



Learn more about our SAP® ERP & HANA certified trainer in a brief overview ...

CONTACT INFORMATION

Mr. Ernst Schulten · phone: +49 6021 5838-413 · mobile: +49 171 2311001 · mail: info@ernst-schulten.de

LEVEL 1 COURSE OVERVIEW

Our level 1 courses TERP10 and TS410 are certification standards developed by SAP® Education. These trainings based on a SAP® IDES-ERP-system or a SAP® S/4HANA-system are offered as a block of 9 days and will end with a certification exam on the 10th day. The block can be stretched up to three months for part-timers. These level 1 courses offer participants the opportunity to earn a certification in the ERP environment (T = Training, ERP = Enterprise Resource Planning, 10 = 10 days). Target participants: consultants, middle management employees, project managers & students.

By using the SAP® S/4HANA system we are able to give our participants a comprehensive overview of the new HANA technology. The curriculum helps them learn more about data provisioning and modeling as well as data visualization with HANA. Moreover, they acquire practical skills in data mining and application development with HANA. The curriculum targets participants with business and/or IT focus. Because HANA can be used in many different industries, domains and for diverse use cases, it is also interesting for students of other disciplines and study programs as well.

SAP® S/4HANA is the next generation Business Suite and the biggest innovation since SAP® R/3 and ERP.

AGENDA LEVEL 1 COURSE

Day 1	ERP-basics, NetWeaver, Procurement (Procure-To-Pay-Process)	Day 10 Exam
Day 2	Material Planning, Life-Cycle-Data-Management	
Day 3	Production Planning	
Day 4	Production Process	
Day 5	Sales Management (Order-To-Cash-Process)	
Day 6	Enterprise Asset Management	
Day 7	Program and Project Management, Human Capital Management	
Day 8	Human Capital Management, Financial Accounting	
Day 9	Management Accounting, Business Intelligence, Business Objects Outlook to: Business by Design	

TRAINING APPROACH AND METHODS

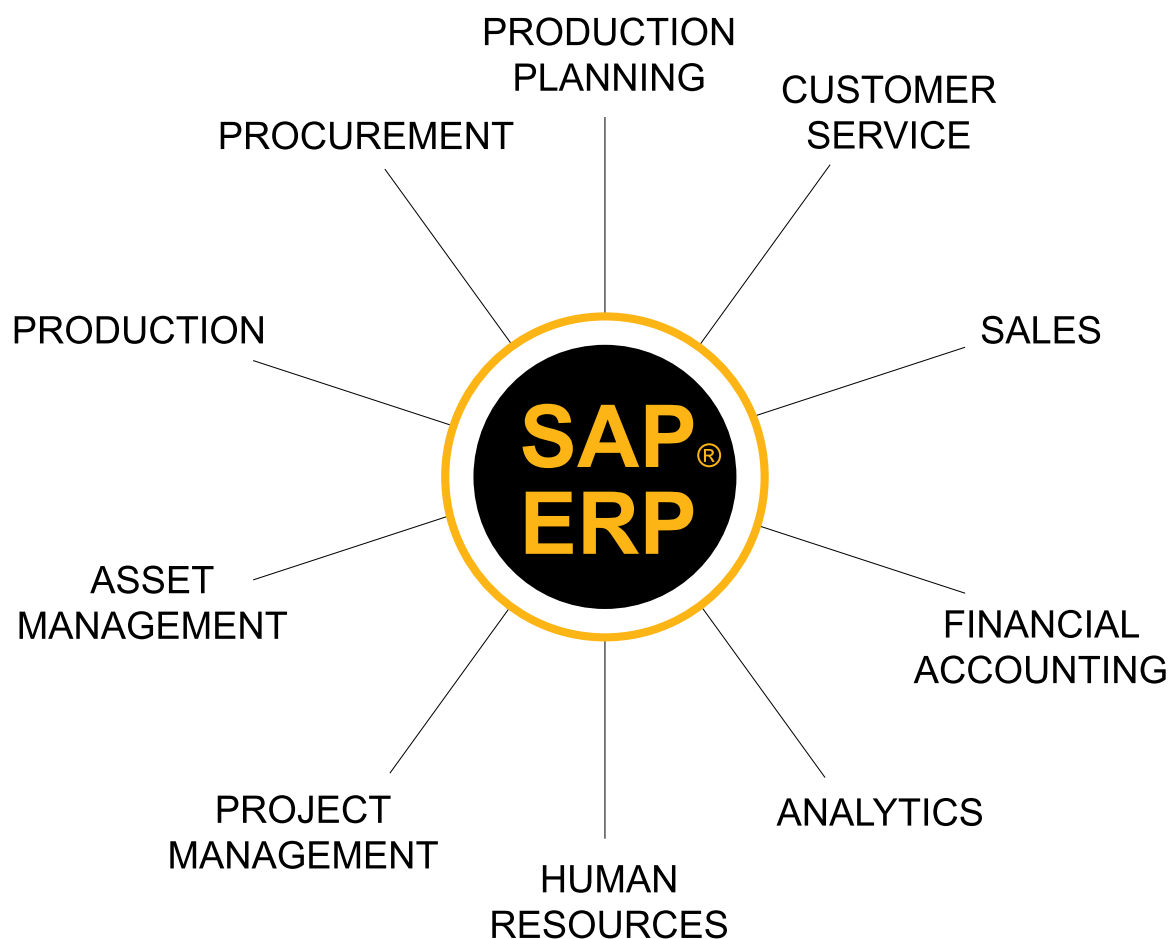
In our SAP®-trainings we apply various different training methods to prepare participants as best as possible for certifications or exams.

