

## **Periodic Table**

CHEM 2261, Spring 2017

TR 10:30am – 11:50am

LART 222

INSTRUCTOR: Dr. Skye Fortier  
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OFFICE HOURS: Wednesday 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 worth 20% of the exam grade

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. This is a conceptually based course that requires little memorization of facts but necessitates critical thinking skills.

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

\*Students are expected to know how to draw Lewis dot structures and must be familiar with VSEPR theory

COURSE DROP DEADLINE: March 30, 2017

CLASS ABSENCE: Attendance is not taken, but it is ill advised to voluntarily miss a lecture. If you have to miss class, please get together with a classmate to catch up on any notes or material that you may have missed. Once you have had an opportunity to review the notes, it would be my pleasure to revisit the material during office hours if you have any questions. However, if you miss a class, I will not repeat the lecture or provide a copy of the class notes.

Class lectures cannot be filmed unless I give explicit written consent in advance. Permission will only be granted in extraordinary circumstances.

MISSING AN EXAM: If you miss an exam, a valid and documented excuse must be provided (e.g. medical emergency, school field trip or conference attendance, court appearance). It is your responsibility to contact me to schedule time for a re-take. If you do not contact me to make arrangements within 1 week of the original exam date, a failing grade of 0 will be automatically assigned.

COURSE GRADE: Your grade in the course is based exclusively on your performance on the Midterm and Comprehensive Final Examinations. No additional work will be assigned for extra credit.

SPECIAL ACCOMODATIONS: If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to [cass@utep.edu](mailto:cass@utep.edu), or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at [www.sa.utep.edu/cass](http://www.sa.utep.edu/cass). *CASS' Staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.*