

PMath 441/641 – Spring 2024
Algebraic Number Theory

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Office hours: Tuesday 1:30-3:30
Wednesday 1:30-2:30

The marking scheme for the course will be as follows. Note however that the marks may be adjusted at the end of term, so that final marks may be higher than the total of the raw scores. Marks will never be adjusted lower.

	PMATH 441	PMATH 641
Homework	25%	25%
Quizzes	45%	45%
Final Exam	30%	20%
Presentation	n/a	10%

There is no textbook for the course, but there is a detailed set of course notes available on the course web site and the LEARN site. For details on what topics will be covered, please see the detailed course outline.

Quizzes are 10 minutes long, and take place at the beginning of almost every Friday lecture – see the detailed course outline for details. All quizzes, and the final exam, are open book. This means that you may consult any written materials during the exam or quizzes, including your notes, the textbook, other books you may find helpful, or anything else that is written. **Electronic devices of any kind are forbidden**, however, so if you want to consult your electronic files during a quiz or the exam, please print them out. Also, please do not share written materials with other students during a quiz or exam – bring your own stuff.

Students in PMATH 641 are required to give a twenty minute presentation in class at some point during the term, in addition to satisfying all the requirements of PMATH 441. The PMATH 641 grading scheme is not available to students in PMATH 441, nor is the grading scheme for PMATH 441 available to students in PMATH 641.

There will be no makeup quizzes, and late homework will not be accepted. If you know in advance that you will miss a quiz, or be unable to complete an assignment on time, please come see me beforehand. If you talk to me after the fact, I'll be forced to give you a zero unless it was an unforeseeable emergency that kept you away.

Homework assignments will be distributed at least a week in advance.

The course web site is at:

<https://uwaterloo.ca/scholar/dmckinno/teaching>

where assignments, solutions, and other information will be posted from time to time. There is also a LEARN site for this course.

Academic Integrity: In order to maintain a culture of academic integrity, members of the University of Waterloo community are expected to promote honesty, trust, fairness, respect and responsibility.

[Check www.uwaterloo.ca/academicintegrity/ for more information.]

Grievance: A student who believes that a decision affecting some aspect of his or her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read Policy 70, Student Petitions and Grievances, Section 4, www.adm.uwaterloo.ca/infosec/Policies/po. When in doubt please be certain to contact the department's administrative assistant who will provide further assistance.

Discipline: A student is expected to know what constitutes academic integrity [check www.uwaterloo.ca/academicintegrity/] to avoid committing an academic offence, and to take responsibility for his/her actions. A student who is unsure whether an action constitutes an offence, or who needs help in learning how to avoid offences (e.g., plagiarism, cheating) or about "rules" for group work/collaboration should seek guidance from the course instructor, academic advisor, or the undergraduate Associate Dean. For information on categories of offences and types of penalties, students should refer to Policy 71, Student Discipline,

www.adm.uwaterloo.ca/infosec/Policies/policy71.htm. For typical penalties check Guidelines for the Assessment of Penalties,

www.adm.uwaterloo.ca/infosec/guidelines/penaltyguidelines.htm.

Appeals: A decision made or penalty imposed under Policy 70 (Student Petitions and Grievances) (other than a petition) or Policy 71 (Student Discipline) may be appealed if there is a ground. A student who believes he/she has a ground for an appeal should refer to Policy 72 (Student Appeals) www.adm.uwaterloo.ca/infosec/Policies/policy72.htm.

Note for Students with Disabilities: The Office for persons with Disabilities (OPD), located in Needles Hall, Room 1132, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with the OPD at the beginning of each academic term.