**Spring 2025 Courses in Speech and Audio Processing**

Prof. Brian L. Evans, bevans@ece.utexas.edu

Here’s info about courses related to audio engineering, audio technologies, and speech processing being offered in the spring 2025 semester. In the BSECE degree, courses below can be applied to [Academic Enrichment/Free Electives](https://www.ece.utexas.edu/academics/undergraduate/ae).  They can also be applied to the other [eight technical cores](https://www.ece.utexas.edu/academics/undergraduate/techcore)unless they've been marked with \*\*.  To substitute any of the upper division courses given below into a technical core, you would only need to obtain the approval of one of the 90 ECE faculty members – see the first page of the [Technical Core Packet](https://utexas.app.box.com/s/m75ly671ces3z5mgjwpfyt3f5o8woj25) for more info.  *Departmental acronyms*: AET Arts & Entertainment Technologies; LIN Linguistics; and SLH Speech, Language and Hearing.

AET 321C Audio Processing

AET 323G Generative Audio Programming

AET 339 AI in Music and Sound

AET 339 DIY Synthesizers

AET 341C Virtual Instruments **not offered**

C S 378 Intro to Speech and Audio Processing **not offered**

EE 438 Fundamental of Electronic Circuits Lab - hardware lab and pre-req for EE 438K which designs audio amplifiers

EE 438K Analog Electronics -- hardware lab which includes designing audio amplifiers

LIN 315 Speech Science

LIN 344K Phonetics: Production/Perception of Speech Sounds

LIN 373N Machine Learning Toolbox Textual Analysis **not offered**

ME 379Q Musical Acoustics

MUS 319D Foundations in Music Technology \*\*

MUS 329E Intro to Electronic Media **not offered**

MUS 329G Intermediate Electronic Composition - in the past, students had to contact the instructor and request to be registered in the course (has pre-requisite of MUS 329E)

SLH 313L Hearing Science \*\*

SLH 113P Hearing Science: Lab \*\*

SLH 315S Speech Science \*\*

\*\* The courses may not qualify as electives for technical cores other than Academic Enrichment / Free Electives.

If you substitute any non-engineering courses as technical core electives, then you'll want to make sure that you have [enough engineering topic hours to satisfy ABET requirements](https://utexas.app.box.com/s/4364ggp7kj6ufk07eipai01oskpxnu2x).  Please check with the undergraduate advising office.  ABET is a national organization that accredits BS degrees in engineering and technology.