

Advanced Software Engineering Techniques

Research Component – December 9, 2025

Content

- ▶ Research component (English)

Lab 12 deadline lab 13/14 – Implementation Version Beta 1

MOP or QoS or SOA or RV (min **-20**, max 25)

or

Advanced Non-Functional Testing (min **-20**, max 15)

or

Using AI for advanced functional or test code generation (min **-20**, max 25)

Lab 13 deadline lab 14 – Implementation Final Version

Comparison with other methods (max 10)

Evaluation + statistics (max 10)

Article, technical report (max 15)

Technical Report (~ Article)

- ▶ Content (5–6–7 pages):
 - Problem presentation (0.5 pages)
 - State-of-the-art (0.5 pages)
 - Your solution (1 page)
 - Results, Evaluation (1–2 pages)
 - Comparison with other solutions (1 page)
 - Future work (0.5 pages)
 - Conclusions (0.5 pages)
 - Bibliography (0.5 pages)
 - Links

- ▶ In ENGLISH