

Periodic Table

CHEM 2261, Spring 2016

TR 10:30am – 11:50am

INSTRUCTOR: Dr. Skye Fortier
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OFFICE HOURS: Wednesday and Friday 9:00am – 10:00am and by appointment

TEXTBOOK: The Periodic Table – A Classification of Elements and their Compounds, Pannell & Haiduc

SUPPLEMENTAL TEXTS: The following texts are useful references and, from time to time, may be used to supplement class discussion. These texts need not be purchased.

Greenwood and Earnshaw, Chemistry of the Elements
DeKock & Gray, Chemical Structure and Bonding
Shriver & Weller, et al., Inorganic Chemistry
House, Inorganic Chemistry

Additional literature material will also be provided for review and discussion.

GRADING:

Midterm Exam 30%

Comprehensive Final Exam 70%

*The final examination may include an oral component

CLASS TOPICS: This course provides an introduction to the periodic table and its organization while providing a survey of the bonding and chemistry of its elements.

Topics and their order of discussion are subject to change, but are likely to include:

- Atomic Properties and Periodic Trends
- Bonding
- Molecular Shapes and Size
- Atomic Groups and their Representative Chemistry

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