

Coursework Feedback Formats 2014-15

Module	Coursework Type	Feedback Format
First Year Modules		
MA104 - Calculus	5 Maple TA assignments	Feedback from assessed Maple TA assignments in the form of instant grades and often worked solutions or at least hints specific to particular questions. This feedback is individual student specific as practically all assignment instantiations will differ.
		Workshop classes with module leader or experienced GTA.
	Test	Formative tests contain questions similar to the end of term test.
MA105 - Applied Mathematics	5 lab reports submitted by groups of 3 students	Example report distributed shows best practise from last year. Each group meets with the lecturer to discuss their report and direct feedback is given to each student.
		There are 5 classes in which direct feedback on problem solving is provided by the lecturer to individuals.
MA108 - Stastics I	4 homework submissions	Solutions with detailed comments are uploaded to Moodle and will be explained in class seminars.
	Test	Formative tests contain questions similar to the end of term test.
MA114 - Linear Mathematics	8 Maple TA assignments	Feedback from assessed Maple TA assignments in the form of instant grades and often worked solutions or at least hints specific to particular questions. This feedback is individual student specific as practically all assignment instantiations will differ.
		Workshop classes with module leader or experienced GTA.
	Test	Formative tests contain questions similar to the end of term test.
MA118 - Further Calculus	5 homework assignments	Feedback from assessed Maple TA assignments in the form of instant grades and often worked solutions or at least hints specific to particular questions. This feedback is individual student specific as practically all assignment instantiations will differ.
		Workshop classes with module leader or experienced GTA.

Module	Coursework Type	Feedback Format
MA122 - Introduction to Computing	4 formative Maple TA homeworks	This is instantly graded for the students. Again the lecturer checks the submissions and adds feedback as appropriate. Additional individual feedback available upon request in weekly labs.
	1 formative MATLAB homework	Individual written feedback supplied to each student. Class level feedback is also given during our weekly feedback classes. Additional individual feedback available upon request in weekly labs.
	2 formative programming (Maple TA and MATLAB) homeworks	Individual written feedback supplied to each group. Class level feedback is also given during our weekly feedback classes. Additional individual feedback available upon request in weekly labs.
	1 summative Maple coursework	Individual written feedback supplied to each student. Class level feedback is also given during our weekly feedback classes. Additional individual feedback available upon request in weekly labs.
	Programming summative coursework	Individual written feedback supplied to each student. Class level feedback is also given during our weekly feedback classes. Additional individual feedback available upon request in weekly labs.
	Test	Preemptive feedback: formative questions similar to the end of term test discussed in feedback classes.
MA123 - Life, the Universe & Everything: The Principles of Modern Science	2 multiple choice tests	Preemptive feedback: formative tests contain questions similar to the end-of-term test.
		There are 10 classes in which direct feedback on problems on the lecture material is provided by the lecturer.
	Two 3,000 word essays	Written feedback is given to each student
MA125 - Mathematical Skills	10 weekly problem sheets	Each sheet is marked and returned at fortnightly intervals, coinciding with the class for that purpose. Full solutions together with additional commentary is posted on Moodle after each class.
MA126 - Financial Mathematics	5 formative assignments	Brief written feedback based on the marking scheme.
	Test	Brief written feedback based on the marking scheme.
MA181 - Discrete Mathematics	9 weekly summative homeworks	Individual written feedback given to each submission. Group level feedback is given during weekly feedback classes.
	Test	Preemptive feedback: formative questions similar to the end of term test discussed in lectures/feedback classes.

Module	Coursework Type	Feedback Format
MA199-4 - Mathematics Careers & Employability	Personal information & reflection on goals	Feedback is given through direct contact and discussion with Personal Tutors (or with the Module Supervisor if requested).
	Career genealogy assignment	
	Maths careers seminars	
	Key skills day	

Module	Coursework Type	Feedback Format
Second Year Modules		
MA199-5 - Mathematics Careers & Employability	Reflection on goals and planning	Feedback is given through direct contact and discussion with Personal Tutors (or with the Module Supervisor if requested).
	Writing a CV	
	Numeracy and literacy tests	
	Maths careers seminars	
	Maths careers options	
MA201 - Linear Algebra	Multiple choice test	Preemptive feedback: formative tests contain questions similar to the end-of-term test.
	Formative tests	The computer-based tests are automatically marked with the marks displayed to the students, and the students may take and retake them as and when needed.
	2 essays	Preemptive feedback: two essay-type homework assignments precede essays; also, for each essay, brief written feedback based on the marking scheme is provided.
	5 homework submissions	Short feedback meetings with the lecturer are organised to discuss each homework submission.
MA203 - Analysis	Multiple choice test	Preemptive feedback: formative tests contain questions similar to the end-of-term test.
	1 essay	Preemptive feedback: essay-type homework assignments precede essays; also, brief written feedback based on the marking scheme is provided.
	5 homework submissions	Short feedback meetings with the lecturer are organised to discuss each homework submission.
MA205 - Optimisation (Linear Programming)	4 homework submissions	Short feedback meetings with the lecturer are organised to discuss each homework submission.
		Mark and comments.
MA206 - Mathematical Methods	Test	Formative tests contain questions similar to the end of term test. Comments are given on the scripts.
MA207 - Statistics II	4 homework submissions	Model solutions with detailed comments are uploaded to Moodle. Lecturer explains solutions in classes.
	Group project	Brief written feedback on the report and short meeting with groups. Discussion and feedback of the project by the lecturer and fellow students at the end each project presentations.

