

Frequently Asked Questions

Course Title: Introduction to Statistics

Course #: 4680

Duration: 4 Days

Delivery Method: Instructor-led live classroom

Alternative Delivery Methods: Instructor-led online (synchronous)

1. What business or organizational need does this course address?

Learn how to apply core statistical concepts to data: describe it, make inferences, and draw conclusions that can have great organizational impact from expert instructors through hands-on exercises. Develop the skills to graphically display data, apply statistical tests to determine validity, reliability, and significance, and identify relationships between variables. You will also learn how to conduct statistical analyses in Excel to help you analyze data more quickly and effectively for your organization.

2. Who should attend?

This course is designed for professionals who seek formal training or a refresher course in statistical analysis using Microsoft Excel. This course covers statistical concepts that are also addressed in *Analytics Boot Camp* and *Data Analysis and Modeling Techniques*.

3. What will I learn how to do in this course?

- Apply the Analytics Process Model to plan and conduct statistical analyses
- Describe data using measures of central tendency and variation
- Construct a frequency distribution to analyze data
- Calculate the likelihood that an event will occur using probability distribution functions
- Use sampling to make inferences about a population
- Use t-tests to test hypotheses and determine statistical significance
- Calculate correlation between variables and make predictions using linear regression

4. What kinds of activities are included in this course?

Individual and small-group exercises; lecture, discussion, demonstrations, action planning

5. Are there prerequisites for this course?

Suggested:

Frequently Asked Questions

- [Introduction to Analytics](#)

6. Do I have to complete any prework for the course?

There is no prework required for this course.

7. Is this course applicable toward a professional certification?

No, this course is not applicable toward a professional certification. However, many Management Concepts courses do prepare you for professional certification programs. Click [here](#) to see a full list of professional certification programs that are supported by Management Concepts training courses.

8. Does this course count for credit toward a Management Concepts Certificate Program?

This is an elective course in the following program(s):

- [Data Analytics Certificate Program](#)
- [Business Analysis and Requirements Management Master Track](#)
- [Project Management Master Track](#)

9. What credits do I earn by completing this course?

The following credits are available for this course:

NASBA CPEs: 32

NASBA Field of Study: Statistics

NASBA Level: Intermediate

CEUs: 2.5

PDU: 28

CLPs: 32

10. What course(s) do you recommend after I complete this course?

- [Introduction to Analytics](#)
- [Data Analysis and Modeling Techniques](#)
- [Data Collection Techniques](#)
- [Data Storytelling for the Federal Government: Numbers to Narratives](#)

11. What are Additional Features?

Frequently Asked Questions

Most courses and training solutions have **Additional Features** designed to help every learner master and retain the concepts explored in the course. You can see which Additional Features are added to this course on the course page under the **Learning Objectives & Additional Features** tab – and for a more detailed exploration of our Additional Features, you can visit [this web page](#).