



UNIVERSITY OF
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Calculus Driving Test with DEWIS

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Outline



- Motivation
- “Calculus Driving Test” or Sharing an experience
- Some other e-Assessment projects and future plans
- Conclusions
- References

Introduction and motivation

- To improve integration skills in our first year mathematics students, last academic year we have introduced so called '*calculus driving test*'.
- The test has been realised using the **DEWIS e-Assessment system**.
- The aim of this lightning talk is to share gained experiences including fun we had with coding the questions.

Action

Semester 2, 2016/17

- Selected questions
- Coded questions
- Created test and uploaded on Blackboard
- Piloting (VP)

Semester 1, 2017/18

- Implemented 'Calculus Driving Test' (ca 200 students)

Why DEWIS?

- It was not easy to make the decision ...
- Robust and secure system
- *Lossless data collection*: The data for every assessment attempt is recorded and stored on the DEWIS server
- Rhys and the DEWIS team at the UWE very helpful and responsive

How did it go?

- Smooth 😊

Other Projects and Further Plans

- first year engineering self-paced modules - class test (ca. 700 students)
- second year engineering maths modules
- Introduction into Probability and Statistics - first year maths module (this coming academic year)
- final exams ??

References

- <http://dewisprod.uwe.ac.uk/cgi-bin/welcome/index.cgi>

Thanks!
Questions/Comments

