

Test Review sessions in the



Module 5a

Creative Technology

Best practices and critical remarks

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Context

Create offers specialisation (15EC) in module 5:

- Or New Media: audio, graphics, storytelling, game design, animated narration
- Or Smart Technology: technology behind “smart” products via 4 core topics:
 - Electric Circuits and Electronics
 - Sensors
 - Telecommunication
 - Control Systems

Module Design



15EC in 15EC module

Smart Tech Core: ~~15EC~~ 10.5EC

Math: ~~3EC~~ 2EC

Individual Project: 2EC

Tutoring: 0.5EC

TOM stimulates integration

- Find topics that fit together and form a theme
- Story line throughout the module
- Offer a subject when it is needed: e.g. complex numbers (math) at complex impedances (electric circuits)
- Tests are progress tests of all topics at that moment → no longer “individual course” tests

Tests

- Theory (10.5EC) → 6 tests divided over 5 theory components (4x Smart Tech and 1x Math)

Tests

- Minimum grade per test: 5.0
- Every Monday morning a test
- With test in week $x \rightarrow$ resit in week $x+2$
- Conditions for participation in resit
 - Test (peer) review session (adapted from Luuk Spreeuwiers - EE)

Test Review sessions

- Test on a Monday → test review session same Friday
- Scheduled in the roster: every Friday morning 8.45 – 10.30
- Mandatory if insufficient mark on regular test
- Not mandatory if sufficient mark on regular test, bonus of 0.5point on regular test grade

Test Review sessions

- Review session: student discuss their test in groups of 4 – 5 (mix of sufficient and insufficient)
- Redo the question made insufficient
- Teacher checks results and decides allocation of bonus

Results

- Excellent peer learning environment on learning materials
- Evaluations: peer-reviews are experienced as helpful/useful
- Feedback during review sessions: students valued positive learning experience afterwards

Thank you for attention

