Course analysis SD1105 MATLAB, 3 hp, V17 - H17

This course analysis is a reflexion upon the course learning environment by the course teachers Urmas Ross and Ulf Carlsson.

Course activities

The course is intended to be an introduction to MATLAB. It is not intended to be a programming course. After passing the course the participant should be able to use MATLAB as a tool in other courses at KTH.

The course start and finish time is to large extent set by the participant.

The course is a self-study course, teacher support is provided when needed. There are at least two meetings with a teacher. First meeting, a qualification test with a fairly simple MATLAB coding task, is planned after the participant has worked through the course material - a compendium and a collection of exercises. If the qualification test is passed the participant receives a final examination task to be performed at home. When the examination task is done then the final meeting where the code is examined and discussed is held. After the discussion the participant receives a grade Pass or Fail.

Advice to future participants
- All needed information and course material is available on Canvas. Read it.
- Try to finish the course as quickly as possible. When other courses increase pressure it will not happen.
- Make the code for the examination task as simple as possible. This is an introduction to MATLAB not a programming course.

General impression of the learning environment
The general impression is that the learning environment is adequate. Since it is a self-study course there is only limited interaction between participants.

Positive aspects of the learning environment
- The material is adequate for an introductory course, i.e. neither to extensive nor to short.
- Possible to adapt the learning activities individually.

Aspects that need to be developed
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Course data
- Number of registered participants V17 - H17 (2017-01-24 – 2018-01-23): 101
- Number of participants passed V17 - H17 (2017-01-24 – 2018-01-23): 68

Student effort
The student effort depends on the prior knowledge of MATLAB and coding in general. Those with prior knowledge will find the course easy to pass whereas those with no prior knowledge will have to spend more time on the course.

Prioritized course development
No immediate course development is planned at present.