



## Capstone: DigitalISM Challenge

57E00700, 6 ECTS

### SYLLABUS

24.10.2019 (v. 2)

Responsible teacher:	Other faculty / academic coaches:
Senior University Lecturer, Johanna Bragge <a href="mailto:johanna.bragge@aalto.fi">johanna.bragge@aalto.fi</a> <a href="https://people.aalto.fi/johanna_bragge">https://people.aalto.fi/johanna_bragge</a>	Professor of Practice Esko Penttinen Email: <a href="mailto:esko.penttinen@aalto.fi">esko.penttinen@aalto.fi</a> <a href="https://people.aalto.fi/esko_penttinen">https://people.aalto.fi/esko_penttinen</a>
<b>Course information:</b> Timing: Fall 2019 (Period II) Language of instruction: <b>English</b> Location: see schedule below Course website: <a href="https://mycourses.aalto.fi/course/view.php?id=23816">https://mycourses.aalto.fi/course/view.php?id=23816</a> Level: MSc studies, Aalto cross-school elective course	Researcher Juha Eskelinen Email: <a href="mailto:juha.p.eskelinen@aalto.fi">juha.p.eskelinen@aalto.fi</a> <a href="http://www.melkior.fi/melkior/juha_fi.html">http://www.melkior.fi/melkior/juha_fi.html</a>
	University Lecturer Tapani Kykkänen Email: <a href="mailto:tapani.kykkänen@aalto.fi">tapani.kykkänen@aalto.fi</a> <a href="https://people.aalto.fi/tapani.kykkänen">https://people.aalto.fi/tapani.kykkänen</a> + visiting two coaches from Aalto ARTS

#### 1. OVERVIEW

This course is organized in collaboration with Accenture and selected organizations from the public sector, and it is open to all Aalto Master's students. Also Bachelor's students can take the course given that they have sufficient background knowledge.

All Aalto students can include the course in their studies as part of their elective courses. Business school students can include it either as an elective course or use the course to replace their MSc capstone course if they study in one of the following programs: Accounting, Business Law, Corporate Communications, Entrepreneurship, Finance, ISM, Management & IB, or Marketing. In other words, the course can be used to replace one of the following courses:

- 21E99904 Capstone: Business Development Project (Management and International Business)
- 22E99904 Capstone: Accounting
- 23E99906 Capstone course: Marketing
- 25E99904 Capstone: Business Development Project (Entrepreneurship)
- 28E33000 Capstone: Mergers and acquisitions
- 32E99904 Capstone: Business Development Project (Business Law)
- 57E00500 Capstone: Business Intelligence
- 75E99904 Capstone: Business Development Project (Corporate communication)

You can sign up to the course via WebOodi – the registration link is also at the event website:  
<https://www.digi-challenge.fi/>

The course is about solving a real problem in an organization. The work will be done in teams of 4-6 students, and it is not possible to complete the course as a distance learning project. Different teams will have different challenge problems to solve. See news about the #NordicSmartGovernment theme and the public sector client organizations of Fall 2019 course: <https://www.aalto.fi/en/news/the-topical-theme-of-the-5th-digitalism-challenge-course-is-nordic-smart-government> . There will also be SME's as cases.

## 2. PREREQUISITES

The course is intended for Master's level students who have already completed a large part of their Master's studies. However, Bachelor's level students are also welcome to participate if they have sufficient background knowledge.

## 3. LEARNING OUTCOMES

After the completion of this course, students can

1. **Apply** the knowledge and skills they have accumulated during their studies in solving real-life problems
2. **Present** and promote their ideas and solutions in compelling ways
3. **Write** reports to senior decision-makers
4. **Prepare** a change management plan for an organization
5. **Cooperate** in cross-functional initiatives

## 4. ASSESSMENT AND GRADING

Each student is graded on the 0-5 scale. Attendance in key events is mandatory, including kick-off, two intensive event days and the final presentations. Maximum *two absences are allowed* from lectures and similar sessions. **However, in case of a valid reason the student can be absent also from a mandatory event, if that is agreed together with the other student team members AND informed to the responsible teacher in advance.**

The grade is determined based on the team's pre-assignment report, project presentation and final report. In addition to the instructors, external judges will give feedback. Also, individual peer-to-peer assessments will be used to ensure that each student's contribution to the final deliverable is visible.

