

Prerequisite: Beginning Algebra

Class Description:

This course builds on previously learned algebraic and geometric concepts. It involves a study of systems of equations, advanced polynomials, imaginary and complex numbers, inequalities, and non-linear graphing. Topics will be explored through mini-lectures, short exercises, and realistic problems. Extra work will be available for those students who need it for mastery, or for those who just like solving problems. Internet access and printing capabilities are required.

Texts and Supplies

Life of Fred: Advanced Algebra (Expanded Edition). Stanley F. Schmidt. **ISBN: 978-1-937032-13-5**. Please follow the link to [Amazon](#), to ensure you purchase the correct text.

Required: [TI-30X II S calculator](#), (Can be purchased at [Amazon](#)), 5 subject spiral notebook, one two-pocket file folder, pencil, colored pens, internet access, printing capabilities.