1T1: Audio Signal Processing for Music Applications: Welcome

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What is this course about?

- Signal processing

- Audio/Music

- Programming

- Understanding/making sounds

Who is this course for?

- Anyone interested in understanding how to analyze and process musical sounds

  but ... able to:

  - Follow mathematical formulations

  - Use a programming language

  - Use sound processing software

Course organization

- Duration: 10 weeks

- Weekly content:
  - Theory lectures (~30min)
  - Programming lectures (~30min)
  - Demo lectures (~30min)
  - Advanced topics and references
  - Assignments (programming + Quiz)

Course evaluation

- Weekly quizzes (5 point each)

- Weekly assignments (10 points each)

- Pre- and Post- surveys (2 points each)

Open content !!

- Videos and slides released using the *CC Attribution-Noncommercial-Share Alike license*

- Software released using the *Affero GPL license*

- Most references from *Wikipedia.org*

- Sounds from *Freesound.org*

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