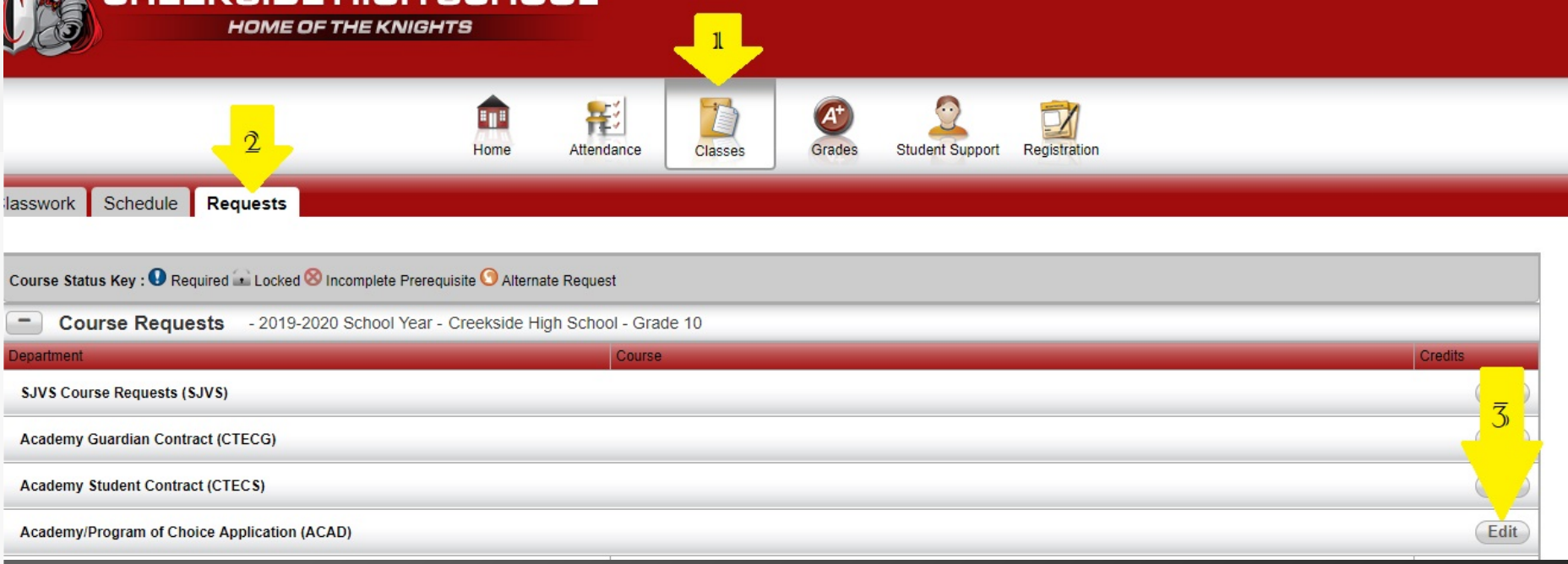

Home
Attendance
Classes
Grades
Student Support
Registration
Week View
Calendar
School Links
Today's News
There is no current news.


Home
Attendance
Classes
Grades
Student Support
Registration
Classwork
Schedule
Requests
Course Requests
- 2018-2019 School Year - Creekside High School - Grade 10
Department
Course
Credits
SJVS Course Requests (SJVS)
Edit
Academy Guardian Contract (CTECG)
Edit
Academy Student Contract (CTECS)
Edit
Academy/Program of Choice Application (ACAD)
Edit

The numbers indicate 1st choice, 2nd choice, 3rd choice.

☐	CHS Civil Engineering-1	CHSEUSCE1	0.0000
☐	CHS Civil Engineering-2	CHSEUSCE2	0.0000
☐	CHS Civil Engineering-3	CHSEUSCE3	0.0000
☐	CHS Cybersecurity-1	CHSETNTC1	0.0000
☐	CHS Cybersecurity-2	CHSETNTC2	0.0000
☐	CHS Cybersecurity-3	CHSETNTC3	0.0000
☐	CHS Digital Media-1	CHSETDMT1	0.0000
	CHS Digital Media-2	CHSETDMT2	0.0000
	CHS Digital Media-3	CHSETDMT3	0.0000
	CHS Environmental Science-1	CHSEUSES1	0.0000
	CHS Environmental Science-2	CHSEUSES2	0.0000
☐	CHS Environmental Science-3	CHSEUSES3	0.0000





