

Course code	HMP030
Name of the course	Critical Listening (Helitehniline solfedžo)
Languages of instruction	Estonian and English study group
Specification	for micro degree and HP specialty BA level, elective for HM specialty BA level
Teaching staff	Mait Visnapuu
Responsible staff member	Mait Visnapuu

Graded or pass/fail examinations	pass/fail	pass/fail
Semester	autumn	spring
ECTS	2.00	2.00

Total ECTS	4 ECTS
Total amount	30 academic hours

Course aims

The aim of the subject is to develop analytical listening skills for evaluating and identifying sound attributes.

Learning outcomes

On completion of the subject, the student will:

1. know how to differentiate audio frequencies;
2. be able to distinguish, based on sound, between the acoustic parameters of audio recordings and spaces;
3. be able to correct sound files to attain the required result in terms of audio;
4. distinguish between different principles of modulation by ear;
5. identify the work parameters of sound processors by ear.

HMP030-1/2026

Semester content

Acoustics, knowledge of audio frequencies, identification of modulation effects, dynamic processes and delays by ear. Analysis and technical correction of sound recordings to obtain a required auditory result.

Semester assessment methods

Non-differentiated assessment of the student's ability to distinguish between different sound frequencies, spatial acoustic parameters, modulating principles and dynamic parameters. Correcting an assigned sound file to achieve a required result.

Semester assessment criteria

A positive assessment result is obtained by students who can differentiate the spectrum of sound frequencies by octaves, who know modulation effects and are able to analyse a sound recording and its technical realisation.

Semester reading material / repertoire

Glen Ballou "Handbook for Sound Engineers, Third Edition", Dave Moulton - Golden Ears Audio Training Program, F. Alton Everest "Critical Listening Skills fo Audio Professional"

Authors of the course description

Siim Mäesalu, Margo Kõlar, Mait Visnapuu

HMP030-2/2026

Semester content

Acoustics, knowledge of audio frequencies, identification of modulation effects, dynamic processes and delays by ear. Analysis and technical correction of sound recordings to obtain a required auditory result.

Semester assessment methods

Non-differentiated assessment of the student's ability to distinguish between different sound frequencies, spatial acoustic parameters, modulating principles and dynamic parameters. Correcting an assigned sound file to achieve a required result.

Semester assessment criteria

A positive assessment result is obtained by students who can differentiate the spectrum of sound frequencies by octaves, who know modulation effects and are able to analyse a sound recording and its technical realisation.

Semester reading material / repertoire

Glen Ballou "Handbook for Sound Engineers, Third Edition", Dave Moulton - Golden Ears Audio Training Program, F. Alton Everest "Critical Listening Skills fo Audio Professional"

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