

Course 8012702 Procurement Processes in SAP

1	Course Number 8012702	Study Programme TBB, TAB	Semester 6	Offered in <input checked="" type="checkbox"/> WS <input checked="" type="checkbox"/> SS	Duration 1 semester	Course Type Compulsory	Workload (h) 120	ECTS Points 4
2	Courses Procurement Processes in SAP		Teaching and Learning Forms Lectures, lab exercises		Contact Time (SWS) (h) 4 60		Self-Study Time (h) 60	Language English
3	<p>Learning Outcomes and Competences Once the course has been successfully completed, the students</p> <p>Knowledge and Understanding</p> <ul style="list-style-type: none"> • Have an overview about the main core processes: all steps starting from production/ demand planning up to product delivery and customer paying understand the interaction of different modules together in an integrate ERP software • are able to proceed the standard processes in SAP Logistics Module Materials Management (MM) (know which master data is basically necessary) • learn about procurement and purchasing processes supported by the software • gain first experience in using the SAP user interface • explain the basic procedure of the procurement processes in and understand the connections within the software processes • describe standard processes in terms of document flows in procurement • know the understanding of SAP-processes in the context of industry 4.0 • know and understand approaches of digitalization in software processes with SAP like supplier relationship management for example • know the methods and features in procurement and purchasing, like disposition and order methods • understand the relationships between logistics and financials modules • know typical goals of procurement and purchasing processes like maverick buying and know how to measure for example with process mining methods <p>Use, Application and Generation of Knowledge</p> <p><i>Use and Transfer</i></p> <ul style="list-style-type: none"> • recognize and classify connections to new ways of doing business (digitalization) – also w.r.t. ethical and sustainable aspects • analyse problems occurring during processing application programs and find mistakes or missing inputs caused in master data • Recognize the structure of master data and understand the cooperation between master data and application processes • transfer the gained processing knowledge to other SAP modules and other business application software • understand the basics of process mining • understand how to measure process performance <p><i>Scientific Innovation</i></p> <ul style="list-style-type: none"> • improve Business Application Systems • develop concepts for the optimization of business processes with business applications software • develop concepts for the digitalization of business processes with process mining <p>Communication and Cooperation</p> <ul style="list-style-type: none"> • use the learned knowledge, skills and competences to work out further applications and features of SAP and interpret them according to other business processes • present methodical business contents and discuss them, i.e. methods for an optimization of purchase order quantity • communicate and cooperate within the group in order to find adequate solutions for further digitalization of business processes <p>Scientific Self-Conception/ Professionalism</p> <ul style="list-style-type: none"> • derive recommendations for business process structuring decisions from a social and ethical perspective on the basis of the known possibilities and alternatives • justify the application process solution theoretically and methodically <p>Methods</p> <ul style="list-style-type: none"> • Lecture, exercises in PC pool • Independent work out of SAP applications • Independent work out of process mining applications 							

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4	<p>Contents</p> <p>This course teaches details about enterprise resource planning with a focus on business application software (SAP). Basics about ERP Systems, Procurement Processes, Purchasing Processes.</p> <p>The relation between value stream updating and stock updating/ stock movement in Materials Management module is shown. The special use of different business methods i.e. demand planning methods or optimization of procurement quantity in SAP are explained.</p> <p>New functions and apps to realize a digitalization of business process are discussed.</p> <p>Process analysis methods like process mining are demonstrated and discussed.</p>
5	<p>Participation Requirements</p> <p>recommended: Basic knowledge in Information Technology</p> <p>FOR INCOMING STUDENTS: prerequisite for the lecture to take place: 4 participants minimum</p>
6	<p>Examination Forms and Prerequisites for Awarding ECTS Points</p> <p>Paper and Presentation graded</p>
7	<p>Further Use of Course</p> <p>Business Process Management</p>
8	<p>Course Manager and Full-Time Lecturer</p> <p>Prof. Dr. Uta Mathis</p>
9	<p>Literature</p> <ul style="list-style-type: none"> • http://free.espresso-tutorials.com • Capacity Planning with SAP, E-Book, Uwe Göhring. - Espresso Tutorials • First Steps in SAP SuccessFactors - Performance and Talent Management, E-Book, Pablo Stuardo. - Espresso Tutorials • Guide to SAP In-House Cash (IHC), E-Book, Mary Loughran; Lennart Ullmann. - Espresso Tutorials • First Steps in SAP second edition, E-Book, Sydnie McConnell. - Espresso Tutorials • First Steps in the SAP Purchasing Processes (MM) - 2nd edition, E-Book, Espresso Tutorials • SAP MM Purchasing Simplified for Beginners (30+ Lectures), E-Video, Ulrika Garner. - Espresso Tutorials • Value Flows into SAP ERP FI, CO, and CO-PA, E-Book, Espresso Tutorials • First Steps in SAP Controlling (CO) / Ashish Sampat. - Espresso TutorialsE, E-Book • First Steps in SAP Financial Accounting (FI) / Ann Cacciottoli. - Espresso Tutorials, E-Book • SAP ERP User Guide - Tips to Increase Productivity / Sydnie McConnell. - Espresso Tutorials, E-Book • Process mining in action : principles, use cases and outlook (2020), Lars Reinkemeyer (editor) - Springer, E-Book
10	<p>Last Updated</p> <p>28.09.2021</p>