

## Modul Cover Sheet

<b>Study Programme</b>	MSc in Facility Management	
<b>Study Year</b>	2018_19	
<b>Module</b>	<b>Managerial Finance and Accounting</b>	
<b>Code</b>	n.MA.FM.MFA.16HS	
<b>Status</b>	Compulsory Module	
<b>*Type</b>	<b>C</b> X	<b>R</b> <b>M</b>
<b>ECTS-Credits</b>	4	
<b>Workload</b>	120	
<b>Regulations applications</b>	RPO vom 29. Januar 2008, Studienordnung für den Masterstudiengang MSc in Facility Management vom 24. März 2011, Anhang für den Masterstudiengang MSc in Facility Management vom 30. August 2011, angepasst am 14.4.2015 <i>(Non-binding translation: General Academic Regulations for Bachelor's and Master's degree programmes at the Zurich University of Applied Sciences on 29 January 2008, Academic Regulations for the Master's programme in Facility Management at the Zurich University of Applied Sciences on 24 March 2011, Annexe to the Academic Regulations Master of Science in Facility Management on 30 August 2011, amended on 14 April 2015)</i>	
<b>Module Coordinator</b>	Dr. Beat Affolter	
<b>Telephone / Email</b>	+41 58 934 45 98	beat.affolter@zhaw.ch
<b>Comments</b>		

*Typus (Type)	<b>C</b> Core Course/Module (Kerngebiet eines Studienprogramms)
	<b>R</b> Related Course/Module (Unterstützung des Kerngebiets mit Vermittlung von Vor- oder Zusatzkenntnissen)
	<b>M</b> Minor Course/Module (Wahl- oder Ergänzungskurs/-modul)

EUROPEAN CREDIT TRANSFER SYSTEM (ECTS)

### Consecutive Sheet

<b>Study Programme</b>	MSc in Facility Management				
<b>Study Year</b>	2018_19				
<b>Course</b>	<b>Managerial Finance and Accounting</b>				
<b>Code</b>	n.MA.FM.MFA.16HS.V				
<b>Module</b>	Managerial Finance and Accounting				
<b>Status</b>	Compulsory Course				
<b>*Type</b>	<b>C</b>	<b>X</b>	<b>R</b>	<b>M</b>	
<b>Regulations applicable</b>	<p>RPO vom 29. Januar 2008, Studienordnung für den Masterstudiengang MSc in Facility Management vom 24. März 2011, Anhang für den Masterstudiengang MSc in Facility Management vom 30. August 2011, angepasst am 14.4.2015  <i>(Non-binding translation: General Academic Regulations for Bachelor's and Master's degree programmes at the Zurich University of Applied Sciences on 29 January 2008, Academic Regulations for the Master's programme in Facility Management at the Zurich University of Applied Sciences on 24 March 2011, Annexe to the Academic Regulations Master of Science in Facility Management on 30 August 2011, amended on 14 April 2015)</i></p>				
Total Workload (hours)					
	<b>1. Sem.</b>	<b>2. Sem.</b>	<b>3. Sem.</b>	<b>4. Sem.</b>	<b>5. Sem.</b>
<i>Lectures</i>	56				
<i>Coached Self-study</i>	0				
<i>Autonomous selfstudy</i>	64				
<i>Total Workload</i>	120				
<b>Course Coordinator</b>	Dr. Beat Affolter				
<b>Telephone / Email</b>	+41 58 934 45 98		beat.affolter@zhaw.ch		
<b>Lecturer(s)</b>	Niccole Jordan, Helene Eller				
<b>Speaker(s)</b>					
<b>Associate(s)</b>					

EUROPEAN CREDIT TRANSFER SYSTEM (ECTS)

