



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Music Synthesis I  
**Course Number:** IMT239

### Required Materials

**Textbook(s):** None  
**Required Readings:** None  
**Additional Materials:** Materials for taking notes, including a notebook and pencil. Students MUST bring headphones to every class (closed-ear, flat frequency response.) A flashdrive (at least 16GB) for saving work.

### Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	Introduction; Master and Class Syllabus; Basic Keyboard Competency Assessment
Week 2	Demonstration/Lecture: How to setup for MIDI/ Music Production
Week 3	Review of Quiz Coverage for Music Synthesis I Project#1 Specifications – Create Basic 16 Measure Drum Track using MIDI Protocol
Week 4	Music Synthesis I Project#1 continues
Week 5	Completion of Music Synthesis I Project#1 – Student Presentations Begin
Week 6	The components of a Synthesizer: Oscillators and Amplifiers Music Synthesis I Project#1 – Student Presentations Conclude
Week 7	The components of a Synthesizer - LFO Music Synthesis I Project#2 Specifications – Utilize Synthesis Techniques to Sound Design and create appropriate audio imagery
Week 8	Music Synthesis I Project#2 – concludes Student Presentations Begin with follow-up discussion for Music Synthesis I Project#2
Week 9	Music Synthesis I Project#2 – Student Presentations Conclude Review of Music Synthesis I Project#3 Specifications – Add Drum Tracks and other instrumentation to pre-existing composition
Week 10	Music Synthesis I Project#3 concludes
Week 11	Song Structures Student Presentations with follow-up discussion forums for Music Synthesis I Project#3 Song Structures Music Synthesis I Project#4 Specifications – Use a combination of the MIDI Protocol, Synthesis Techniques and Waveform Editing Techniques to create an original composition.
Week 12-14	Music Synthesis I Project#4 - Continues

Week	Chapter/Topic/Lab
Week 15-16	Student Presentations