

Multi-State Advanced Manufacturing Consortium

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US DOL SPONSORED TAACCCT GRANT: TC23767
PRIMARY DEVELOPER: Jim Blair – Henry Ford College

Solid State Electronics – Unit 1: Atomic Structure Study Guide

Review the course structure.

2. Study the diagram of the atomic structure found in MR Topic Unit 1.

3. Watch: https://www.youtube.com/watch?v=IP57gEWcisY

Title: Basic Atomic Structure

Author: mtchemers

4. Watch: https://www.youtube.com/watch?v=t-f8bB1kf6M

Title: Khan Academy Organic Chemistry

Author: The Periodic Table - Classification of Elements

5. Watch: https://www.youtube.com/watch?v=akm5H2Jsccl

Title: The Periodic Table - Valence Electrons **Author**: Khan Academy Organic Chemistry

6. Watch: https://www.youtube.com/watch?v=wh2Eo83skwl

Title: Valency Physical Science **Author**: mufamadi ndivhudza

7. **Watch**: https://www.youtube.com/watch?v=x1gdfkvkPTk

Title: Finding the Number of Valence Electrons for an Element

Author: Wayne Breslyn

8. Watch: https://www.youtube.com/watch?v=ZVlbx3Az8Bg

Title: Electron Arrangement in an Atom

Author: Alex Tah

9. Watch: https://www.youtube.com/watch?v=PnTFQwVSVxk

Title: How to Draw Bohr-Rutherford Diagrams - Germanium (Advanced)

Author: chemistNATE

10. Watch: https://www.youtube.com/watch?v=1wpDicW MQQ

Title: Covalent Bond **Author**: ppornelubio

11. Watch: https://www.youtube.com/watch?v=j1e-f1W-0UA

Title: Covalent Bond.avi **Author**: Salvatore Lombardo







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