Math 5020: Introduction to Commutative Algebra
Sarah Glaz

Schedule of Presentations and Reports

The day of your presentation hand in a typed report on the material you will be presenting. The report should have the proofs, examples, etc. in more details than in the book or than presented by you in class. You are encouraged to enhance your report and presentation with additional material from the textbook (i.e. from the exercises of your section) and with material from other books or articles. If you do, please, cite references. Aim for a presentation of 60 to 75 minutes long. (*Note that we will cover up to and including Chapter 6 before you start your presentations.*)

Date	Presenter	Topic	Source
Thursday November 1	Sandi Xhumari	Noetherian Rings	Atiyah& MacDonald, Ch 7, page 80-82 (end with Corollary 7.10)
Tuesday November 6	Tze-Chun Ou	Primary Decomposition in Noetherian Rings	Atiyah& MacDonald, Ch 7, page 82-84
Thursday November 8	Ryan Pellico	Artin Rings	Atiyah& MacDonald, Ch 8, page 89-91
Tuesday November 13	Mike Joseph	Discrete Valuation Rings	Atiyah& MacDonald, Ch 9, page 93-95
Thursday November 15	Mingfeng Zhao	Dedekind Domains	Atiyah& MacDonald, Ch 9, page 95-98
Thanksgiving Break			
Tuesday November 27	Catherine Maloney	Completions I (Topologies and Completions)	Atiyah& MacDonald, Ch 10, page 101-105 (end at Filtrations)
Thursday November 29	Jared Daniels	Completions II (Filtrations, Graded Rings and Modules)	Atiyah& MacDonald, Ch 10, page 105-109 (end with Proposition 10.16)
Tuesday December 4	Pat Schooley	Completion III (Graded Rings and Modules, the Associated Graded Ring)	Atiyah& MacDonald, Ch 10, page 110-113 (start with Theorem 10.17)