

Improving Student Performance with Web-based Learning and Assessment

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Restructuring First-Year Mathematics

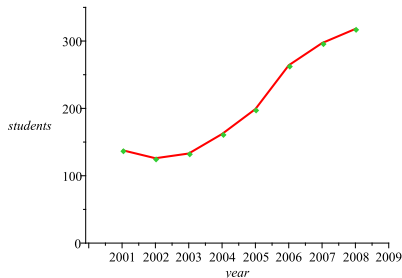
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- poor retention of learning outcomes
- rapid increase of student numbers



- stable graduate student numbers: stretching of resources

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Similar products: Maple T.A., WileyPLUS with Webassign, ...

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- Unassessed exercise problems in *homework mode* are a prerequisite for access to assessed coursework in *quiz mode*.
- Multiple coursework submissions are allowed, but only the final submission counts.

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Improvement across module boundaries

- e.g. “Essential Mathematics” achieved record pass-rates!

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At QMUL

- MyMathLab is now firmly integrated into Calculus I/II
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Abroad

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- Interest from Maths Education Groups in the US
 - Colloquium presentation at the University of Maine:

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Publisher uses QMUL implementation for advertising in Europe and Australia