

River Dell Regional School District

230 Woodland Avenue
River Edge, NJ 07661
www.riverdell.org



**SUPA Statistics/
Probability**
Grades 11-12
5 credits/full year
7 college credits
Tuition Fee

PREREQUISITE:
Advanced Algebra 2 with
Trigonometry with a
grade of 85 or above

SUPA Statistics/Probability (MAT 221-222 Elementary Probability and Statistics I and II) is a two-course sequence in college statistics. The first semester course provides students with knowledge of elementary probability and statistics. Students will learn basic concepts of descriptive statistics, data collection, probability, and random variables. These concepts prepare students for the second semester course, which develops a working understanding of the use of a variety of inferential techniques. The sequence culminates in a data analysis project, in which students develop and solve a statistical problem using the methods learned in the course. This is a college course offered through Syracuse University, and students paying the discounted fee for SU credit will receive Syracuse University transcript.

**SUPA Cyber
Security**
Grades 11-12
5 credits/full year
3 college credits
Tuition Fee

PREREQUISITE:
Computer Systems
and Networking

Intro to Cyber Security (CPS 155)

This course covers implementation and monitoring of security on network and computer systems including how to identify and protect against security threats such as hackers, eavesdropping and network attacks, as well as the basic cryptography. Hands-on labs provide practice in the configuration and mitigation of system vulnerabilities. The curriculum is based on the SUPA Cyber Security course which incorporates the CompTIA Security and Certification guidelines. Juniors and seniors are Eligible to enroll in SUPA and will earn 3 college credits upon successful completion of the course.