

# PHYS A115: PHYSICS OF MUSIC

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Item	Value
Top Code	190200 - Physics, General
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)
Associate Science Local General Education (GE)	• OCC Physical/Biological Sci-AS (OSB)

## Course Description

Formerly: NS A115, Science and Technology in Music. An introduction to the physics that shapes our natural world through an investigation of the creation, transmission, and perception of sound and music. Fundamentals of oscillations, waves, forces, energy, and electromagnetism are explored through scientific inquiry of musical tones, harmony, timbre, acoustics, and acoustic and electronic instruments. ADVISORY: Successful completion of a course at the level of elementary algebra or higher. Transfer Credit: CSU; UC.

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## Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)