### Evaluation criteria

Pre-assignment report	20 %
Final presentation	30 %
Final report 50%, consists of two elements:	
Final report	40 %
Individual peer evaluation reports	10 %

## 5. SCHEDULE (Compulsory event dates are marked in bold)

Date 2019	Time	Location	Topic
<b>Mon 28.10.</b>	15.00-19.00	<b>Dipoli:</b> Lumituuli, Kaleva & Sief halls ( <b>Otakaari 24</b> )	<b>Kick-off</b> All participating organizations and students of the course
Fri 1.11.	12.15-15.00	<b>V001-V002</b> (Aalto BIZ, Ekonominaukio 1)	<b>Lecture 1: Detailed project introduction</b> Accenture and several representatives from #NSGFinland and the case-SME's
Mon 4.11.	12.15-15.00	<b>Dipoli, Kaleva Hall</b> (Otakaari 24)	<b>Lecture 2: Presentation techniques and pitching</b> <i>Christa Uusi-Rauva</i> , Presentation Skills Specialist at Aalto University
Fri 8.11.	12.15-15.00	<b>V001-V002 Jenny ja Antti Wihurin rahasto -Saastamoisen säätiö Halls</b> (Aalto BIZ, Ekonominaukio 1)	<b>Lecture 3: Introduction to Design Thinking and Service Design Tools / Blockchain, AI and Data trends</b> <i>Antti Routto</i> , Fjord <i>Jukka Myllyaho</i> and <i>Marko Sysi-Aho</i> , Accenture
<b>29.10.-7.11.</b>			<i>Possible excursions to client organizations</i>
<b>Mon 11.11.</b>	9.00-18.30	<b>Dipoli:</b> Lumituuli, Kaleva & Sief halls	<b>Intensive Event / Hackathon Day 1</b>
<b>Tue 12.11.</b>	9.00-18.30	<b>Dipoli:</b> Lumituuli, Kaleva & Sief halls	<b>Intensive Event / Hackathon Day 2</b>
Thu 14.11.	10.00-12.00	<b>Q201, Väre</b>	<b>Guest lecture:</b> Assoc. Prof William Baber / Kioto University, Multi-cultural negotiations
<b>Mon 25.11.</b>	13.00-18.00	<b>Dipoli, Kaleva Hall</b>	<b>Final presentations and Final</b>

Room V001-V002 is located at the ground floor of Aalto BIZ building at Ekonominaukio 1. Dipoli is located in Otakaari 24. Room Q201 is located in Aalto ARTS building, Otaniementie 14.

## 6. DEADLINES FOR DELIVERABLES (submitted to MyCourses / Assignments)

Pre-assignment report **	8.11. at 11 o'clock
Intensive Event Day 1 and Day 2 materials **	12.11. at 13 o'clock and 13.11. at 13 o'clock
Final presentation file **	22.11. at 13 o'clock
Final report **	12.12. at 13 o'clock
Peer-evaluation report *	13.12. at 13 o'clock

\*\* Team deliverables \* Individual deliverable

## 7. COURSE WORKLOAD

Pre-assignment	12h
Pre-event meetings and lectures	15h
Intensive event days	19h
Deployment and related planning in the case organization	60h
Documentation and presentations	54h
Total	160h (6 op)

## 8. ETHICAL RULES

Aalto University Code of Academic Integrity and Handling Violations Thereof

<https://into.aalto.fi/display/ensaannot/Aalto+University+Code+of+Academic+Integrity+and+Handling+Violations+Thereof>

## 9. OTHER ISSUES

- Registration to course: in WebOodi (30.9.-21.10.2019), marketing site <https://www.digi-challenge.fi/>
- Course Policies: Attendance in key events is mandatory, including kick-off, two intensive event days and final presentations. Maximum two absences are allowed from lectures and similar events. However, in case of a valid reason the student can be absent also from a mandatory event, if that is agreed together with the other student team members, and informed to the responsible teacher in advance.