Course Description (Goals & Objectives):
A advanced course emphasizing the concepts of sound design for moving image including introduction to acoustics, techniques of sound recording, sound editing, sound mixing, and production concept of sound design.

Course Outline:

- **Week 1**
  - Introduction to sound design and acoustics theory – Periodic sound and aperiodic sound – Musical tone and noise – The components of sound: pitch, loudness, tone length, tone color – The phenomenon of sound propagation

- **Week 2**

- **Week 3**

- **Week 4**
  - Sound recording in the field – How to use boom microphone and portable sound
recorder – Dialogue and wild track recording in the field

● **Week  5**
Digital audio editing software 1: basic skills of sound editing tool (Pro tools) and utilizing of sound equipment – Pro tools session files – Edit window and mix window – Track types and function in Pro tools – Basic sound editing skills

● **Week  6**

● **Week  7**
Pre-production planning for film sound design – Description method of audio part on storyboard – Sound cue sheet – How to utilize sound effects library

● **Week  8**
Mid-Term Week

● **Week  9**
Sound editing: Pre-mix 1 – voice editing – Components of voices: dialogue, monologue, narration – Voice recording and editing concepts and techniques

● **Week  10**
Sound editing: Pre-mix 2 – sound effects editing – Components of sound effects: effects, ambience – Application and the role of ambient sound – Synchronization of sound effects with image

● **Week  11**
Sound editing: Pre-mix 3 – music editing – The kind of music for moving image –
The genre of music and effects – Music editing techniques with considering musical melody, rhythm, and musical form

- **Week 12**
  Loop-based music composition with audio samples – Concepts of loop music –
  Loop-based music composition with loop music software and loop audio samples –
  Learning about musical rhythm timbre, and form

- **Week 13**
  Final sound mixing – Sound channels definition: mono, stereo, surround – Dynamic characteristics of sound – Understanding panning – Switch between stereo and 5.1ch surround mixing

- **Week 14**
  Complete sound design for moving image – Technical supplement for sound design –
  Check with the appropriate sound monitoring depending on visual media personality

- **Week 15**
  Final Week

**Textbook(s):**
- Sonnenschein D. (2001), Sound design: The expressive power of music, voice, and sound effects in cinema
- Block B. (2008), The visual story: Creating the visual structure of film, TV, and digital media
- Lexmann J. (2006), Theory of film music
- Gorbman C. (1987), Unheard melodies: Narrative film music

**Class Website:**
e-Class

**Course Assignments & Grading:**
- Exams: Mid-term: 30% Final-term: 30%
- Class Attendance and Participation: 20%
- Etc: 20% S