

## Music: Under the Hood

### Course Outline

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July 2017

### Course Structure

- The course is organized around 20 **modules**.
  - Musical examples from **Youtube** and Finale software.
  - Module content and schedule are **tentative**.
- Slides **posted** in advance of each class.
  - Slides include **links to audio files** for all musical examples.



### Course Structure

- We cover both “classical” and “popular” music.
  - “**Classical**” music from 18<sup>th</sup> to 20<sup>th</sup> centuries.
  - “**Popular**” music from **jazz** and **Great American Songbook**.
  - Brief **bios** of the composers.



### Modules

1. The composer's materials – *Session 1*
  - Rhythm, melody, harmony
  - Harmonics, intervals, chords, tuning, temperament
  - Keys, cadences
2. Musical form – *Session 2*
  - Musical form and key structure
  - Mozart's C major Sonata, 1<sup>st</sup> movement
3. 99% perspiration – *Session 2*
  - Chorale harmonization and J. S. Bach
  - Beethoven's *Pathétique Sonata*, Adagio Cantabile

### Modules

4. Bach fan writes pop songs – *Session 2*
  - Fats Waller's *Honeysuckle Rose*
5. Man from Mars – *Session 2*
  - George Gershwin's *Love is Here to Stay*
6. The composer's composer – *Session 3*
  - Emotion and intellect meet: J. S. Bach's *C-sharp Minor Fugue* from the *Well-Tempered Clavier*
  - Escaping the bounds of Earth: *F major Organ Prelude*, *E minor Organ Fugue*
  - Joy and celebration: *Brandenburg Concerto No. 3*, 3<sup>rd</sup> movement.

### Modules

7. A classic from Pittsburgh – *Session 3*
  - Erroll Garner's *Misty*
8. Mastery of form – *Session 4*
  - Mozart's *F major Piano Sonata*, Adagio (2<sup>nd</sup> mvmt)
  - *Symphony 21*, 1<sup>st</sup> movement
9. Mozartian perfection in jazz – *Session 4*
  - Ellington and Strayhorn's *Satin Doll*
10. Bach's profound influence – *Session 4*
  - Beethoven's *Moonlight Sonata*, 1<sup>st</sup> movement

### Modules

- 11. Master songwriter – *Session 4*
  - Harold Arlen's *Over the Rainbow, Stormy Weather*
- 12. Master of musical theater – *Session 4*
  - Jerome Kern's *All the Things You Are*
- 13. Genius for pure beauty – *Session 5*
  - Chopin's *F sharp major Prelude, E minor Etude*
- 15. Chopinesque sentiment in jazz – *Session 5*
  - Dave Brubeck's *Summer Song*
- 16. A deeply moving choral work – *Session 5*
  - Brahms' *German Requiem*

### Modules

- 17. Jazz as cool – *Session 6*
  - Paul Desmond's *Take Five*
- 18. New type of musical coherence – *Session 6*
  - Debussy's *Clair de Lune*
- 19. Unsung songwriter – *Session 6*
  - Jule Styne's *Five Minutes More*
- 20. Joy and celebration – *Session 6*
  - Janáček's *Sinfonietta, Fanfare and Finale*