

“The Digital Transformation of IT – the case of Siemens Healthineers” (CIO special lecture) accounted as Managing Global Projects

Exam number:	70604
Module number:	IIS-7060
ECTS	2,5
Semester:	Winter term
Language:	English

About the course

Driven by business opportunities and needs as well as boosted by latest pandemic settings, digitalization is one of the main forces in nowadays business. This bears important questions and action fields for a leading IT organization.

Siemens Healthineers IT embarked in 2017 on its “Digital Transformation of IT” journey, which is still in full swing, encompassing crucial characteristics of a global project.

Within this lecture the Siemens Healthineers CIO Dr. Stefan Henkel and members of his team will share firsthand insights and experiences, addressing the following questions

- IT Strategy as foundation for the Digital Transformation:
 - What are key steps to develop a sound IT strategy?
 - What are the strategic focus fields of the IT strategy?
 - How is the Digital Transformation of IT linked to the IT Strategy?
- What are key projects for the implementation of the IT strategy?
- What are key IT trends for the upcoming 2-3 years?
- Why is a (continuous) Digital Transformation essential at all?
- How can new ways of IT demand clarification and methods like Design Thinking fuel the business interaction?
- How do IT enterprise architecture and a platform strategy enable agility and flexibility for the business?
- Which roles play culture and competence development?

For each of these topics, students will be given an introduction (knowledge transfer, practice sharing) and then work on real-world challenges to gain deeper insights into the topic (knowledge application). The students will work in teams on projects during the semester.

Goals

The main goal of the course is to share and discuss firsthand experience of the global multiyear “Digital Transformation of IT” within Siemens Healthineers IT. Students will have the possibility to understand business rationale and implementation approach combined with practical experience on methods and tools.

The course will provide leadership experience and perspective-sharing, combined with practical method application and discussion formats.

The students will:

- Learn about the **strategic direction and digital transformation context** of the IT organization within the leading MedTech-Provider Siemens Healthineers

- Get to know and experience the **user centered method of Design Thinking** and new way of working approaches
- Get to know the **importance of Culture** in the run of digital transformation as well as relevant aspects of **leadership and skills development**
- Understand the context of a broader **Enterprise IT-Architecture and a derived platform strategy**

Final grading will be based on an elaborated group presentation (group assignment within the course) in the context of the above-mentioned learning topics)

Registration

Via [Studon](#) between **05.10.2021** starting 12:00 by **18.10.2021** ending 21:00.

Registrations by 05.10.2021 – 3:00 p.m. will have the equal opportunities to participate in “The Digital Transformation of IT – the case of Siemens Healthineers” (accounted for as Managing Global Projects).

Maximum number of participants: 12 (real-world case work in 3 groups per 4 persons each)

Organisation

Time: blocked Lecture:

1st, Wednesday December 1st, 9.00-12.00

2nd, Monday December 6th, 16.00-19.00

3rd, Thursday December 16th, 9.00-12.00

Room: Remote Lecture, Final Group Presentations planned onsite at Siemens Healthineers IT Facility in Erlangen (if situation allows for)



Siemens Healthineers CIO Dr. Stefan Henkel