

Business Applications

Business Applications, Evaluation, IT-Architectures, SAP

Target group(s):	7. Semester KTB 7. Semester SWB 7. Semester TIB	Module number	IT 701-21
Workload:	2 Credits		60 Hours
therefrom	Contact hours		30 Hours
	Self study		15 Hours
	Exam preparation		15 Hours
Language of instruction:	German / English		
Module owner:	Dr.-Ing Thomas Linsenmaier		
Date:	01. 10. 2011		

Prerequisites:

None

Total Target:

Knowledge in business applications lifecycle: Definition – Implementation – Run – phase. Approach to review existing IT-architectures and to make recommendations to improve them.

Module content:

- Business Applications: Definition and separations
- Level: System, application, solution
- Lifecycle of Business Applications
- Selection
- Implementation and enhancement
- Maintenance
- SAP Application landscape: ERP and NetWeaver
- SAP-basics – how does it work?
- Applications ERP, CRM, SRM
- NetWeaver: BI, PI, Portal
- Releases, Support packages, Enhancement packages
- System landscape and operations
- System, client, application, AddOn
- Development landscape and template-approach
- System security and high availability
- Case Study: companies system- and application landscapes
- Small and large companies
- IT-Architecture and architecture assessment
- IT-Strategy and business strategy
- AS-IS-architecture and problems/challenges
- Definition of a suitable to-be-architecture
- Evaluation and recommendation
- IT-Roadmap – the way to implement the to-be-architecture

Reference material:

Offered:

Summer semester

Submodules and assessment:

Type of instruction: Course 2+2 hours per week, 14day schedule
Type of assessment: Oral examination, 20 minutes

Semester periods per week: 2 SWS
Estimated student workload: 60 hours

Aims, learning outcomes:

- Knowledge to select, blueprint, implement and run business applications.
- Approach to review and existing IT-architectures and to make recommendations to improve them.