

RECENTLY COMPLETED SAS TRAINING COURSES

SAS Programming I: Essentials

This foundation course focuses on the following key areas: reading raw data files and SAS data sets and writing the results to SAS data sets; subsetting data; combining multiple SAS files; creating SAS variables and recoding data values; and creating listing and summary reports. If you do not plan to write SAS programs and prefer a menu-driven, point-and-click approach, you should consider taking the [Querying and Reporting Using SAS Enterprise Guide](#) course.

Course Contents

- Getting Started with the SAS System
- Getting Familiar with SAS Data Sets
- Producing List Reports
- Enhancing Output
- Creating SAS Data Sets
- Programming with the DATA Step
- Combining SAS Data Sets
- Producing Summary Reports
- Introduction to Graphics

Software Addressed

This course addresses the following software product(s): Base SAS. This course also addresses SAS/GRAPH software. This course is appropriate for students who are using SAS Version 8 or SAS 9 software.

For more details on contents and software: <http://support.sas.com/training/us/crs/prog1.html>

SAS Programming II: Manipulating Data with the DATA Step

This intermediate course focuses on how to manage SAS data set input and output, work with different data types, and manipulate data. Specifically, the course discusses using the DATA step to control SAS data set input and output, combine SAS data sets, summarize data, process data iteratively with DO loops and arrays, and perform data manipulations and transformations. SAS files;

Course Contents

- Introduction
- Controlling Input and Output
- Summarizing Data
- Reading and Writing Different Types of Data
- Data Transformations
- Processing Data Iteratively
- Combining SAS Data Sets
- Learning More

Software Addressed

This course addresses the following software product(s): Base SAS. This course is appropriate for students who are using SAS Version 8 or SAS 9 software.

For more details on contents and software: <http://support.sas.com/training/us/crs/prog2.html>

Statistics I: Introduction to ANOVA, Regression, and Logistic Regression

This foundation course focuses on the following key areas: statistical inference, analysis of variance, multiple regression, categorical data analysis, and logistic regression. You learn to construct graphs to explore and summarize data, construct confidence intervals for means and test simple hypotheses, and apply multiple comparison techniques.

Course Contents

- Introduction to Statistics
- Analysis of Variance
- Regression
- Categorical Data Analysis
- Regression Diagnostics

Software Addressed

This course addresses the following software product(s): SAS/STAT. This course also addresses base SAS software and touches on SAS/GRAPH software. You benefit from this course even if SAS/GRAPH software is not installed at your location.

For more details on contents and software: <http://support.sas.com/training/us/crs/stat1.html>

Introduction to Time Series Forecasting Using SAS/ETS Software

This course teaches you how to navigate the Time Series Forecasting System (TSFS) to explore data, build prediction models, and generate forecasts. You also learn how to use the SAS/ETS procedures ARIMA, FORECAST, and EXPAND to extend the power of the forecasting system. Course topics include exponential smoothing models, autoregressive integrated moving average models, and intervention models.

Course Contents

- Introduction
- Time Series Concepts
- Exponential Smoothing Models
- Review of Multiple Linear Regression
- ARIMA Models
- Regression Models with Time Series Errors
- Forecasting a Large Number of Series
- Miscellaneous Data Issues

Software Addressed

This course addresses the following software product(s): SAS/ETS, SAS/STAT. This course also requires Base SAS and SAS/GRAPH software.

For more details on contents and software: <http://support.sas.com/training/canada/crs/tsfets.html>