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Aviation

Automotive Systems

PLTW Introduction to Engineering Design

PLTW Aerospace Engineering (DC)

Physics / AP Physics 1

College Aviation Academy (Application required)

High School District 214 Graduation Requirements

English | English | English | English

Course Descriptions Section - Page 223

4.0 credit units

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 (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 (Recommended)

Course Descriptions Section - Page 261

2.0 credit units

Career and Technical Education

Course Descriptions Section - Page 275

1.0 credit unit

Fine Arts

Course Descriptions Section - Page 239

0.5 credit unit

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 | 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

- Fabrication Technology 1 & 2
- PLTW Digital Electronics (DC)
- AP Physics C

Career Related Activities for the Aviation pathway

- Athletics
- Auto Club
- District Career Days
- District Career Nights
- District Career Treks
- High Mileage Vehicle Club
- Robotics Club
- Skills USA
- Team Manager

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).*



Aviation Academy

Aviation Academy is a unique program developed by District 214 to meet the strong demand for highly qualified aviation professionals and numerous regional opportunities for careers in the aviation industry. The program, which is held at Chicago Executive Airport in Wheeling, recruits District students interested in pursuing a career in aviation and ensures they are highly qualified for aviation positions.

As part of their participation in District 214's Aviation Pathway, students receive a sequence of aviation-specific courses, dual credit opportunities and external internship experiences. The District partners with Lewis University to offer dual credit courses that allow students to earn both high school and college credit and begin their pathway to certification and a future career in the aviation industry.

Students can achieve certifications in 12 to 18 months and earn an average starting salary of \$60,000.