



## North Carolina Virtual Public School and SAS®



### ■ Why take SAS® programming?

- Offering SAS programming parallels national high school reform trends by providing more rigor and relevance for secondary students.
- SAS programmers are in high demand in the marketplace. SAS knowledge can help students enter careers in the technology, marketing, financial services, insurance and pharmaceutical sectors.
- SAS software is used in college-level courses requiring quantitative analysis, including psychology, computer science, sociology, statistics, mathematics, business, life sciences and public health.

NCVPS and SAS are partnering to offer high school students a course in SAS® computer programming. The prerequisites for the course are Algebra I and at least one programming course such as Visual Basic, C++, Java or Python.

### CAREER OPPORTUNITIES WITH SAS® SKILLS

- A recent search on Monster.com resulted in thousands of jobs requiring SAS knowledge.
- SAS programming skills can lead to more in-depth analytical careers such as data mining, risk management, fraud detection and clinical trials analysis.
- Visit career sites such as [icrunchdata.com](http://icrunchdata.com) to view thousands more jobs requiring SAS skills at all levels in numerous locations.

### COURSE INFORMATION

#### SAS® Programming for High School Course Number: 6428Q

This course combines SAS Programming 1: Essentials and SAS Programming 2: Data Manipulation Techniques. SAS Programming 1 provides an entry point to learning SAS programming. SAS Programming 2 is designed to teach data manipulation using the SAS DATA step. Emphasis is placed on creating, controlling, combining, summarizing, reading and writing different types of data using SAS software. The course is taught using the SAS-developed e-Learning modules and is supported by curriculum materials designed specifically for high school students. Assessments include formative, summative and performance items.

#### *Prerequisites*

Algebra I and at least one programming course such as Visual Basic, C++, Java or Python.

#### *Tech Requirements*

Access to SAS software via NCVPS Virtual Desktop or local server.

**This is a limited course with only 60 seats available, so hurry and contact us today!**

For more information, please contact Karen Creech at [Karen.creech@ncpublic-schools.gov](mailto:Karen.creech@ncpublic-schools.gov) or see your high school counselor if you are interested.

For more information on SAS programming visit <http://support.sas.com/highschool/>