- Case study based lectures only by a certified trainer
- Many samples from industries or real life
- Group work
- Individual desk work on a SAP® system
- Expert speeches & guest speakers from industry i.e. SAP® SE, Walldorf, Germany

Participants will learn how the fundamental integrative business processes will interact within the SAP® application. The course provides participants with a broad basic knowledge of the core business processes, business interrelations and integration of business processes in SAP® ERP.

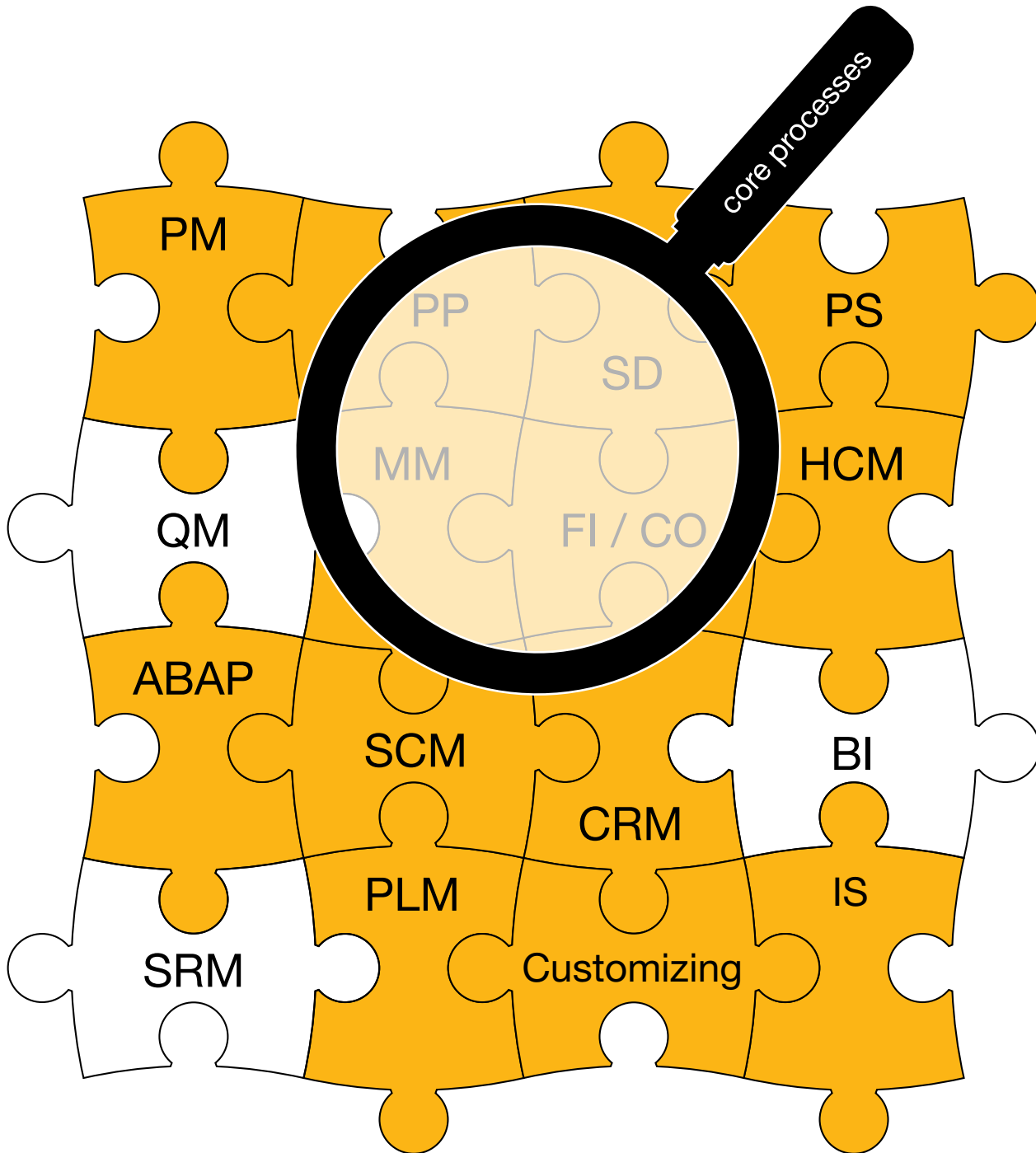
At the end of the course, participants will take certification exams to receive official certificates. The SAP® certificate is a fully recognized qualification in the industry.

MODULES COVERED



LEVEL 2 COURSE MODULES

Level 2 courses will focus on specific modules of the SAP® application. Each of the following modules is accompanied by in-depth case studies focusing on the main processes, organizational levels, master and transactional data. We are not covering Quality Management, Supplier Relations Management and Business Intelligence at the moment. Core processes are covered by a Level 1 and Level 2 training.



LEVEL 2 COURSE MODULES

■ Materials Management (MM) CP Core Process

The purchase-to-pay business process contains the steps that an organization completes to buy goods or services from external vendors.

■ Production Planning (PP) CP Core Process

The plan-to-produce business process focuses on the activities that are necessary to plan and manufacture an organization products.

■ Sales & Distribution (SD) CP Core Process

The order-to-cash business process involves the activities that an organization performs to sell goods or services to its customers.

■ Financial Accounting (FI) CP Core Process

The important tasks of FI are the recording of monetary and value flows as part of legal reporting. It can be used to draw up a balance sheet and an income statement at the level of accounting entities.

■ Controlling (CO) CP Core Process

Management Accounting will collect revenue and expenses by areas of responsibility to be used for internal management reporting purposes.

■ Enterprise Asset Management (EAM)

Enterprise Asset Management will manage the entire asset lifecycle more efficiently with streamlined processes.

■ Project Management (PS)

Project Management ist an integral part of the commercial processes of a business based on a project-specific organizational form that should be in a position central to the user departments involved.

■ Human Capital Management (HCM)

Human Capital Management can help your organization hire and retain the right people, manage the work environment, streamline HR processes, ensure legal compliance, and create a people-centric organization.

■ Business Intelligence (BI) ... upcoming

Business Intelligence implements a flexible, scalable platform that provides easy, self-service access to decision-ready information on basis of a broad array of data sources.

