

## SINAMICS - Safety Integrated Commissioning and Service (DR-SAFETY)

---

### Kort beskrivelse

---

In this course, you will learn how to configure the SINAMICS drive-based Safety Integrated functions during commissioning and during service.

### Målsetninger

---

You will learn how to configure and commission SINAMICS Drive Based Safety Integrated using various scenarios with practical commissioning and service activities.

You will now, which safety functions are available and how to use them.

### Målgruppe

---

- Commissioning personnel
- Service personnel
- Maintenance personnel

### Innhold

---

Short overview of relevant standards and guidelines

Operating principle of the safety functions integrated in SINAMICS

Control of safety functions via onboard terminals and via PROFINET / PROFIsafe

Commissioning of basic safety functions

Overview of available safety functions

Verification of the implemented safety measures

- Safety Integrated acceptance test
- Safety Integrated activation test
- Documentation and archiving of test results

Service and maintenance with activated safety functions

Component replacement with activated safety functions

Practical exercises with SINAMICS training units, e.g. SINAMICS S210

### Forutsetninger

---

Basic knowledge of drive technology

Basic knowledge of SIMATIC TIA Portal (corresponding to the courses TIA-SERV1 or TIA-PRO1)

Basic knowledge of functional safety (corresponding to the course ST-FASAFN)

### Øvrig informasjon

---

**Included in the course price:** Free access to the digital learning platform [SITRAIN access](#) – starting one week before the start of the course until two weeks after the end of the course. Here you will find web-based trainings on [SINAMICS Converters](#) as well as other topics such as [Industrial Automation Systems SIMATIC](#) and many more. With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.

### Type

---

Kurs

### Varighet

---

4 dager

### Språk

---

en