

# WESTERN ILLINOIS UNIVERSITY



## **MATH 406(G)** **Problem Solving and the History** **of Mathematics (ONLINE COURSE)**

### **Learn an Interdisciplinary Approach to Teaching Mathematics!**

Various problems, their solutions, related mathematical concepts and their historical significance are analyzed through investigation of classic problems and their connection to middle school mathematics. Contributions by Archimedes, Descartes, Eratosthenes, Euler, Gauss, Pascal, Pythagoras and others are studied.

This is a math course, but also a “math across the curriculum” course. In this course we will be reading, writing, doing math, and solving problems. While it is not a teaching methods course, it is a mathematics education course that is particularly useful for middle school teachers who want to integrate reading, social studies, writing and math.

**FALL SEMESTER 2015**

**- ONLINE -**

STARS # 16341

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