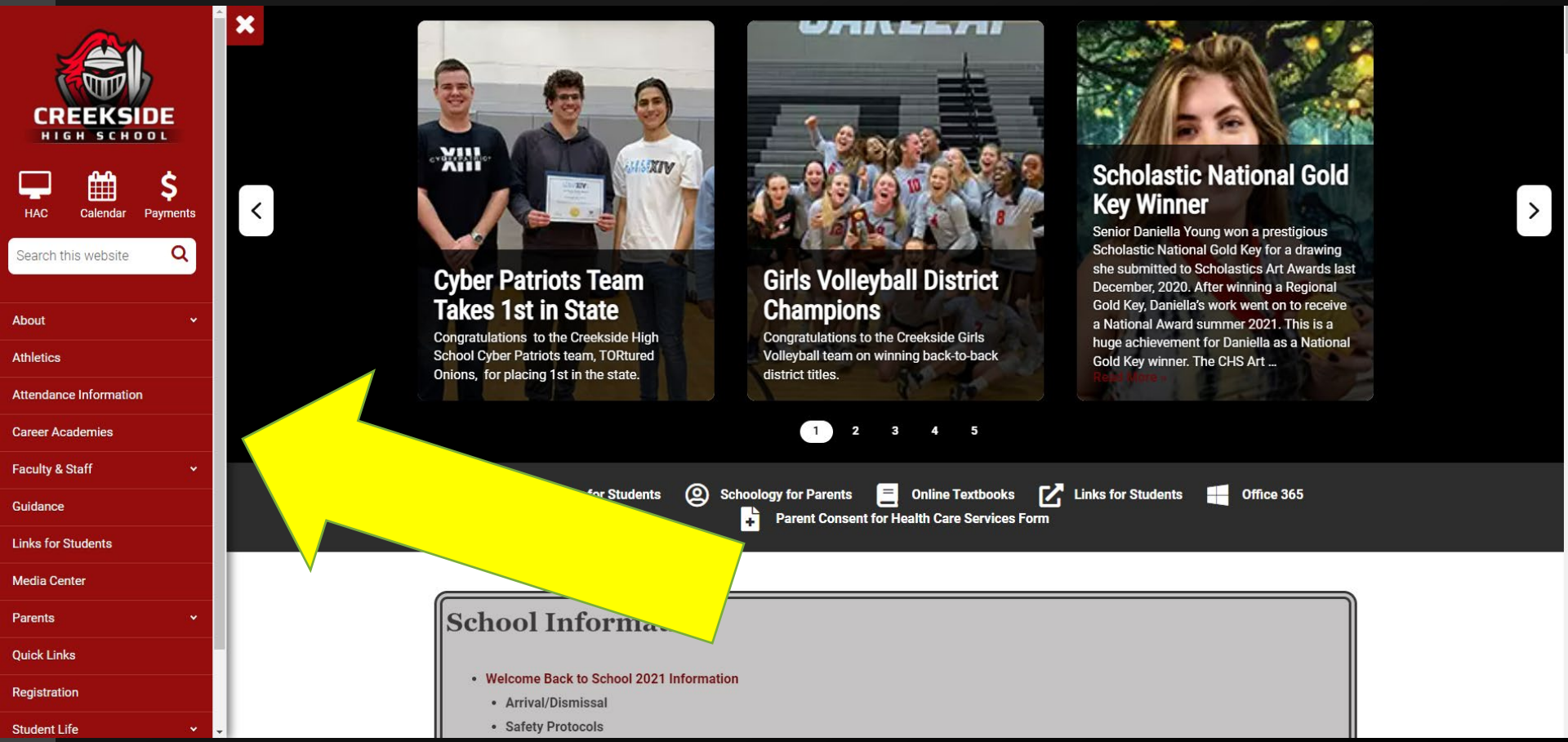
Register in HAC

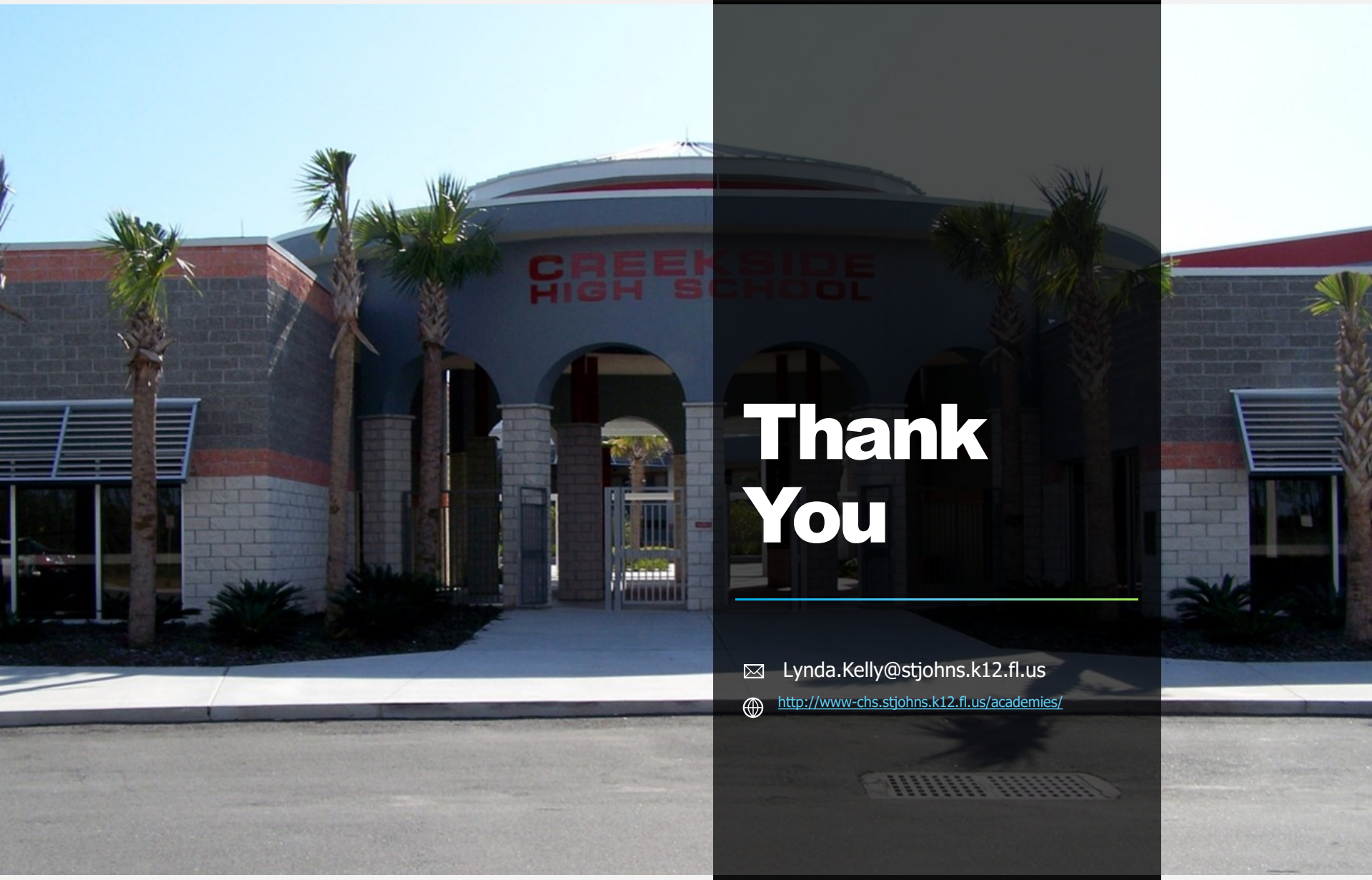
Applications ongoing tonight in the Media Center.

Are you a Private School, Home School or a Virtual School student ?

- Eligible students who are currently attending a **private school**, **home school**, or a **virtual school** may apply to a Program of Choice in PowerSchool during the application window. You will need to create a PowerSchool account if you do not already have one.
- Theresa.Dodd: 904-547-4870
- Theresa.dodd@stjohns.k12.fl.us

Check out our CHS Academy Website : http://www-chs.stjohns.k12.fl.us/academies/





Thank You

Lynda.Kelly@stjohns.k12.fl.us

http://www-chs.stjohns.k12.fl.us/academies/