

Course Number

MTH-130-02

Course Description

Topics include first and second-order differential equations and first-order systems, including analytic, geometric, and numerical techniques, classification of first-order linear systems by eigenvalues, forcing and resonance, and the Laplace transform. Applications include but are not limited to population models, RC circuits, and damped and undamped harmonic oscillators.

Academic Term

22/SP

Instructor

De Andrade Mariano, Phaniel

Location & Meeting Time

Bailey Hall-102+ M/W/F 11:45AM-12:50PM LEC

Credits

1.00

Capacity

26

Total Students

23

Academic Department

Mathematics

Field Of Study

Mathematics (MTH)