



## CURRICULUM GUIDE 2014-2015

### MATHEMATICS: APPLIED

Certificate of Accomplishment in Mathematics: Applied

#### Requirements for Certificate of Accomplishment:

- a) Complete satisfactorily the courses listed for the particular certificate.
- b) Complete at least 50% of the required units at Ohlone College.
- c) Maintain a 2.0 grade point average.

#### MATHEMATICS: APPLIED

The certificate in Applied Math provides students with the mathematical background required to succeed in subsequent courses in math, physics, and engineering.

By earning this certificate students have demonstrated that they possess the mathematical skills that are necessary to begin upper division coursework in applied mathematics.

#### Student Learning Outcomes

1. Learn the foundation mathematics necessary for further studies in engineering, mathematics, and science.
2. Demonstrate proficiency at problem solving techniques.
3. Apply their knowledge of problem solving techniques towards the solution of problems in engineering and science.

MATH-101C	Calculus with Analytic Geometry	5
MATH-104	Differential Equations	5
PHYS-140	Mechanics	<u>4</u>
		14