

MTH 107 : SPECIAL TOPICS: MATHEMATICS OF THE LIBERAL ARTS

Increased use of technology and the consequential rise of a data-driven society has changed the landscape of today's society and workforce. However, it is not only quantitative experts who are needed to fill positions, but also quantitatively comfortable humanists. There is a great and growing need for college graduates both trained in the liberal arts and having the ability to remark intelligently on quantitative issues. This requires mathematics to serve not only the sciences, but also disciplines within the humanities and arts. This course will cover fundamental mathematical skills similar to those typically taught in finite mathematics or college algebra courses, but will place special emphasis on a wide range of applications.

These application categories divide the course into four units:

1. Mathematics in Technology & Analytics
2. Mathematics in the Social Sciences
3. Mathematics in Economics & Finance
4. Mathematics in Art

GEP credit. Can replace MTH 108 requirement.

Credits: 3

Program: Mathematics