

1. Realize the figured bass in four parts and analyze with roman numerals and chord symbols.

2. Analyze each pitch collection using the most appropriate system (key and roman numeral or Hanson and set type).

3. Compose a short piece using the following instructions:

a. Above the starting pitch "c," take your birthdate and convert it into a pitch collection by using the numbers as half steps above this starting pitch. You should end up with a 4, 5 or six note collection.

b. By tossing a pair of dice determine the length of the first melodic phrase of your piece. You will need to do this five more times to determine the length of all six phrases.

c. Again use the dice to determine the order of your melodic forms for each phrase. 1=original pitch set, 2=transposed (you will need to toss the dice again to determine the transposition level), 3=inverted, 4=transposed inverted, 5=retrograde, 6=transposed retrograde.

d. You may leave as much of the rhythmic/ durational parameter of the piece up to the performer. For example, you may write out all of the rhythms or you may indicate rhythms in with a proportional graphic system or you may wish to not indicate any rhythmic structure at all.

e. Add dynamics and articulation to taste.

f. Include performance instructions and include documentation on the process of the composition.