

Syllabus (Master Industrial Management)
MWI10030 Leading Virtual Teams
Prof. Dr. Jasmin Mahadevan
Winter Semester 2024/25

Level	Master	
Credits	3	
Contact Hours	2	
Workload	90 Hours	
Prerequisites	English C1 (if not: talk to lecturer)	
Time	Thursdays, 9:45 – 13:00 (not every week); for dates / changes: check LSF	
Room	T2.4.05	
Start Date	Thursday, 10 October, 09:45 – 13 hrs	
Lecturer(s)	Name	Prof. Dr. Jasmin Mahadevan
	Office	T2.2.18
	Office Hours	Displayed in front of office T2.2.18, appointment via email
	Phone	07231 28-6391
	Email	jasmin.mahadevan@hs-pforzheim.de (preferred mode)

Summary

The focus of this course is on how to lead various types of virtual teams and to engage successfully in virtual team collaboration while acknowledging team-members' and team-leaders' needs.

Assessment

- Presentation / facilitation of student activities (graded)
- In-class participation and assignments (ungraded, prerequisite for final assessment)

Grading scale: (see SPO, allg. Teil, Neufassung vom 01.09.06, p. 20)

- 1 = excellent (pass grade) = outstanding work;
- 2 = good (pass grade) = work which is far above average
- 3 = satisfactory (pass grade) = average work;
- 4 = sufficient (pass grade) = work with shortcomings which still meets requirements
- 5 = insufficient (fail grade) = work with severe shortcomings, does not meet requirements

Course Material

- Main source: Mahadevan, J. (2024), *Virtual Team Collaboration*, Springer. E-book accessible via VPN connection / HS PF library, <https://link.springer.com/book/10.1007/978-3-658-44969-8>
- Further material to be distributed via moodle / in-class

Course Intended Learning Outcomes and their Contribution to Program Intended Learning Outcomes / Program Goals

Program Intended Learning Outcomes	Course Intended Learning Outcomes
After completion of the program the students will be able...	After completion of the course the students will be able...
1 Responsible leadership in organizational contexts	
1.1 ...to demonstrate their solid knowledge of numerous relevant management principles. They are able to explain and discuss them discerningly.	to demonstrate competencies in the area of virtual team collaboration in practice.
1.2 ...to apply management principles within an organizational context.	to apply virtual team leadership principles to practice
1.3 ...to reflect discerningly and critically on diverse management principles within an organizational context.	to better reflect upon their own virtual team collaboration experiences
1.4 ... to understand and deal with the challenges of ethics and sustainability for responsible business operations and are able to deal with them.	to better understand selected sustainability and ethical challenges of virtual team collaboration
2 Creative problem solving skills in a complex business environment	
2.1 ...to recognize and define problems as well as assess their importance.	To better recognize and define virtual team collaboration problems
2.2 ...to analyse complex in-company and inter-company problems and challenges from different perspectives and/or within an international context.	To better analyse in- and inter-organizational virtual team challenges from multiple perspective and in global and local contexts
2.3 ...to independently develop creative solutions to complex in-company and inter-company problems and challenges.	To develop better solutions to in- and inter-organizational virtual team challenges and problems
2.4 ...to clarify successfully complex problems and solutions to both experts and laymen.	
3 Research expertise and its practical application	
3.1 ...to demonstrate their knowledge of research methods relevant to engineering and management as well as their advantages and disadvantages.	
3.2 ...to successfully apply research methods relevant to engineering and management.	to better apply said research methods to the area of virtual team collaboration
3.3 ...to implement relevant research methods in such a way as to deliver reliable and innovative results.	
4 Interface competence in the technical-economic area	
4.1 ... to demonstrate sound knowledge in the technical and economic fields for the integrative solution of complex tasks.	To better demonstrate said knowledge as related to virtual team collaboration
4.2 ... apply the methods of project management and successfully organize, implement and manage projects.	To better transfer said methods to virtual team collaboration
4.3 ... to develop and evaluate alternative solutions, taking into account various specialist disciplines, and to implement them in integrative overall solutions.	To better transfer said integrative solutions to virtual team collaboration

Teaching and Learning Approach / Teaching philosophy

These are the roles and responsibilities in this course:

- The lecturer is responsible for providing you with learning opportunities
- Students are responsible for doing the learning

Academic Integrity and Student Responsibility

- Student responsibility: See teaching and learning approach
- Academic integrity: Plagiarism and violation of academic standards result in an immediate fail
- Any use of Artificial Intelligence, also: translation tools, needs to be indicated. The allowed usage of translation tools is limited to translation of words and phrases: the tool may not 'write' your content or translate the whole of it. When you present, you must speak freely and speak / write in your own words.