

# 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%

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