■ Customizing & ABAP

Customizing is the process of adapting the SAP® standard software to the requirements of a company by mapping organizational structures and processes of the company into the SAP® system. Sometimes individual software extensions have to be programmed by using ABAP.

There are several module- and practice-oriented case studies built on a theoretical lecture that may be called upon for intensification of or specialization on a certain module. A basis case study generates the master layout of a demo company used in all others business scenarios.

■ Introduction to Logistics in the Industrial Operation

Within the scope of the business scenarios “Introduction to Logistics in the Industrial Operation“, fundamental master data from the fields of Logistics and Accounting shall be generated by the participants of the tutorial for subsequent application to a simple business scenario management process. The aim is to integrate the logistics applications Sales and Distribution, Materials Management and Production Planning that are geared towards calculations in Financial Accounting and Management Accounting within the business processes under consideration.

The task is to put into practice an integrated customer order processing by selling motorcycle headlights. In order to achieve this, it is necessary to create a material master for motorcycle headlights produced from two components (mounts and spotlights). The pertinent material masters for this shall also be created. Furthermore, a bill of materials and a routing will be required.

As an incoming customer order for a larger quantity of motorcycle headlights cannot be covered by the stocks, the respective batch has to be produced accordingly. Moreover, adequate quantities of the components of the headlights have to be ordered with the supplier. The necessary automated requirements planning shall be made by doing an MRP run. After production, the headlight shall be sold, the incoming payment posted and the business process completed. Finally (and optionally), the whole process may be considered under FI and CO concerns.

Additional case studies

- Introduction to SAP® Human Capital Management
- Introduction to SAP® Customizing (including an ABAP)
- Introduction to SAP® Cost Controlling
- Introduction to SAP® Project Management
- Introduction to SAP® Enterprise Asset Management
- Introduction to SAP® Business Intelligence (BI)
- more on request

Ernst Schulten has been conducting up to 50 SAP®-related-courses at universities & companies around the world i.e. in USA, United Kingdom, Germany, Spain, Switzerland, Finland and the Middle-East region. Ernst Schulten graduated from University of Applied Sciences Aschaffenburg and University of Bamberg, Germany.

The setup of a SAP®-system in research and teaching as well as technical and continual preparation of SAP®-case studies have been part of his tasks. Furthermore he is head of the Career Service and the International Office at Aschaffenburg University and holds close contacts to the SAP® Headquarters in Walldorf, Germany.



Field of expertise:

- Human Capital Management (HCM)
- Supply Chain Management (SCM, TERP10)
- Enterprise Asset Management (EAM)
- Content Management Systems
- E-Learning-Systems
- Big Data & Data Privacy

Profile/CV:

- 2001 **Roll-Out of the SAP® Lab at University of Applied Sciences Aschaffenburg**
Developing case studies for SCM, HCM, Financial & Management Accounting, until 2017: Training for approx. 800 students worldwide
- 1998-1999 **Study at Fraunhofer Institute of Research in Computer Graphics, Providence, RI, USA and Fraunhofer Institut für Graphische Datenverarbeitung, Darmstadt**
- 2009 to 2011 **Project Coordinator for Quality Management at University of Applied Sciences Aschaffenburg**
- Since 2012 **Head of Career Service at University of Applied Sciences Aschaffenburg**
- Since 2018 **Head of International Office at University of Applied Sciences Aschaffenburg**

Some References:

- Fraunhofer, Munich
- Medien-UNION, Würzburg
- Salt Solutions, Würzburg
- DIEHL, Ansbach
- Atarax, Herzogenaurach
- SAP® SE, Walldorf/Baden
- New Horizons Computer Learning Center, USA
- GIRA, Radevormwald
- NGIT Global Solution, India
- Roosevelt University, USA

CONTACT INFORMATION

Mr. Ernst Schulten · phone: +49 6021 5838-413 · mobile: +49 171 2311001 · mail: info@ernst-schulten.de

Learn more: www.ts410.net