

ATCM4345 - Digital Audio Processing

[ATCM 4345](#) Digital Audio Processing (3 semester credit hours) This course presents and develops the theoretical and technical principles of digital audio processing and sound synthesis as well as hands-on applications and experiments. The course will present and use: spectral processors such as single and multi-band filters, dynamic processors (expanders, compressors, noise gate), complex dynamic spectral processors (noise reduction, cross synthesis). Prerequisite: [ATCM 3345](#). (0-3) R