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Cybersecurity

Computer Programming
Mobile App Development
and Networking

AP Computer Science
Principles/Mobile Apps
Development 2

AP Computer Science A
College Cybersecurity
and Mobility (DC)

D214 Apprenticeship:
Cybersecurity

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 223](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 251](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 269](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 261](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 275](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 239](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - [Page 288](#), Economics (07830) - [Page 273](#), Consumer Education (59940) - [Page 274](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 309](#)
Refer to [page 327](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Statistics
- College Statistics (DC)
- College Entrepreneurship (DC)
- Graphic Arts Design
- Robotics

Career Related Activities for the Cybersecurity pathway

- Athletics
- Computers Club
- District Career Days
- District Career Nights
- District Career Treks
- Math Team
- Robot Rumble
- Theatre Tech Crew
- WildStang FIRST Robotics

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)
- See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

*This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill.Adm. Code Section 1.425).



Apprenticeship



District 214 set up the Youth Apprenticeship program to establish student apprenticeships with local employers. It is one of the first apprenticeship programs in the country to be created and managed by a school district rather than bringing in external organizations to run the program, according to Jobs for the Future, a leading workforce research organization.

Apprentices are selected for the program in their junior year of high school. They get 20 to 30 hours a month of paid job training during the second semester in addition to college coursework and mentoring. During the summer, they work up to 28 hours a week to expand their skills. At the end of the program, students receive either a federally registered apprenticeship certification or a youth apprenticeship certification in addition to up to a year of college credits.

During the program's pilot year, the District opted to use its own facilities for job placements in cybersecurity, HVAC (heating, ventilation, air conditioning) and automotive services to streamline the process.