

Incoming 9th Grade FAQ's

Registering for a class on FLVS:

- Students must create an account first. Once their account is created, they are able to select the course they wish to take & their current Guidance Counselor will approve the course
- *Middle school students will need to change their school to "Timber Creek" & select their high school counselor the summer before entering 9th grade so their new counselor can see their virtual class grades.
- <https://www.flvs.net/>

Community Service Hours

- Community Service needs to be pre-approved & signed off by Mr. Aliberti, our College & Career Specialist before students can begin their hours. Matthew.Aliberti@ocps.net
- Community service forms are located here:
https://timbercreekhs.ocps.net/guidance/community_service

Bright Futures

- The 2020-21 Bright Futures table can be found here:
<https://timbercreekhs.ocps.net/cms/One.aspx?portalId=82045&pageId=1525722>

Foreign Language

- Spanish 1 & Spanish 2 **do** count as two years of a foreign language if taken in middle school, **as long as it was a high school level language class**. Not sure? Ask your high school counselor.

Hope

- This class is (1) credit and a graduation requirement.
- Can take at TC or online through FLVS.
- This class requires students to dress out and perform physical activities and also has a health education component.
- This requirement can be satisfied by also taking two years of ROTC or complete two full seasons of a approved high school sport at Timber Creek

Program Overviews:

Project Lead the Way: Biomedical Science

- Series of 4 rigorous science subjects such as human medicine, physiology, oncology, molecular genetics, microbiology, and public health.
- Each course focuses on laboratory skills through use of new technology & helps students solve real world problems.
- The 3rd level of this course offers industry certification through University of Florida
- Contact: anna.stevens2@ocps.net
- Course progression:

1.	Principles of Biomedical Science Honors
2.	Human Body Systems Honors
3.	Medical Interventions Honors
4.	Biomedical Innovation Honors

Project Lead the Way: Engineering

- Applies science, math, and technology to solve complex, open-ended problems in real-world context.
- Students focus on the process of defining & solving a problem, not getting the “right” answer
- They learn how to apply STEM knowledge, skills and habits of mind to make the world a better place through innovation
- Contact: Jennifer.kane@ocps.net or alex.kane@ocps.net
- Course progression:

1.	Introduction to Engineering Design Honors
2.	Digital Electronics Honors
3.	Principles of Engineering Honors

*The next courses depends on what direction students want to go in Engineering.

Other classes include: Comp. Integrated Manufacturing Hon., Aerospace Engineering Hon., and Advanced Technology Applications Hon.

Vet Assisting

- Students will work with animals and learn the ins and outs of veterinary medicine
- Includes hands-on activities, related field trips and animal interactions that help you pursue your animal career goals
- Advanced classes give you the opportunity to work in our Vet Clinic lab
- Contact: Zuleika.hubble@ocps.net
- Course progression:

1.	Vet Assist 1 Honors
2.	Vet Assist 2 Honors
3.	Vet Assist 3 Honors
4.	Vet Assist 4 Honors

Business Management

1. *Digital Information Technology:*

- Provides an introduction to information technology concepts and careers as well as the impact I.T. has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services; basic HTML, DHTML, and XML web commands and design; emerging technologies, and Web page design.

*This serves as a prerequisite for future business classes

2. *The Business Entrepreneurship:*

- Provides an introduction to business organization, management, and entrepreneurial principles. Topics include communication skills, various forms of business ownership and organizational structures, marketing, supervisory/management skills, leadership skills, human resources management activities, business ethics, and cultural diversity. Students will develop a business plan for a business they are interested in running. There will also be a Shark Tank Competition

*Must have taken DIT prior or concurrently

3. *Accounting:*

- This course emphasizes the methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. Students will also be learning the accounting software - Intuit QuickBooks throughout the year.

*Must have taken DIT prior to taking Accounting. May take Business Entrepreneurship concurrently though with Accounting.

Law Studies

- Students will take 1 semester (half year) of *Law studies*, which is an introductory Law course designed to give a hands-on opportunity to the American justice system. Students will gain the information needed to conduct mock trials, where they are given the opportunity to assume the roles of the attorneys, defendant, and witnesses, and conduct a trial, usually based on a real court case.
- The second class, *Court Procedures*, is the other half of the school year, and focuses on the Florida State Appellate process. This includes the Appellate Court Process, students will be writing legal arguments and briefs, as well as legal research including reading judicial opinions.
- The next school year, eligible students that have excelled in Law Studies & Court Proceedings, can take *Comprehensive Law* where the focus is on preparing and competing in the state law competitions such as the Florida Mock Trial Competitions, and Florida Moot Court Competition.
- Contact: shelby.klay@ocps.net

