



Creek High School Academy Application – Toco Creek zoned rising 11th graders

Name: _____

Student Number _____

Place 1 – 3 in order of Academy preference

____ Academy of Future Healthcare Professionals

____ Academy of Leadership in Emerging Technologies

____ Academy of Innovation in the Built Environment

Elective options for Toco Creek zoned rising 11th graders only

Option 1 _____

Option 2 _____

Option 3 _____

Option 4 _____

Visual Art Electives

Creating 2D/Ceramics/Pottery 1
Draw 1/ Ceramics/Pottery 1
2-D Studio Art 2
Ceramics/Pottery 2
Ceramics/Pottery 3
Portfolio Development: 2-D Design
Portfolio Development: 3-D Design
AP Art History

Academic Electives

Speech 1&2
Creative Writing 1&2
Journalism 1-7
Psychology 1&2
AP Psychology
AP Human Geography
AP European History
Additional Science or Math course (*see course catalog for options*)

World Languages

Spanish 1
Spanish 2
Spanish 3
Spanish 4
ASL 1
ASL 2
ASL 3
ASL 4

Computer Education Electives

Advanced Information Technology
Foundations of Programming (*see pre-recs*)
AP Computer Science Principles
AP Computer Science A

Career and Technical Education

Digital Design 1-4
Digital Video Technology Honors 1-4

Performing Art Electives

Theatre 1
Theatre 2-3
Acting 4
Technical Theatre: Design and Production for Scenery and Props
Band (*audition required for Symphonic or Wind Ensemble*)
Jazz Ensemble
Chorus
Dance Techniques

Teacher Recommendation Required

AP Art – Drawing
AP Studio Art 2-D
AP Studio Art 3-D
Journalism Yearbook (*application*)
JV Football Weights (*Approval of Head Coach*)
Varsity Football Weights (*Approval of Head Coach*)

Experiential Education

(*11th & 12th only*)
Executive Internship – Co-Op (*application – must have a job and transportation. May take a max of 4 periods before end of High School.*)
On Campus Internship

Physical Education

Team Sports
Weight Training Co-Ed
Girls Weight Training

Student Signature _____

Date _____

Academy of Future Healthcare Professionals

The electives in this academy will offer students an opportunity to explore careers in healthcare. Students will be able to visit healthcare facilities, participate in job-shadowing rotations and gain real-world experiences in the medical field. This course is part of the secondary Health Core consisting of a study of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease. Medical terminology is an integral part of the course. Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools, and equipment, as well as, experimental quality, and safety procedures will be an integral part of this course. Students will interact with materials and primary sources of data or with secondary sources of data to observe and understand the natural world. Students will develop an understanding of measurement error, and develop the skills to aggregate, interpret, and present the data and resulting conclusions. Equipment and supplies will be provided to enhance these hands-on experiences for students. A minimum of 20% of classroom time will be dedicated to laboratory experiences.

Academy Elective - Health Science Anatomy and Physiology

Course No: 8417110

Credit: 1.0 (honors)

Academy of Leadership in Emerging Technologies

The electives in this academy will emphasize the use of emerging technologies and the leadership, entrepreneurial and technical skills needed to be successful in rapidly changing industries using future technologies. This path provides students with the content and skills essential to the design and operation of robotics, including artificial intelligence, sensors, electronic devices, engineering technologies, motion physics, electrical motors, programming, simulation and modeling and critical thinking skills. Fields related to the design, construction, coding and use of industrial, medical, or commercial robotics will be emphasized. Students will immerse themselves in the use of drones, robotics and design elements/software and equipment related to current industrial, commercial, and medical applications.

Academy Elective - Foundations in Mechatronic Programming (Robotic Design Essentials)

Course No: 9410120

Credit 1.0 (honors)

Additional Recommended Electives

- Advanced Information Technology
- Foundations of Programming (*Pre-Req - Algebra 1 Honors, ICT I and ICT II*)

Academy of Innovation in the Built Environment

The electives in this academy will offer students an opportunity to explore careers in the various fields of Construction Management. Students will have hands-on experiences in design and construction, participate in job-shadowing rotations and gain real-world experiences in the construction field. This academy is focused on developing a deep understanding of entrepreneurial programming, Computer Assisted Design (CAD), project fabrication and marketing. Engineering, design and project construction management are integral components of the course. Laboratory investigations that include scientific design, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental quality, and safety procedures will be an integral part of this course. Equipment and supplies will be provided to enhance these hands-on experiences for students.

Academy Elective - Introduction to Construction Management (Construction Design Technology)

Course No: 8722010

Credit 1.0 (honors)

Additional Recommended Electives

- Digital Design
- Digital Video Technology