

<b>Module description: Business Processes 1</b>	
<b>Module Code</b>	t.BA.WI.BWP1.10HS
<b>ECTS Credits</b>	4
<b>Language of Instruction/Examination</b>	German
<b>Organizational Unit</b>	INE
<b>Module Coordinator</b>	Anton Sentic
<b>Legal Framework</b>	The module description is part of the legal basis in addition to the general academic regulations. It is binding. During the first week of the semester a written and communicated supplement can specify the module description in more detail.
<b>Module Characteristic</b>	Type 3a  2 lecture lessons per semester week and class+ 2 lab bi-weekly lessons per semester and half-class
<b>Module Description</b>	Students learn fundamental methods of business administration and apply these methods in the immediate context of the course content and exercises. They learn to analyse, evaluate and explain business processes and contexts, and also synthesise and evaluate business processes in relevant sub-areas.
<b>Module Content</b>	<ul style="list-style-type: none"> <li>• Objectives:</li> <li>• Due to the heterogeneity of the participants and the character of the course, the focus lies on the learning objectives a) to d): All participants should be able to know and understand elementary business administration methods related to business contexts and processes and be able to apply these methods in specific cases and fields. Students shall furthermore get the ability to combine individual business contexts independently and merge them with their own experience (synthesis) as well as to independently assess certain business information and processes according to appropriate criteria (evaluation).</li> <li>• These objectives include the three levels of competency: expertise, social competence and self-competence. Due to the scope and orientation of this module, the course emphasizes on the transfer of business expertise.</li> <li>• Knowledge transfer is prioritized. Skills and attitudes are not given particular consideration. Content: The course conveys the basic business knowledge, which an industrial engineer must master in his professional role as a project manager, service or sales engineer or a planning engineer as well as in a first leadership or managerial function. The effective processing of information generated in companies and the information available in the company's environment is fundamental for entrepreneurial action from the perspective of the engineer. The transferred knowledge is applied within the scope of smaller case studies and the knowledge transfer is verified by successful completion of relevant exercises.</li> <li>• In addition, the WIWAG business simulation game, provided by the Schmidheiny Foundation, may be applied in the exercises. The students experience business context within an entire company. WIWAG is a computer-based business simulation with emphasis on business content. In WIWAG, the participants act as management team of a minimum of three and a maximum of five competing manufacturing companies (SMEs). They develop a corporate strategy and take all relevant operational decisions against the backdrop of constantly changing market conditions. In addition, the participants have to show a constructive handling of conflicting goals.</li> <li>• The module comprises a selection of the following content: The environment of the engineer in corporate organizations and within the society</li> <li>• (about 4 lessons) Controlling (about 4 lessons) Calculation (about 4 lessons) Short-term income statement (about 4 lessons) Business Objectives/ Strategic Planning (about 4 lessons) Operational Planning: Demand and Supply Planning / Production Planning /</li> </ul>
<b>Prerequisite Knowledge</b>	n/a

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<b>Learning Objectives (Competences)</b>	<b>Students...</b>		<b>Competencies</b>	<b>Taxonomies</b>		
	At the end of the course the students are able to know (K1), to understand (K2) and to describe fundamental methods in business administration to apply these methods in the immediate context of the course content and introduced exercises (K3) to analyze (K4), to evaluate and to explain business processes and contexts to synthesize (K5) and to evaluate (K6) business processes in relevant sub-areas		M, F	K1, K2, K3		
<b>Performance Assessment</b>	<b>End-of-module exam</b>		<b>Assessment</b>	<b>Length (min.)</b>	<b>Weighting</b>	<b>Form</b>
	written exam		Grade	90	100	acc. to module agreement
	<b>Performance assessment during the semester</b>		<b>Assessment</b>	<b>Length (min.)</b>	<b>Weighting</b>	<b>Form</b>
	-		-	-	-	-
<b>Classroom Attendance Requirement</b>	None					
<b>Learning material</b>	<ul style="list-style-type: none"> <li>Capaul, R. &amp; Steingruber, D. (2020). Betriebswirtschaft verstehen - Das St. Galler Management-Modell. 4. Auflage Edition. Cornelsen Verlag. ISBN 978-3-06-451401-0. The 3rd edition can also be used as a textbook as the changes between the versions are minimal.</li> </ul>					
<b>Comments</b>						