

# Course description:

**Course name:**        **Servicing course in electrical system  
for CNC lathes of the G220 series with Siemens Solutionline**

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**Course no.:**        **241**

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**Training goal:**

- Localization and elimination of malfunctions
  - Carrying out service work
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**Course content:**

- Control system and components
  - Data backup
  - Delete and start-up functions
  - Drive system and components
  - Diagnosis options
  - Measuring systems and encoder settings
  - Circuit diagrams
  - Manual operation of units
  - Turret indexing
  - Milling spindle
  - Tool changer
  - Functions of additional devices
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**Participation requirements:**

- Knowledge in CNC and electrical engineering
  - PC and Windows knowledge
  - Training as electrician
  - **Safety shoes must be brought along and worn during the entire course.**
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**Course duration:**

4.5 days - Monday (9:00 am) to Friday (12:00 pm)

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**Course location:**

**INDEX-Werke GmbH & Co. KG**

**Hahn & Tessky**

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