

Workshop Reflective Practice; Course Information

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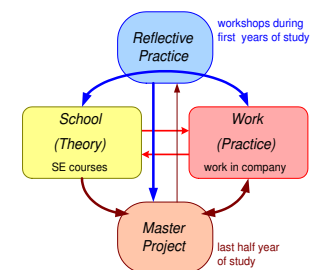
Abstract

Industry master students work part-time in an engineering company. The Reflective Practice workshops are set-up to stimulate reflection, and to connect the educational environment with the working experience. The order and rationale behind the workshops is provided.

Distribution

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Colophon

Merete Faanes from Buskerud University College created the educational flow *Reflective Practice* .
Reflective Practice is a thread throughout the entire master Systems Engineering to stimulate students to relate *Education* and *Practice* .

These workshops are the result of the cooperation of Merete Faanes and Gerrit Muller

Objectives of the Course Reflective Practice

to help students to develop their reflective capabilities

to stimulate students to bring their practical experiences into the class room

to stimulate students to apply what they learn at their company

to stimulate students to wonder about state-of-practice

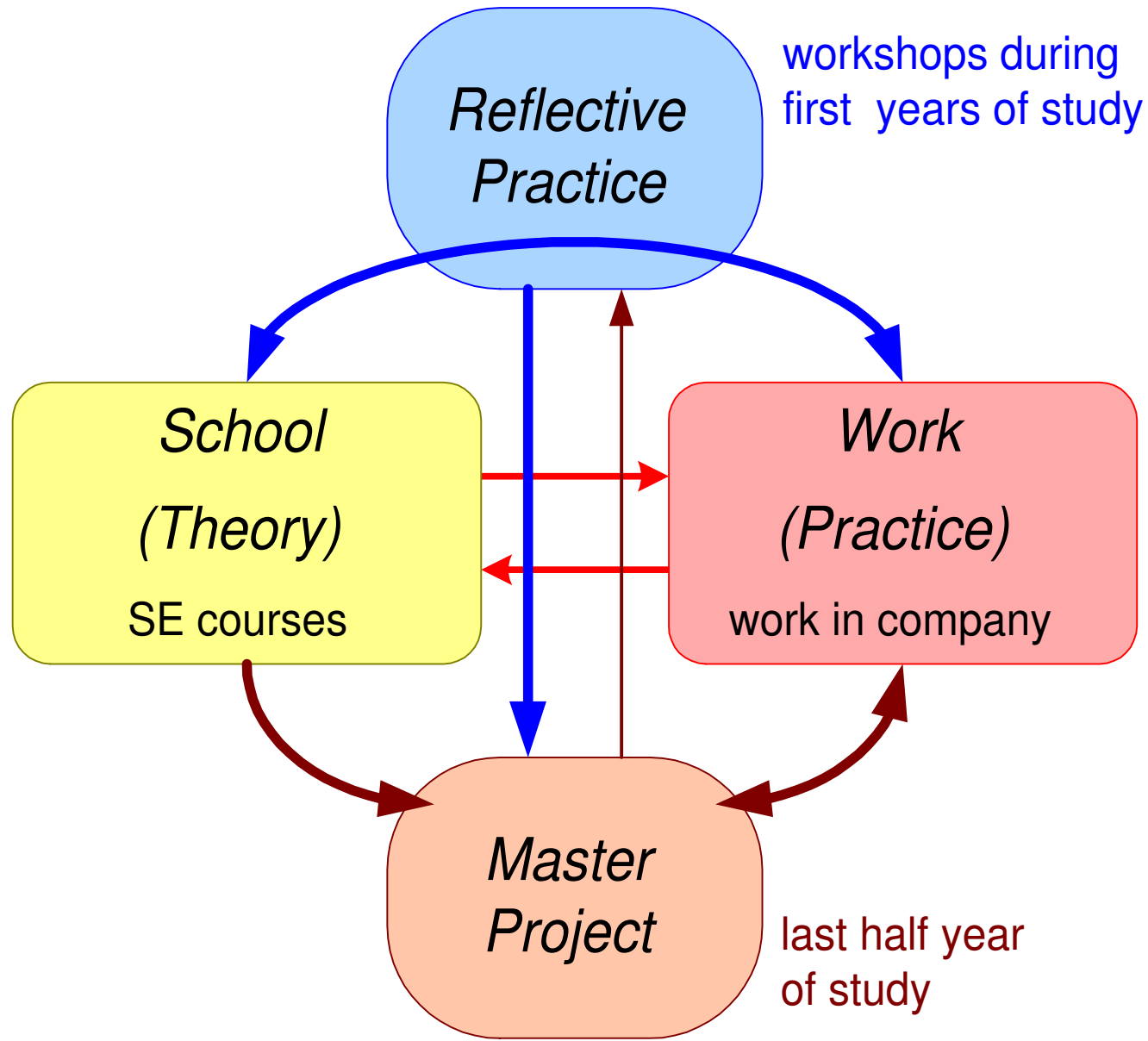
to stimulate students to be critical to:

