Future of the ESA course

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Abstract

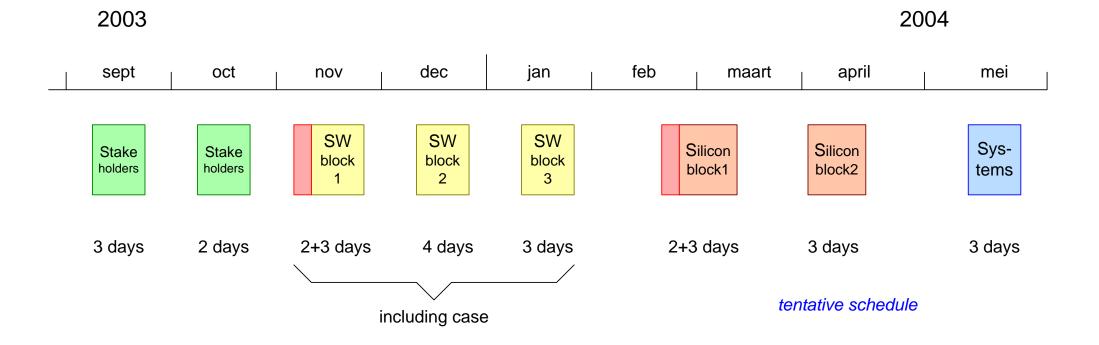
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logo TBD

Course blocks in time



Positioning of courses w.r.t. architect maturity

root generalist business, application insight psycho-social technical technical skills know-how know-how process insight apply theory experience the see every human become all-round non-technical aspects as an individual in practice specific broaden non technical scope broaden system design stimulate personal increase skills technologies technology methodology development and methods business methodology scope architecture school legenda Execution SARCH (**ESA SW** architecture **Philips ESA** System design internal stakeholders **ESA** silicon methods available Thomas Gilb - EVO **Architectural** ESA system external reasoning Thomas Gilb - requirements eng **ESA** Bredemeyer missing Bredemeyer - Role of the architect SW architecture mechatronics



2003 2004 2005

Stakeholders 3+2 days

SW 3+4+3 days

> Silicon 3+3 days

System technologies 3 days

mecha-tronics

performance design

control architecture

system architecting 5 days

physics/optics ?

testability

architectural reasoning 5 days

tentative roadmap

legenda architecting maturity level

architecting non technical aspects

multi-disciplinary system design

technological broadening

