



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Managing Technical Debt In Software Engineering: Theory and Practices

2021-87R-03

Title

Managing Technical Debt in Software Engineering:

Theory and practices

Teacher(s)

Francesca Arcelli Fontana and 3 seminars by colleagues of other Universities in Europe

Language

English

Short description

Aims of the course: provide an overview of the main approaches, techniques and tools available to manage different levels and forms of technical debt. Moreover, the students can capture how different techniques applied in different domains can be used also to face different problems of Technical Debt in the software engineering area. The main focus will be on code and architecture debt, in microservices debt and tools able to detect some kind of Technical Debt Index.

CFU / Hours

about 20 hours

Teaching period

June-July 2021
