

# GARAGEBAND: BEYOND THE BASICS

**Dr. C. Floyd Richmond**

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**TARLETON**  
**STATE UNIVERSITY**<sup>™</sup>  
Member of The Texas A&M University System

Ohio Music Educators Conference

Cleveland, Ohio

9:30pm, February 4, 2022

<https://floydrichmond.com/omea2022>

<https://www.tarleton.edu/finearts/music/>

# TARLETON STATE UNIVERSITY

- Texas A&M University
- System Founding Member



# TARLETON STATE UNIVERSITY

- Dr. James Hurley, President
- John Tarleton, Founder



# TARLETON STATE UNIVERSITY

- Concert Ensembles



# TARLETON STATE UNIVERSITY

- Bachelor of Arts
  - General Music
  - Music Business
  - Jazz
  - Musical Theater
- Bachelor of Music
  - Music Education
  - Performance
- Masters of Music Education



# TARLETON STATE UNIVERSITY

- Masters of Music Education
  - Entirely online
  - Work at your Convenience
  - 8-week Classes
  - Starting in March
    - Technology in the Music Classroom
    - Research



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# GARAGEBAND: BEYOND THE BASICS

## Learning Music With GarageBand on the iPad

- Over Forty Lesson Plans with Resources
- Detailed Pictures



# GARAGEBAND: BEYOND THE BASICS

- At the Beach
- Doo Wop Triplets
- Doo Wop Guitar
- Feelin' Great
- Better Now
- Something in My Eye
- Like a Ballerina
- I Just Want to Dance
- Hip Hop Dance
- American Techno
- Old Gray Goose
- Sakura
- Cuban Song
- La Bamba
- Dueling Yankee Doodle
- Country Dogs
- Darlin't It's Too Cold
- Clap Your Hands
- Celebration



# WHY USE GARAGEBAND?

- Simple interface
- Hidden power
- Integrates well with other iApps (iMovie, iTunes, etc.)
- Free (for Mac or iOS users – no Windows or Android Version)



# GARAGEBAND'S BASIC FEATURES

- Looping – comparatively powerful!
- Recording
  - MIDI
  - Audio
- Editing (Copy, Paste, Reverb, EQ, Compression)



# LOOPING

- Strong search options
  - Use consistent or compatible styles
- Add melodies
- Edit MIDI loops to match chords
- Cut and combine pieces from audio loops for use



# CHORDS

- Edit MIDI loops to match chords
- Use GarageBand for iOS to enter chords using touch screen



# GARAGEBAND'S BASIC FEATURES

- Recording
  - MIDI
  - Audio



# RECORDING

- Basic: One Pass Recording
- Advanced; Multi-Track Recording



# MAKING GARAGEBAND MORE POWERFUL

- Add a professional microphone
- Add an audio interface
- Add a MIDI keyboard



# EFFECTS FOR AUDIO TRACKS

## Basic Effects

- Select audio track
- Click Library button
- Select from presets

## More Basic Effects

- Click Controls button
- Adjust those available

## Advanced Effects

- Close Library
- Click Controls button
- Click slots to add effects
- Click added effect to edit



# AUTOMATIONS (MIDI OR AUDIO)

- Select track
- Turn on automations (Type A, or click automation button)
- Select desired automation from popup
  - Volume, pan, etc.
- Command-click to insert automation points



# ADDITIONAL MIDI AUTOMATIONS

- MIDI tracks only
  - Edit track
  - Click regions
  - Turn on automations
  - Select pitch bend from popup



# ADDITIONAL MIDI AUTOMATIONS

- Volume
- Modulation
- Expression
- Sustain
- Note Velocity
- Pitch Bend
- Etc.



# GARAGEBAND INSTRUMENTS

- MIDI Tracks Only
  - Select Track
  - Click Controls
  - Turn on Information
  - Turn off Master and/or Compare
  - Click Above Effects to Select Instrument



# GARAGEBAND SAMPLER

- MIDI Tracks Only
  - Select Track
  - Click Controls
  - Turn on Information
  - Turn off Master and/or Compare
  - Click Above Effects to Select Instrument
  - Select AU Instruments>Apple>AU Sampler



# GARAGEBAND AUDIO RHYTHM CORRECTION

- Turn on Flex Time
- Check Warp Markers
- Drag Manually, or Quantize



# GARAGEBAND AUDIO RHYTHM CORRECTION

- Select Track
- Click Edit Button
- Turn on Flex Time (Flex Time Button)
- Click Region Button
- Check Warp Markers (Add or Delete)
- Drag Manually, or Quantize



# GARAGEBAND AUDIO PITCH CORRECTION

- Select Track
- Click Edit Button (open Edit Window)
- Click Track Button
- Adjust Slider for Pitch Correction (How Much)
- Turn on or off Limit to Key



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