Overview
The Francis Tuttle Computer Science Academy is designed to prepare high school students for success in colleges of computer science. Rigorous math and science courses (honors and AP level only) are combined with computer science related classes. Academy students gain the academic knowledge and skills needed for success in college, as well as an understanding of computer science to help them decide if this is truly the field they wish to pursue. High school students may attend for up to three (3) school years. Graduates from the Academy should be planning to pursue a college or university track to obtain a degree in some discipline of computer science. College credit for Advanced Placement courses is available upon passing the appropriate AP College Board Exam(s). Universities vary in their recognition of AP credits. Therefore, the number of available credit hours will depend upon the policies of the specific university the graduate plans to attend.

Employment Opportunities
This program is designed to prepare students to pursue a college degree in some discipline of computer science. After degree completion at an accredited college, a variety of computer science positions are available. Potential employers include corporations, educational institutions, small businesses, self-employment, and more.

About This Occupation
In addition to an interest in computer science, success in this career field requires strong math, science, and critical thinking skills. A positive attitude, perseverance, and willingness to adapt to new technologies and methods of performing work are also essential. In addition, computer science professionals must be able to work both independently and as a team member, and must be able to prioritize and manage projects and tasks to meet deadlines.

Majors:
Computer Science Academy – 1440 hours

FOR MORE INFORMATION, CONTACT US

ROCKWELL CAMPUS
12777 N. ROCKWELL AVE.
405.717.4900

PORTLAND CAMPUS
3500 N.W. 150th ST.
405.717.4308

RENO CAMPUS
7301 W. RENO AVE.
405.717.4611

FINANCIAL AID
ALL CAMPUSES
405.717.4315

Nondiscrimination Policy
It is the policy of Francis Tuttle not to discriminate with regard to race, color, religion, gender, national origin, age, marital or veteran status, or disabilities. This policy shall be followed in the operation of its educational programs and activities, recruitment, admissions, employment practices, and other educational services. Inquiries concerning application of this policy may be directed to the Human Resources Director, who serves as the Coordinator of Title IX; Section 504; and Americans with Disabilities Act for all campuses, at 12777 N. Rockwell, Oklahoma City, OK 73142-2786, (405) 717-7799

405.717.7799 | www.francistuttle.edu
Computer Science Academy

Who Can Attend: High school sophomores, High school juniors, High school seniors

Total Hours Required: 1,440

Financial Aid Eligibility: Not applicable

Salary Range: The median salary for Computer Science positions in the Oklahoma City area (with a Bachelor's Degree) is approximately $47,000.00 per year.

Program Length: Up to three school years

Locations: Rockwell Campus, Information Technology Building

Times: Monday - Friday, 8:00 am - 10:55 am and 12:30 pm - 3:25 pm
Students enroll in either the AM or PM session

Licensure/Certifications:
Advanced Placement (AP) college credit is available for students who pass AP tests in Calculus, Computer Science, or Physics. Universities vary in their recognition of AP credits. Therefore, the number of available credit hours will depend upon the policies of the specific university a graduate attends.

Costs
Tuition and Fees: N/A

Textbooks, Supplies and Certifications (Estimate):
Graphing Calculator - $120.00
Flash Drive - $10.00

Total Estimated Cost: $130.00

Courses:
- Pre-AP Trigonometry/Pre-Calculus - 120 hours
- Pre-AP Geometry - 120 hours
- Pre-AP Algebra II - 120 hours
- AP Calculus AB - 120 hours
- AP Calculus BC - 120 hours
- AP Physics I - 120 hours
- AP Physics II - 120 hours
- Pre-AP Chemistry - 120 hours
- PLTW AP Computer Science Principles - 120 hours
- PLTW AP Computer Science Applications - 120 hours
- PLTW Computer Science Essentials Cybersecurity - 120 hours
- Programming I - 120 hours
- Programming II - 120 hours
- C# Programming I - 120 hours
- C# Programming II - 120 hours
- A.I. Robotics - 120

A total of 14 courses (5 math, 3 science and 6 computer science) are taught in the Academy. However, a 3 year student will be able to complete only 12 of those courses. Therefore, the total hours available in the course list exceed the total number of required hours for the full Computer Science Academy major. The exact course sequence will be determined by previously taken math and science courses as well as the student's career and education goals.