

Using TI-Nspire for the financial education of future engineers

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For several years, and more precisely since September 2011, "L'École de technologie supérieure" (ÉTS) has chosen the TI-Nspire as the mandatory calculator for most, if not, all courses leading to an engineering degree.

One compulsory course in particular requires students to learn about the financial profitability of a project. The TI-Nspire offers all the basic financial functions from calculating the time value of money, depreciation of a loan, solving complex equations, graphic representations as well as programming functions for a quicker and easier access.

With its software, the lecturer can easily show examples while students can follow and do the problems directly on their handheld devices in the classroom.

There are many financial calculators available and mostly, Excel is widely used to present financial models. The TI-Nspire allows the user to solve most financial math situations on one device and hence become an unavoidable and powerful tool for the student.

This short presentation is an overview of the TI-Nspire's powerful use of financial math in the classroom.

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