Module	Coursework Type	Feedback Format
MA209 - Introduction to Numerical Methods	5 homework submissions	Comments are given on marked homework.
		10 laboratory sessions: interactive sessions where students may discuss their tasks with the lecturer and/or fellow students.
MA210 - Vector Calculus	5 problem sheets	There are two problem class groups. At each fortnightly class a GTA is present as well as the lecturer. In these classes the students are assisted as necessary in doing the problems but also some comments on students' solutions are given by the lecturer in these classes. Full model solutions are posted on Moodle.
	Short weekly quiz	Students are e-mailed a short weekly quiz, the answers to which are in the lecture notes that are loaded onto Moodle.
MA211 - Finance & Financial Reporting	5 formative homework submissions	Model solutions with detailed comments are uploaded to Moodle. Lecturer explains solutions in classes. Written feedback: submitted solutions are marked.
	2 tests	Model solutions with detailed comments are uploaded to Moodle. Lecturer explains solutions in classes. Written feedback: submitted solutions are marked.
MA212 - Contingencies I	5 tests	Marked scripts returned to students. Difficult questions worked through in class with students given the opportunity to ask questions. Model solutions also provided.
MA216 - Survival Analysis	4 homework submissions	Model solutions with detailed comments are uploaded to Moodle. Lecturer explains solutions in classes.
	Group project	Brief written feedback on the report and short meeting with groups. Discussion and feedback of the project by the lecturer and fellow students at the end each project presentations.
MA224 - The Laws of Physics	Multiple choice test	Preemptive feedback: formative tests contain questions similar to the end-of-term test.
		There are 5 classes in which direct feedback on problems on the lecture material is provided by the lecturer.
	1 essay	Written feedback is given to each student.

Module	Coursework Type	Feedback Format
Final Year Modules		
MA199-6 - Mathematics Careers & Employability	Reflection on Goals and Planning	Feedback is given through direct contact and discussion with Personal Tutors (or with the Module Supervisor if required).
	Job Application	
	Record of Skills Development	
	Experience of the world of work	
MA302 - Complex Variables & Applications	2 tests	The lecturer uploads a copy of the test paper and the solutions to Moodle after the test has been taken and students have the opportunity to meet with the lecturer to discuss any questions they have.
	5 formative problem sheets	In class discussions about solutions and general feedback.
MA303 - Ordinary Differential Equations	2 tests	The lecturer uploads a copy of the test paper and the solutions to Moodle after the test has been taken and students have the opportunity to meet with the lecturer to discuss any questions they have.
	5 formative problem sheets	In class discussions about solutions and general feedback.
MA305 - Nonlinear Programming	2 lab assignments	Codes are well prepared and given to students during lab session, they are asked to implement them to solve some exercises and write a report to summarise their observations; brief written feedback will be provided.
	4 homework submissions	1 hour classes for each assignment taught by the lecturer to go through the full solution to all questions.
MA306 - Combinatorial Optimisation	5 homework submissions	Brief written feedback will be provided; 1 hour classes for each assignment taught by the lecturer to go through the full solution to all questions; additional exercise questions will be handed out together with homeworks, which are to be discussed during classes as well. Students are supposed to have tried all exercise questions before attending classes.
MA311 - Mathematics of Portfolios	5 formative assignments	Discussion/feedback during 1 hour class/lab session.
	Formative test	Brief written feedback based on the marking scheme.
MA314 - Graph Theory		Verbal feedback: initial attempts at solutions are discussed with GTA in the classes. Written feedback: submitted solutions are marked. Printed responses: model solutions are then provided. Whole group feedback: commonly occurring problems are highlighted to students in classes where model solutions are presented and in lectures and revision lectures.
	Test	One to one feedback on the test will be available.

