

# MIDI APPLICATIONS, CERTIFICATE OF ACHIEVEMENT

Financial Aid Eligible

Banner Code: 1\_CN\_MIDI

Control Number: 22403

This program is designed for the musician or computer professional who wants a concentrated course of study in the field of computer music. Courses are designed to emphasize the practical application of MIDI (Musical Instrument Digital Interface).

## Program Outcomes

1. Create and perform musical compositions utilizing a standard scoring program.
2. Create musical compositions utilizing standard music production programs that demonstrate competency in the following techniques: looping, sequencing, editing, and virtual synthesis.
3. Demonstrate applications of studio recording techniques.

## Certificate Requirements

Orange Coast College offers two types of certificate awards in career programs designed to prepare the graduate to enter a particular field of employment. At least 3 units in an advanced course from the certificate must be completed at OCC.

1. **Certificate of Achievement** - 8 units or more in a state-approved program. Certificates of Achievement are not automatically awarded. A petition must be filed in Enrollment Services or online at the beginning of the semester in which the student will be completing his or her final requirements. The petitioning periods are listed in the Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/>) section of this catalog.
2. **Certificate of Specialization** - 16 units or less in a locally approved program. Certificates of Specialization are not automatically awarded, not printed on official academic transcripts, and there is no acknowledgment of completion given at graduation. Please contact the division for details regarding the submission of petitions as procedures for each division vary. Most division offices prefer that students complete all of the required courses and then provide a copy of the transcript while some divisions allow petitions for Certificates of Specialization before finishing.

### Minimum Grade Requirement

In order to be awarded a certificate, students are required to obtain a grade of "C" or better in all program-required courses. Grades of "CR" or "P" will be accepted whereas "CR" or "P" meets the equivalency of a "C" or better. A list of certificate programs can be found in the Programs A-Z (<https://catalog.cccd.edu/orange-coast/programs-study/>) section of this catalog. Check with a counselor to determine the requirements for completion.

Course	Title	Units
<b>Required Courses</b>		
CIS A100	Introduction to Computer Applications	3
MUS A110	Computers in Music 1	3

Course	Title	Units
MUS A111	Computers in Music 2	3
MUS A112	Computers in Music 3	3
MUS A113	Computers in Music 4	3
MUS A115	Fundamentals of Music	3
MUS A261	Recording Techniques 1	3
Restricted Electives (see list)		5
Total Units		26

## MIDI Applications Restricted Electives

Course	Title	Units
Select five units of the following:		
CS A150	C++ Programming Language 1	5
FILM A110	Film Production 1	
MUS A141	Piano 1	
MUS A142	Piano 2	
MUS A180	Theory 1	
MUS A181	Musicianship 1	
MUS A241	Piano 3	
MUS A242	Piano 4	
Total Units		5