

**2007 Texas Bandmasters
Association Convention Clinic**

**Your Flute Section *Really*
Can Play in Tune!**

**Presented
by**

Kathy Daniel

**Assistant Professor
School of Music
Sam Houston State University**

**Friday, July 20, 2007
1:30-2:30pm
Room 213**

Your Flute Section *Really Can* Play in Tune!

I. Guidelines for the Band Director

A. Embouchure Problems to Avoid

1. No more than _ to _ of the embouchure hole should be covered by the lower lip
2. Keep the embouchure plate as low as possible below the bottom lip
3. Right arm should be forward

B. Posture Issues

1. No more than two players should share a music stand
2. Leave plenty of room between chairs

C. Pitch Tendencies of the Flute

1. Low register is flat
2. High register is sharp
3. C#_ is very sharp
4. Cooper scale flute is somewhat improved
5. Venting on middle d and eb

D. Just Intonation – Sounds better to the ear

1. Perfect 5th needs to be a slightly larger interval
2. Major 3rd needs to be a smaller interval

II. Exercises for the Flute Student to Practice

A. Tone Studies - Example



B. Harmonics



1. Develops the lip flexibility required to change the direction of the air into the flute
2. Pneumo pro – Developed to aid with visualization of the changing directions of air

C. Oral Cavity

1. Use any exercise utilizing harmonics
2. Have the player freeze the embouchure and change registers by altering the tongue placement and oral cavity

D. Breathing

1. Breath builder
2. Breathing bag

E. Vibrato

$\text{♩} = 60 \text{ 80 100}$

The exercises consist of four staves of music in treble clef with a key signature of one flat (Bb). The first staff contains a sequence of eighth notes with 'hoo' syllables and triplet markings (3) over groups of three notes. The second staff contains a sequence of eighth notes with 'hoo' syllables and triplet markings. The third staff contains a sequence of eighth notes with 'hoo' syllables and triplet markings. The fourth staff contains a sequence of eighth notes with 'hoo' syllables and triplet markings, followed by a final measure with a triplet of eighth notes and a quarter rest.

III. Tips for the Application of Skills Acquired Through the Practice of Exercises in II.

- A. Using an Electronic Tuner Effectively
 - 1. Remember that this teaches equal temperament
 - 2. Helps with pitch placement and knowledge of tendencies
- B. Matching Pitches with Another Player
 - 1. Developing the ear is the most important objective
 - 2. Knowing how to adjust
 - a. If flat, raise the direction of the air
 - b. If sharp, lower the direction of the air
- C. Avoiding Incompatible Tone Colors (Low register examples)
- D. Adding Piccolo to the Mix
- E. Matching pitch with a piano

IV. Conclusion-Build Confidence instead of Frustration in Your Players

Kathy Daniel Sam Houston State University

Kathy Daniel, Assistant Professor of Flute, has appeared as a soloist in many concerts throughout the United States. She served as principal flutist, section leader, and soloist with the United States Navy Band, Washington, DC, performing in and around Washington as well as on national concert tours. She was a soloist with the Boston Pops Orchestra in Symphony Hall and has performed in New York City at Carnegie Hall. Ms. Daniel has been a member of numerous professional ensembles in the Washington area, including the Mid-Atlantic Chamber Orchestra, the Maryland Festival Orchestra, and the Annapolis Chamber Orchestra. She completed several seasons with the Kennedy Center Opera House Orchestra and has performed with the Fairfax Symphony, National Women's Symphony, the Prince George's Philharmonic, and on concert tours with the United States Air Force Band. Since joining the faculty at Sam Houston State University in 1999, she has performed with the SHSU Faculty Chamber Players and conducted the SHSU Flute Choir at National Flute Association Conventions and has been a regular soloist with SHSU performing ensembles. Ms. Daniel has been named to *Who's Who in America* and twice named to *Who's Who Among America's Teachers*. She recently served as the Conference Coordinator for the Houston Flute Club's annual Flute Fest. She is a member of the Texas Flute Society, the National Flute Association, Pi Kappa Lambda, and the Texas Music Educators Association. Ms. Daniel received a Bachelor of Music Education with Performer's Certificate from Texas Tech University and the Master of Music from the Catholic University of America.

Sam Houston State University School of Music

The School of Music at Sam Houston State University was founded in 1937. Having long been recognized as a leader in the training of music educators, graduates have distinguished themselves as leaders in the field of music education and collectively rank among the finest in the profession. There are also significant numbers of graduates enjoying outstanding careers as professional performers, music therapists, and any number of other careers in music.

Housed in the beautiful School of Music Building, the School uses three large rehearsal halls, a Computer Assisted Instruction laboratory, and an electronic keyboard-training classroom. Performances by university ensembles, students, faculty, and guest performers take place either in the 700 seat Killinger Auditorium or the 250 seat Recital Hall. The faculty includes several of the finest instructors teaching at the university level. Many of the applied studio faculty are top professional performers in the Houston metropolitan area. A specialist with a comprehensive background in teaching and performing teaches each of the instruments of the band and the orchestra.

Music performance has always been the heart of our program in the School of Music. Our bands, orchestras, and choirs have excellent reputations for high quality performances in Texas and beyond. Our jazz ensembles have long had reputations as premiere performance groups with alumni distinguishing themselves as members of the leading jazz groups in the world.

The School enjoys a 7:1 student to teacher ratio, which is among the lowest in university programs in the United States. This low ratio allows us to give our students the individual attention that they need to become successful in musical careers. Faculty in the School of Music are committed to providing students the finest musical education available.

For any information regarding the school of music or auditions, please contact:
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