



**PrintPromotion**



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**TRAINING COURSE FOR SPECIALIST TEACHERS**  
**in the field of printing and paper converting**  
**Germany, 18<sup>th</sup> June – 18<sup>th</sup> July 2019**

**Contents of Lessons** (subjects to modifications)

The training imparts **basic knowledge** of the following topics:

**Introduction**

- Presentation of the AZP training centre
- Facts about the city of Chemnitz and the Saxon region
- The German printing industry
- Presentation of the home countries and the schools by the participants (maximum 20 minutes per participant)

**PrePress**

- Layout and graphic programmes (Adobe Creative Suite)
- Picture processing (Adobe Photoshop)
- Data preparation for output
- PDF technology (creation of PDF, preflight-check, PDF/X-3, PDF/X-1)
- PDF workflow, PDF editing
- Computer-to-plate technology, quality management

**Printing (focus: offset printing)**

- Printing inks, pigments, color systems, Iridin pigments
- Basics of Densitometry, Densitometric Measurement in practice
- Basics of Colorimetry, Colorimetric Measurement in practice
- Standardization in offset printing (ISO 12647)
- Colormanagement: principle, creation of profiles, application of profiles
- Digital proofing
- Digital printing
- Practical training at sheetfed offset presses
- Varnishing
- The networking printing house, CIP4, JDF
- calculation

## **Excursions (depending on availability)**

- *Manufacturers of machines for printing and finishing*
- *Printing and bookbinding companies*
  - Newspaper printing house
  - book printing house with bookbinding flowlines
  - gravure printing house