Mathematical tools

ECTS : 2

Volume horaire : 9

Description du contenu de l'enseignement :

Week 1: Derivatives and Bijection
Week 2: Convexity
Week 3: Antiderivatives
Week 4: Integration
Week 5: Integration by part
Week 6: Wrap up and past papers

Compétence à acquérir :

Learning Outcomes

On completion of this module, students will be able to:
work confidently with derivatives
work confidently with simple limits calculation
define a bijection
define an inverse function
work confidently with simple integration and integration by part

Course Objectives

The main purpose of this module is to give tools to students for other math modules (statistics, Optimisation, linear algebra, financial math, microeconomics…)

Mode de contrôle des connaissances :

Grading Criteria
Final exam:100%