

# SCHOOL PREPARATION (EPAP1-CE)

## EPAP1-CE 8118 **Math for the Anxious: Overcome Fear and Find a New Career (0 Credits)**

Contemplating a career change but realize your choices are limited by your fear of mathematics? This course is designed for adults who want to overcome this fear and learn how to create strategies for success. Address the causes of math anxiety, discover strategies for conquering it, and learn basic math skills necessary to prepare for different careers. This course focuses on mastering mathematical techniques, exploring how those techniques are used in different industries, and developing effective problem-solving abilities, giving you the confidence to pursue new opportunities and the skills to succeed.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9121 **M.B.A. Fundamentals: An Overview (0 Credits)**

Explore the realities of graduate business school before pursuing an M.B.A. In this course; designed to simulate a graduate-level experience; get exposure to major concentration areas of a typical M.B.A. program, the language and functions of business, and the case-study method. Using *The Wall Street Journal*, current articles from business magazines, a textbook, and a group project, develop a working knowledge of basic business concepts and resources. Discover your suitability and capacity for graduate-level business study.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9122 **Algebra I: A Review Course (0 Credits)**

For those who need a thorough review before taking a test prep class or advanced math like precalculus, this course provides a refresher of basic algebra. Review the rules of algebra; operations with monomials and polynomials; algebraic and graphic solutions to systems of linear equations; algebraic fractions and fractional equations; and exponents, roots, and radicals. Solve first-degree equations, inequalities, and word problems; practice graphing quadratic equations and applications; and test your mastery of ratio and proportion.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9123 **Precalculus Mathematics (3 Credits)**

If you are already familiar with the basics of algebra, then this course can introduce you to the areas of mathematics needed to understand calculus. Topics include functions and relations, systems of equations and inequalities, exponential and logarithmic functions, families of special right triangles, and the trigonometry of the right triangle. The course reviews relevant topics in algebra, including polynomials, rational expressions, radicals, graphing, and methods for solving various types of equations and inequalities.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9124 **Statistics for Management I (3 Credits)**

Learn how statistical methods are used to analyze practical business and social science problems. Theory, mathematical derivation, and jargon are de-emphasized in the examination of both the traditional tools of analysis and new techniques. Course topics include measures of central tendency and variability, probability, statistical inference, tests of hypotheses, and simple regression.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9125 **Calculus for Business (3.5 Credits)**

This fast-paced course is an introduction to calculus with applications to business problems. Topics covered include functions and their graphs, the derivative, rules of differentiation, curve sketching, maxima and minima, the second derivative, rules of integration, and the definite integral.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9126 **Statistics for Management II (3.5 Credits)**

This course covers important statistical concepts that are applicable to most business and managerial fields. Topics include inferential statistics, analysis of variance, correlation and regression analysis, nonparametric statistics, and time series analysis.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9127 **Statistics for the Health and Social Sciences (0 Credits)**

This course introduces basic statistical techniques used to analyze data in health and social sciences. Topics include measures of central tendency and variability, probability, normal distributions, confidence intervals, hypothesis testing, and simple linear regression.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9129 **Graduate School Planning and Preparation (0 Credits)**

The decision to go to graduate school is not an easy one, and there are multiple options to consider. This overview course outlines what needs to be researched before writing the first essay as part of the admissions process. Topics covered include how to conduct research, what graduate school is and whether it is right for you, and how to gather information to answer these questions. Learn the differences among graduate programs and degrees, as well as the application's timeline, components, and process. Explore what changes graduate school will bring to your life and how to prepare financially to fund your education. Also, consider if there are alternatives to graduate school that could move you in the direction you seek.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9132 **The Language of Statistics (0 Credits)**

This three-week course is designed as a precursor to *Statistics for Management I*. Review basic mathematical and statistical symbols, terminology, formula reading, and formula interpretation, all of which are fundamental to understanding topics in descriptive statistics, probability theory, hypothesis testing, statistical inference, and simple linear regression.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

## EPAP1-CE 9500 **How to Write a Stand-out Admissions Essay for College or Graduate School (0 Credits)**

This workshop highlights key areas of interest that are basic considerations for admissions committees. What are the three most important requirements for a successful essay? What needs to be included in your essay? What should not be included? Is there a particular style of writing that will set you apart from other applicants? You will come away from this workshop answering these important questions with practical tools for use in writing an admissions essay that highlights your individuality and underscores your readiness for academic work.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes

**EPAP1-CE 9616 Law School Fundamentals (0 Credits)**

This course helps those interested in a legal career or considering law school to weigh the costs and benefits, select the right law school, and complete application documents. Designed to simulate a law school course, the program introduces students to Socratic case analysis, with a particular focus on how to brief cases and study and prepare for exams. Additional topics include law journals, legal and nonlegal careers for lawyers, job search methods, and establishing realistic expectations about practicing law.

**Grading:** SPS Non-Credit Graded

**Repeatable for additional credit:** Yes