

TL112

## Red Hat Transformational Learning: Introduction to Pragmatic Site Reliability Engineering

**Duration: 2 Days**

### Course description

#### A pragmatic introduction to the Site Reliability Engineering implementation of DevOps

Red Hat Transformational Learning: Introduction to Pragmatic Site Reliability Engineering (TL112) teaches the vocabulary, concepts and cultural considerations required to prepare to adopt an implementation of DevOps referred to as Site Reliability Engineering (SRE). In this course, the history, definitions, and Red Hat specific take on this practice will be explored as the student prepares to continue the learning path of joining or implementing an SRE team.

### Outline for this course

- Introduction to Site Reliability Engineering
  - Compare and contrast traditional systems administration with Site Reliability Engineering (SRE) and DevOps.
- Determining Operational Readiness
  - Determine if your organization is ready to adopt SRE principles
- Describing Toil and Implementing Automation
  - Define and describe toil and how to leverage automation.
- Explaining and Calculating Error Budgets
  - Explain the importance of setting error budgets
- Explaining Incident Management
  - Describe incident management and the relationship to Site Reliability Engineering