<p><b>Learning Outcomes and Competencies</b></p>	<p>Upon completion of this module students will have critical knowledge and understanding as follows:</p> <p>The course provides the students with the tools necessary to effectively communicate their business needs to financial managers or to act as a financial manager of a real estate or facility management company.</p> <p>With regards to <b>Managerial Accounting</b>, the students will</p> <ul style="list-style-type: none"> <li>- be able to explain the role of management accounting within a business and describe what management accounting information is used for.</li> <li>- know which costs are relevant for decision making in FM and have a decent understanding about costs in the managerial accounting context.</li> <li>- be able to define a budget and show how budgets, strategic objectives and strategic plans are related.</li> <li>- understand the relevant tools in financial controlling such as cost-volume-profit-analysis, break-even computations, cost center accounting, or target versus actual deviation analysis.</li> </ul> <p>When it comes to <b>Financial Accounting</b>, the students will</p> <ul style="list-style-type: none"> <li>- understand the purpose and content of the principal financial statements: (a) balance sheet, (b) income statement, (c) cashflow statement.</li> <li>- develop skills to analyse the relations between revenues, expenses, and net income, and understand how differences in business models affect those relations.</li> <li>- understand the idea of Generally Accepted Accounting Principles and the roles of participants in the financial reporting process (e.g. financial managers, regulators, and auditors)</li> <li>- gain awareness of financial reporting as part of providing information to shareholders/stakeholders and as a management tool.</li> <li>- understand the link between managerial and financial accounting.</li> </ul> <p>Finally, in terms of <b>Corporate Finance</b>, the students will</p> <ul style="list-style-type: none"> <li>- understand the nature and importance of companies' investment, financing, and financial planning decision making.</li> <li>- know and understand the main investment appraisal methods used in practice</li> <li>- understand the difference between earnings and cash flows and know how to compute the opportunity cost of capital</li> <li>- be able to value cash flows (PV, NPV) in order to draw a conclusion whether or not to invest into a certain project (like, for example, building a new production facility or replacing a still working heating).</li> <li>- know the principal components of working capital and can explain the importance of establishing policies for the control of working capital.</li> </ul>
<p><b>Course Content</b></p>	<ul style="list-style-type: none"> <li>- Financial accounting</li> <li>- Managerial accounting</li> <li>- Corporate Finance</li> <li>- Interaction CFO, CFMO and Accountants</li> <li>- Practical application of finance models to actual business decisions</li> </ul>
<p><b>Language of Instruction</b></p>	<p>English</p>
<p><b>Expected Attendance</b></p>	<p>Attendance is expected and strongly recommended. Mandatory attendance on selected dates – the exact dates will be provided at the beginning of the course.</p>

EUROPEAN CREDIT TRANSFER SYSTEM (ECTS)

<b>Assessment</b>	<ul style="list-style-type: none"> <li>• Written exam (90 minutes) in the exam period (counts for 70% of the final grade)</li> <li>• 3 written sub-exams during the semester (each counts for 10% of the final grade)</li> </ul>
<b>Course Materials / References</b>	<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>- McLaney, Atrill (2016). Accounting and Finance An Introduction; 8th edition. Pearson. ISBN-10: 978-1-292-08829-7.</li> </ul> <p><b>Additional:</b></p> <ul style="list-style-type: none"> <li>- Brealey, Myers, Marcus (2015). Fundamentals of Corporate Finance; 7th edition. McGraw-Hill. ISBN-10: 981-4670-94-4.</li> <li>- Miller-Nobles, Mattison, Matsumura (2016). Horngren's Accounting, The Managerial Chapters; 11<sup>th</sup> Edition. Pearson. ISBN-10: 1-292-10587-9.</li> <li>-</li> </ul>
<b>Entrance Requirements</b>	FM BSc Finance / Controlling, FM Fundamental Skills Finance and Accounting
<b>Follow-up Courses</b>	<ul style="list-style-type: none"> <li>- Business Environment</li> <li>- FM Environment</li> <li>- Case Study</li> </ul>
<b>Comments</b>	Students are expected to acquire the theoretical background in self-study mode before class. In class, more in-depth knowledge will be developed by reviewing the key concepts and by aid of case studies, practice reports and exercises.