

CHEM 303: Periodic Table Survey

CHEMISTRY OF TRANSITION ELEMENTS

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Course Description/Content

- **General properties of transition metals.**
- **General group trends with special reference to electronic configuration, colour, variable valency, magnetic and catalytic properties, ability to form complexes.**
- **Stability of various oxidation states.**
- **Difference between the first, second and third transition series.**
- **Chemistry of V, Cr, Mn, Fe and Co in various**

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