# SPLUNK EDUCATION

# Working with Time

## Summary

This course is for Splunk users, analysts, and administrators who want to deepen their understanding of time-based data analysis in Splunk.

This course covers working with time values and using time commads in Splunk. You will learn how to define and adjust time ranges and format timestamps. Key topics include using the time range picker, leveraging the timechart command, understanding _time field properties, and aligning searches across various time zones. At the end of this course, you will know how to use time and time-related commands efficiently to enhance your searches, visualizations, and overall data analysis.

## Prerequisites

- To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:
    - Intro to Splunk
    - Using Fields
    - Visualizations

**Format:**
- Instructor-led
- Self-paced eLearning

Instructor-led Duration: 3 Hours

**Audience:**
- Users/Analysts
- Administrators
- Engineers

## Course Outline

### Module 1 – Searching with Time

- Understand the _time field and timestamps
- View and interact with the Event Timeline
- Use the earliest and latest time modifiers
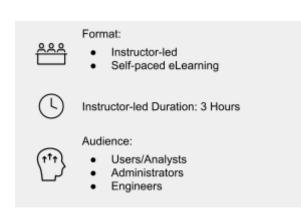- Use the bin command with the _time field

### Module 2 – Formatting Time

- Use various date and time eval functions to format time

### Module 3 – Using Time Commands

- Use the timechart command
- Use the timewrap command

### Module 4 – Working with Timezones

- Understand how time and timezones are represented in your data
- Determine the time zone of your server
- Use strftime to correct timezones in results

## About Splunk Education

With Splunk Education, you and your teams can learn to optimize Splunk through self-paced eLearning and instructor-led training, supported by hands-on labs. Explore learning paths and certifications to meet your goals. Splunk courses cover all product areas, supporting specific roles such as Splunk Platform Search Expert, Splunk Enterprise or Cloud Administrator, SOC Analyst or Administrator, DevOps or Site Reliability Engineer, and more. To learn more about our flexible learning options, full course catalog, and Splunk Certification, please visit http://www.splunk.com/education.

To contact us, email education@splunk.com.