

SEMINAR PROGRAM

Instructor's Name: **Abdullah Topcu**

Title and Affiliation: **Associate Professor Doctor of**

Instructional Design, Educational Data Mining, Real Analysis

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Title of the Seminar: **Multimedia (multimedia design) for Mathematics**

Multimedia Design for Mathematics

ABDULLAH TOPCU

Assoc. Prof., Dean of NCO

Proposed Freshman & Sophomore

Seminar, Spring

Content

This seminar will present multimedia design for mathematics. In this respect;

- a. Multimedia learning
 - b. Spreadsheets
 - c. Geometer Sketchpad (GSP)
- will be explained and given examples for them.

Rationale:

Because students can be assumed to have some background knowledge of fundamental calculus, theories of the instruction and basic computer softwares (MS Words, Powerpoint, Geometer Sketchpad, Spreadsheets), the subjects lend itself readily to a freshman and sophomore seminar.

Primary reading:

Mayer E. R., eds., Multimedia Learning. (2009).

Requirements:

Students will be expected to have basic calculus, teaching and learning theories, MS Words, MS Powerpoint, MS Excell.