Module	Coursework Type	Feedback Format
MA315 - Cryptography & Codes	5 homework submissions	Verbal feedback: initial attempts at solutions are discussed with Lecturer and GTA in the classes. Written feedback: submitted solutions are marked. Printed responses: model solutions are then provided. Whole group feedback: commonly occurring problems are highlighted to students in lectures.
MA317 - Modelling Experimental Design	4 problem sheets	The problem sets will be marked and model solutions will be provided.
	Group project report and presentation	The group project and oral presentation will be marked and further brief written feedback will be provided.
MA318 - Statistical Methods	4 homework submissions	Solutions with detailed comments are uploaded to Moodle and will be explained in class seminars.
	Test	Brief written feedback based on the marking scheme.
MA319 - Stochastic Processes	4 problem sheets	Model solutions with detailed comments are uploaded to Moodle. Lecturer explains solutions in classes. Written feedback: submitted solutions are marked.
	Test	Model solutions with detailed comments are uploaded to Moodle. Lecturer explains solutions in classes. Written feedback: submitted solutions are marked.
MA320 - Financial Derivatives	5 formative homework submissions	Individual written feedback provided on submitted work.
	Test	Solutions worked through in class with students given the opportunity to ask questions.
MA321 - Applied Statistics	4 problem sheets	The problem sets will be marked and model solutions will be provided.
	Group project report and presentation	The group project and oral presentation will be marked and further brief written feedback will be provided.
MA322 - Bayesian Computational Statistics	4 homework submissions	Solutions with detailed comments are uploaded to Moodle and will be explained in class seminars.
	R project	Individual written feedback given to each submission.
MA323 - Partial Differential Equations	2 tests	The lecturer uploads a copy of the test paper and the solutions to Moodle after the test has been taken and students have the opportunity to meet with the lecturer to discuss any questions they have.
	5 formative problem sheets	In class discussions about solutions and general feedback.

Module	Coursework Type	Feedback Format
MA333 - Mathematical Biology	4 formative problem sheets	Problems are discussed in the class on a group and 1-to-1 basis (if requested); full model solutions are provided; individual-specific written feedback on submitted work.
	Critical essay (assessed)	Full written feedback given on essay.

Module	Coursework Type	Feedback Format
Postgraduate Taught Modules		
MA303 - Ordinary Differential Equations	2 tests	The lecturer uploads a copy of the test paper and the solutions to Moodle after the test has been taken and students have the opportunity to meet with the lecturer to discuss any questions they have.
	5 formative problem sheets	In class discussions about solutions and general feedback.
MA305 - Nonlinear Programming	Test	Marks; past exam papers are provided to students and solutions can be demonstrated during the summer term; also if asked, some parts of the lecture can be revised as well.
	2 lab assignments	Codes are well prepared and given to students during lab session, they are asked to implement them to solve some exercises and write a report to summarise their observations; brief written feedback will be provided.
	4 homework submissions	1 hour classes for each assignment taught by the lecturer to go through the full solution to all questions.
MA306 - Combinatorial Optimisation	5 homework submissions	Brief written feedback will be provided; 1 hour classes for each assignment taught by the lecturer to go through the full solution to all questions; additional exercise questions will be handed out together with homeworks, which are to be discussed during classes as well. Students are supposed to have tried all exercise questions before attending classes.
MA311 - Mathematics of Portfolios	5 formative assignments	Discussion/feedback during 1 hour class/lab session.
	Formative test	Brief written feedback based on the marking scheme.
MA314 - Graph Theory		Verbal feedback: initial attempts at solutions are discussed with GTA in the classes. Written feedback: submitted solutions are marked. Printed responses: model solutions are then provided. Whole group feedback: commonly occurring problems are highlighted to students in classes where model solutions are presented and in lectures and revision lectures.
	Test	One to one feedback on the test will be available.
	Project	Individual feedback written on each project and the opportunity for one-to-one feedback meetings offered to each student.

Module	Coursework Type	Feedback Format
MA315 - Cryptography & Codes	5 homework submissions	Verbal feedback: initial attempts at solutions are discussed with Lecturer and GTA in the classes. Written feedback: submitted solutions are marked. Printed responses: model solutions are then provided. Whole group feedback: commonly occurring problems are highlighted to students in lectures.
MA317 - Modelling Experimental Design	5 problem sheets	The problem sets will be marked and model solutions will be provided.
MA318 - Statistical Methods	4 homework submissions	Solutions with detailed comments are uploaded to Moodle and will be explained in class seminars.
	Test	Brief written feedback based on the marking scheme.
MA319 - Stochastic Processes	4 problem sheets	Model solutions with detailed comments are uploaded to Moodle. Lecturer explains solutions in classes. Written feedback: submitted solutions are marked.
	Test	Model solutions with detailed comments are uploaded to Moodle. Lecturer explains solutions in classes. Written feedback: submitted solutions are marked.
MA320 - Financial Derivatives	5 formative homeworks submissions	Individual written feedback provided on submitted work.
	Test	Solutions worked through in class with students given the opportunity to ask questions.
MA321 - Applied Statistics	4 problem sheets	The problem sets will be marked and model solutions will be provided.
	Group project report and presentation	The group project and oral presentation will be marked and further brief written feedback will be provided.
MA322 - Bayesian Computational Statistics	4 homework submissions	Solutions with detailed comments are uploaded to Moodle and will be explained in class seminars.
	R project	Individual written feedback given to each submission.
MA323 - Partial Differential Equations	2 tests	The lecturer uploads a copy of the test paper and the solutions to Moodle after the test has been taken and students have the opportunity to meet with the lecturer to discuss any questions they have.
	5 formative problem sheets	In class discussions about solutions and general feedback.
MA902 - Research Methods	Project essay including presentation	Verbal feedback from Supervisor and second marker.
	Short Report	Individual written feedback provided.