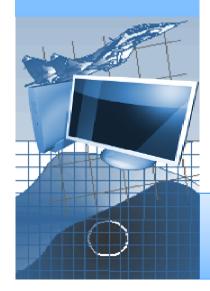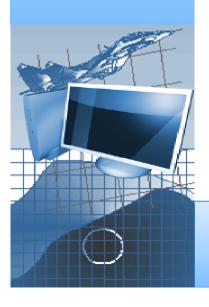# Computer Assisted Marking
Using Excel

Callum Tooth

Programme Leader

Civil Engineering

University of the West of Scotland
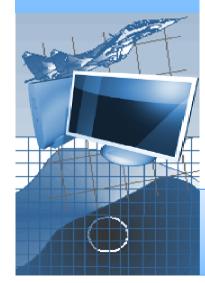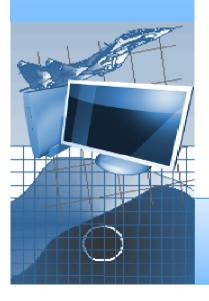
Computer Assisted Marking

Introduction

- Speed up marking process

- Numerically based

- Unique data for each student

- Answers generated using Excel

- Computer assisted marking – Excel

- Structural Engineering Courseworks

- Method could be applied widely

Computer Assisted Marking

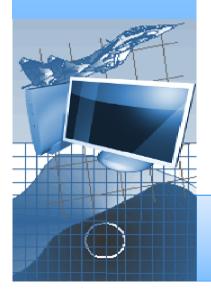- Design of a steel beam
- 2nd Year students
- Example in Excel

Computer Assisted Marking

Conclusions

Advantages

- Time saved in marking

- Improved feedback

- Encourages accuracy

- Guided approach to problem

- Increased confidence

- Manual correction possible
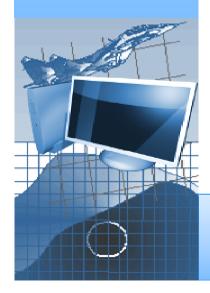
ENGINEERING for life

Computer Assisted Marking

Disadvantages

- Guided approach to problem
- Development time

Further Development

- Increased automation possible

Computer Assisted Marking

Acknowledgements

- Drummond Wilson
- Joe Heffernan
- French 'Stage' students, Naomi Eidelman, Celine Maniez
- Other colleagues at UWS

Computer Assisted Marking

- More detail available
- Email contact:

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