the offered education

the way of working in their company

their own position and attitude

Connecting Theory and Practice, Education and Work



Workshops Reflective Practice

1st year

Reflection

My Role and Style

Critical Thinking

Domain knowledge

2nd year

How to apply SE in my daily work?

Cultural differences (international semester)

project (international semester)

3rd year

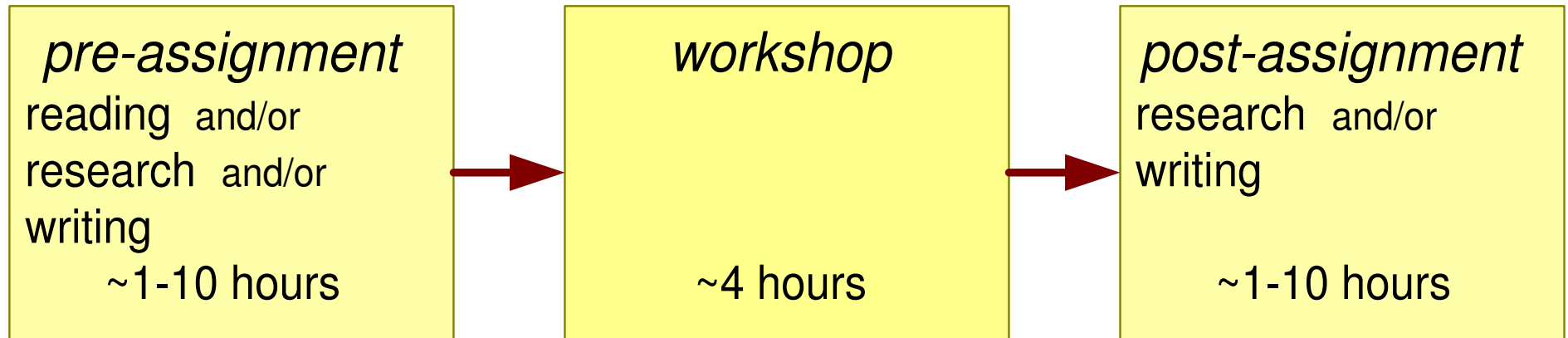
Communication

From Student to Systems Engineer

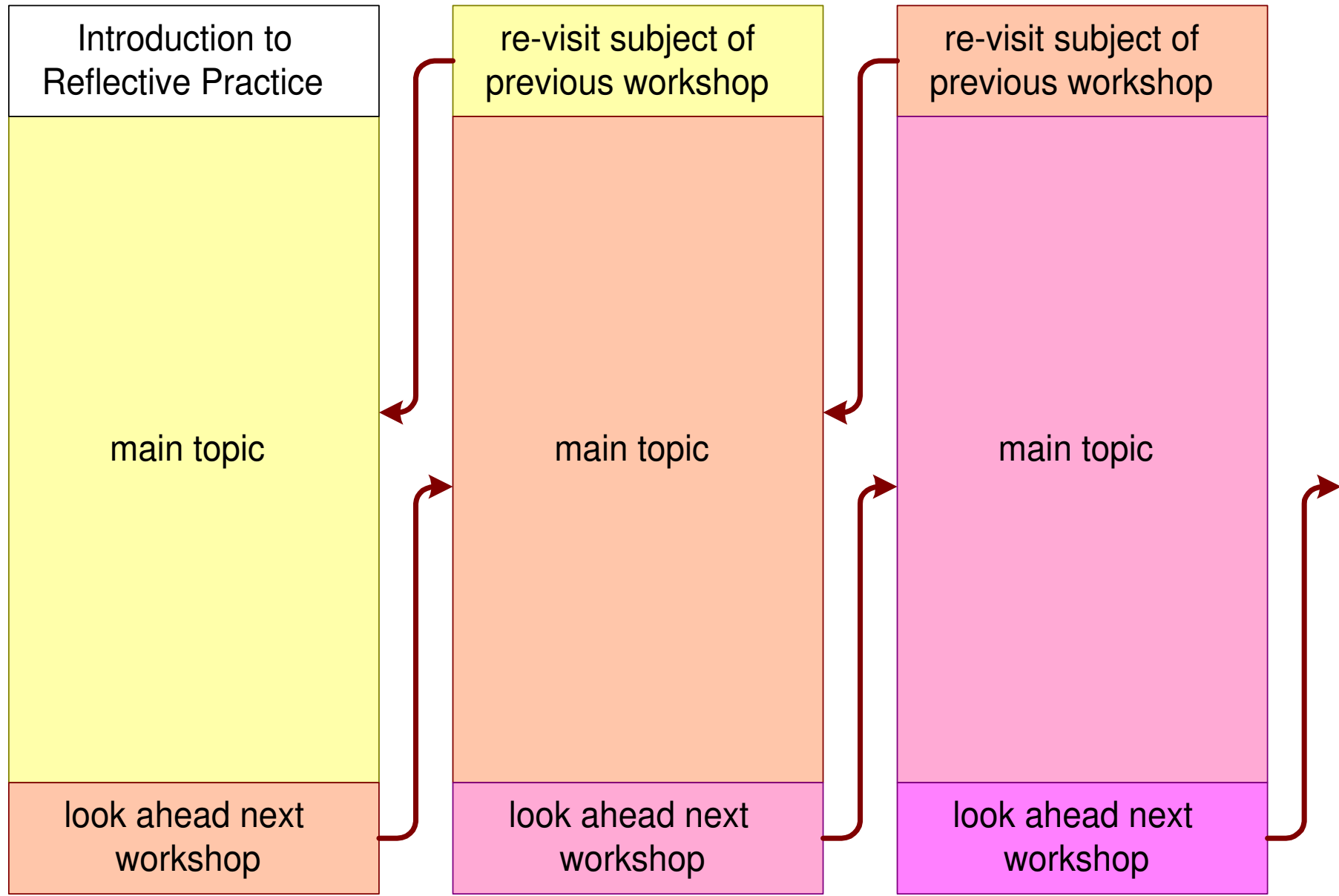
Writing

*workshops in
italics are still
under discussion*

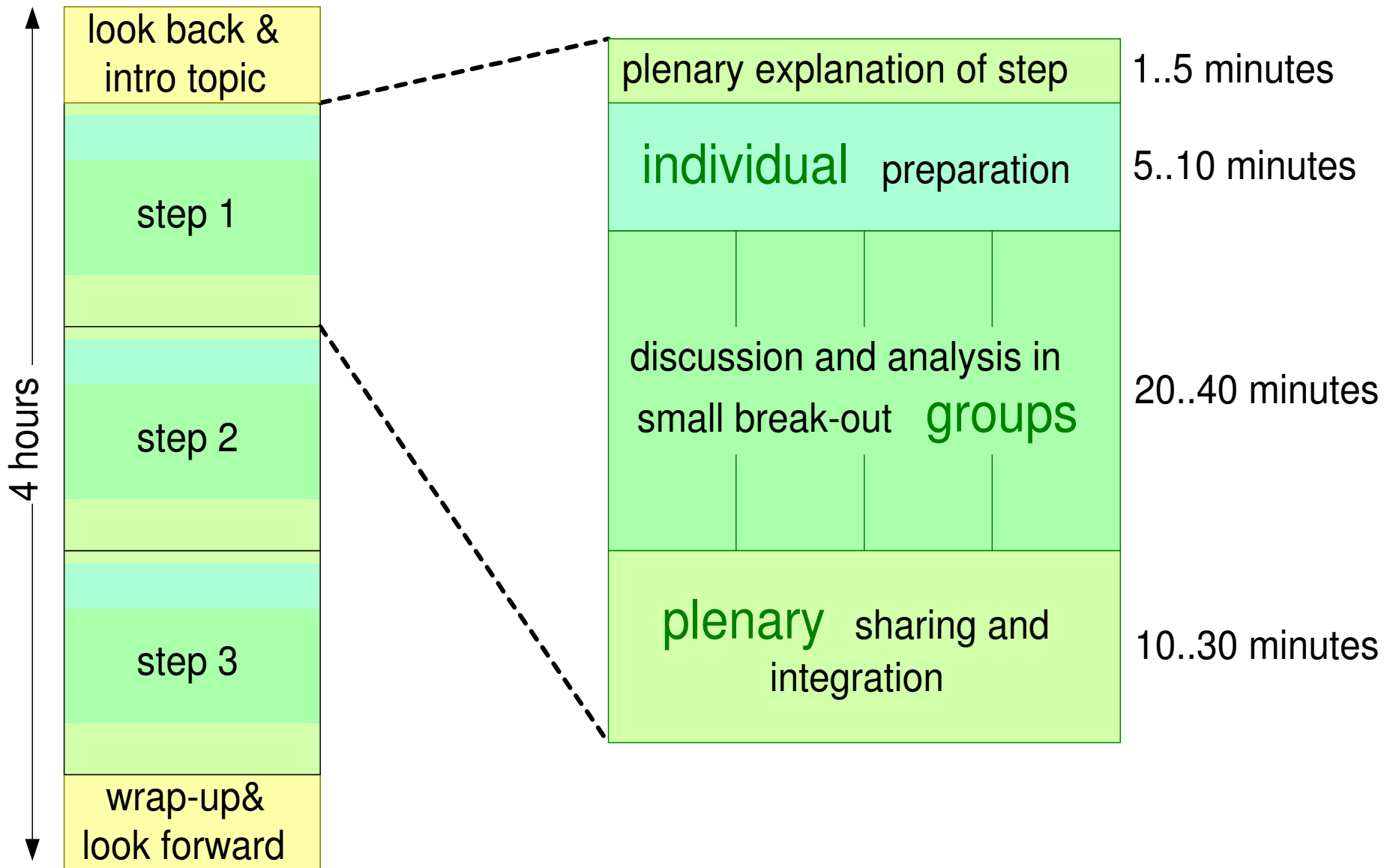
Pre Assignment, Workshop, Post Assignment



Linking Workshops



Typical Format of a Workshop



Mandatory Elements for Reflective Practice

Participation in workshops is mandatory

Submission of pre- and post-assignments is mandatory

Participation in international project is mandatory

Four larger assignments are Pass/Fail graded

(tentatively in semester 1, 2, 3 and 5)

Study Load

study load: 10 ECTS

e.g. nominal study load is 270 hours

workshop load (12 hours average per workshop) : 110 hours

gradeable assignments (20 hours average per deliverable) : 80
hours

international project load: 80 hours

Reflection Report

subject or goal

description of your experiences

analysis

lessons learned

actions as follow-up

avoid broad generic statements

illustrate with specific examples

Assignments

Submission instructions

use for all deliverables the following conventions:

filename: RP <your name> <subject> <workshop>.<version>.<extension>

e.g. RP John Student preassignment My Role.2.doc

where subject = {preassignment|postassignment| ...}

email to: <gerrit . muller @ gmail . com>

subject: RP <subject> <workshop>

cc: <Merete.R.Faanes @ hibu . no>

"standard" file types preferred, e.g. pdf, jpg, doc, xls, ppt

submission deadline preassignment: 1 week before workshop

submission deadline postassignment: 2 weeks after workshop