Advanced Placement Choice (APC+) program

- Structured program for academically talented & highly motivated students

- Students entering the program take several Pre-AP courses in 9th & 10th grade to introduce them to the demands of college-level work and prepare them for AP classes
- Throughout high school, APC+ students have the opportunity to earn college credits &/or advanced course placement in college
- Requirements for the program include a minimum of 6 total AP courses & students must take at least one AP course each year of high school. Must maintain 3.0 unweighted GPA
- Contact: Dorothea.abromavage@ocps.net

TCHS Band

- All students enrolled in a band class are included in the “Regiment”- the marching band & color guard. Members have the opportunity to travel and perform alongside a cohesive group of students spanning all grades levels 9-12th.
- All incoming 9th graders interested in participating should select our “Freshman Band” course
- NO audition necessary for entry into the program
- Band program also offers courses in Color Guard, Percussion Ensemble, and Jazz Band
- Contact: Rhett.cox@ocps.net, carey.hoey@ocps.net, Katie.hoey@ocps.net, jonathan.tirado@ocps.net

TCHS Orchestra

- Orchestra meets regularly during and after school
- Students will need to audition for placement
- Contact: diana.tang@ocps.net

TCHS Chorus

- In Chorus, students learn the fundamentals of solo and ensemble singing, including proper vocal technique, music literacy, performance technique, and teamwork skills. Students learn a variety of music and have the opportunity to perform around the school and community, as well as travel in and out of state. Our choirs maintain a high level of excellence and regularly participate in adjudicated events throughout the year. All are welcome!
- No audition required for incoming freshmen
- Contact: Paul.Roy@ocps.net or Sarah.Leaman@ocps.net

TCHS Dance Program

- All students interested in dance should sign up for either Dance Techniques 1 or Ballet 1
- If student has dance experience, he/ she should audition
- For more info, please visit www.tchsdance.com or contact tara.perry@ocps.net

Air Force Junior Reserve Officer Trainer (AFJROTC)

- Develop and sharpen your leadership skills as you advance in rank and position yourself for post-high school employment and higher education
- Option to complete the Private Pilot Ground School & your FAA Written Exam for certification, while earning college credit from Embry Riddle Aeronautical University
 - Can earn scholarship to receive flight training & receive Private Pilot License
- Option to join TC Honor Guard & Drill Team
- Option to apply for drone course within program and earn college credit
- Visit <https://www.cpalms.org/Public/search/Course> or contact JROTC-R1-FL-20041@au.af.edu

Frequently Asked Elective Descriptions

Student Government Association (SGA):

- In 9th grade, students focus on leadership skills. For example, one class may be in charge of promoting positivity on campus. Students will also help run sporting events. As students get to older grades, they can plan homecoming, prom, spirit week and other events on campus.
- If interested, please complete the application on the TC website.
- Contact: dawn.feeney@ocps.net

Theater

- TCHS Theater Department offers courses in Theater, Acting, Musical Theater, and Stagecraft
- Advanced acting & theater classes require an audition
- Class fee is assessed for each theater course, which covers supplies & production costs
- Contact: Justin.horn@ocps.net, ryan.skiles@ocps.net

Cyber Security

- This class takes two elective spots and two periods.
- The content includes but is not limited to foundational knowledge and skills in computer and network security, security vulnerabilities, attack mechanisms and techniques, intrusion detection and prevention, cryptographic systems, system hardening, risk identification, access control, and recovery, computer hardware and software
- Students will have the opportunity to earn the industry certifications TestOut and CompTIA I.T. Fundamentals+, A+, Network+, and Security+
- Contact: Richard.matias@ocps.net

Model & Simulation

- Dynamic field that is utilized in engineering, science, health care, business, education, training and many other disciplines. Due to its dynamic nature, the M&S field has tremendous potential for creating student interest in science, technology, engineering, and mathematics (STEM) disciplines. Content includes, but is not limited to, geospatial technologies (i.e. GPS, GIS, remote sensing), gaming, medical and scientific imaging, animation, engineering drawing, transportation, distribution, warehousing, and architectural drawing.
- Contact: jonathon.frankos@ocps.net

Speech & Debate

- Meets during and outside of school hours
- Debate 1 requires minimum of 1 competition
- Varsity Debate requires at least 4 tournaments. This is a large part of students' grade
- Ranked in the top programs nationally & are the top public school program in Central FL

- We belong to four different debate organizations
- Contact: Victoria.sell@ocps.net

AP Computer Science Principles

- Students will be introduced to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts.
- Course requires significant amount of expository writing, research papers, and writing computer code like JavaScript.
- Must be in honors or APC+ English 1
- Contact: kyle.dencker@ocps.net

AP Human Geography

- Linked below are two excellent videos that explains the course:
 - <https://youtu.be/E0UrzowWKEs>
- This one explains the 7 units of study ranging from population & migration concerns to urbanization & development levels
 - <https://youtu.be/DnA2P-kKiBc>
- Contact: Michael.coleman@ocps.net