

**History of Mathematics (Math 4123)**  
**Final Study Guide**  
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**Paul L. Bailey**

**Advice for the Final**

- (a) Start at the beginning of the book and review all of the material; this will be used in a multiple choice section of the test.
- (b) Skim the notes on power series, complex numbers, and fields; this will be used in the open response section of the test.
- (c) Know the main examples of Taylor series presented in the notes.
- (d) Know the main results regarding the constructibility of complex points and its relationship to the theory of field extensions.