



Republic of Rwanda  
Ministry of Education



RTB | RWANDA  
TVET BOARD

## WOODWIND INTRUMENTS TECHNIQUES

**MPAWT401**

**Develop Woodwind Instruments techniques**

### Competence

RQF Level: 4

Learning Hours



Credits: 12

Sector: Art and Craft

Trade: Music and performing arts

Module Type: Elective

Curriculum: ARCMUS3003- TVET Certificate 4 in Music and Performing Arts

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**Issue Date: January 2025**

<b>Purpose statement</b>						
<b>Delivery modality</b>	<b>Training delivery</b>		<b>100%</b>	<b>Assessment</b>		
	Theoretical content		30%	Formative assessment	30%	
	Practical work:		70%		50%	
	● Group project and presentation	20%				
	● Individual project /Work	50%				
			Summative Assessment		50%	

### Elements of Competency and Performance Criteria

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Elements of competency	Performance criteria
<b>1. Develop technical proficiency</b>	1.1 Instrumental techniques and articulation are properly developed for consistent and clear sound production 1.2 Precision in sight reading and repertoire is well demonstrated with technical and rhythmic accuracy 1.3 Musicality and dynamic range are expressively performed emphasizing phrasing, tone color, and emotional depth 1.4 Ensemble performance and leadership are correctly demonstrated fostering communication and coordination
<b>2. Apply advanced tone production and resonance</b>	2.1 Appropriate control of tone quality is consistently demonstrated across all registers, ensuring clarity and balance 2.2 Dynamic control and emotional expression are effectively utilized enhancing the musical narrative and audience engagement 2.3 Correct resonance and vibrancy in tone production are consistently applied, achieving a rich and full sound 2.4 Proper tone color and expressive phrasing are accurately performed emphasizing musicality and stylistic interpretation
<b>3. Demonstrate expressive and stylistic skills</b>	3.1. Musical intentions are effectively expressed through articulation and phrasing 3.2 Dynamics and emotional expressions are appropriately applied to enhance musical interpretation align with stylistic convention 3.3 Styles and genres are accurately adapted demonstrating stylistic nuances and appropriate brass technique for each genre 3.4 Historical and cultural context are accurately incorporated enhancing interpretation and authenticity in performance

Learning outcomes	At the end of the module the learner will be able to:
	<ol style="list-style-type: none"> <li>1. Refine technical proficiency development</li> <li>2. Apply advanced tone production and resonance</li> <li>3. Demonstrate artistic interpretation and stylistic versatility</li> </ol>
Learning outcome 1: Refine technical proficiency development	Learning hours: 40
	Indicative content
<ul style="list-style-type: none"> <li>• <b>Tone production and resonance</b> <ul style="list-style-type: none"> <li>✓ Breath support and airflow</li> <li>✓ Embouchure refinement</li> <li>✓ Resonance in different registers</li> <li>✓ Sound shaping techniques</li> </ul> </li> <li>• <b>Articulation and advanced technical exercises</b> <ul style="list-style-type: none"> <li>✓ Advanced articulation</li> <li>✓ Ornamentation and articulation style</li> <li>✓ Scale and interval exercises</li> <li>✓ Technical etudes</li> </ul> </li> <li>• <b>Intonation and pitch accuracy</b> <ul style="list-style-type: none"> <li>✓ Pitch control and intonation adjustment</li> <li>✓ Chromaticism and tuning variations</li> <li>✓ Ensemble intonation</li> </ul> </li> <li>• <b>Stylistic versatility in repertoire</b> <ul style="list-style-type: none"> <li>✓ Classical and Romantic styles</li> <li>✓ Jazz and contemporary woodwind techniques</li> <li>✓ Woodwind section repertoire</li> <li>✓ Historical and culture context</li> </ul> </li> <li>• <b>Advanced sight-reading performance</b> <ul style="list-style-type: none"> <li>✓ Sight reading mastery</li> <li>✓ Repertoire preparation and performance practice</li> <li>✓ Performance anxiety and stage presence</li> </ul> </li> <li>• <b>Ensemble collaboration and leadership</b> <ul style="list-style-type: none"> <li>✓ Woodwind section leadership</li> <li>✓ Woodwind ensemble performance</li> <li>✓ Collaborative musicality</li> <li>✓ Conducting awareness for woodwind players</li> </ul> </li> </ul>	
Resources required for the learning outcome	

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<b>Equipment, tools, and materials</b>	<ul style="list-style-type: none"> <li>● Woodwind instruments</li> <li>● Mouthpieces</li> <li>● Mouthpiece pressure gauge</li> <li>● Woodwind tune and tuning app</li> <li>● Reeds</li> <li>● Etude books</li> <li>● Woodwind method books</li> <li>● Practice recording apps</li> <li>● Woodwind instrument stands</li> <li>● Recording devices</li> </ul>
<b>Facilitation techniques</b>	<ul style="list-style-type: none"> <li>● Targeted warm-up routines</li> <li>● Slow practices and incremental speed increase</li> <li>● Chunking technique</li> <li>● Use of visualization techniques</li> <li>● One-on-one feedback and guided practices</li> <li>● Peer collaboration and group practices</li> <li>● Application of the “Call and response” method</li> <li>● Recording and self-Assessment</li> </ul>
<b>Formative assessment methods</b>	<ul style="list-style-type: none"> <li>● Performance evidence</li> <li>● Written evidence</li> <li>● Product evidence</li> </ul>

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Learning outcomes	At the end of the module the learner will be able to:
	<ol style="list-style-type: none"> <li>1. Refine technical proficiency development</li> <li>2. Apply Advanced tone production and resonance</li> <li>3. Demonstrate artistic interpretation and stylistic versatility</li> </ol>
Learning outcome 2: Apply advanced tone production and resonance	Learning hours: 30
Indicative content	
<ul style="list-style-type: none"> <li>• <b>Fundamentals of advanced tone production</b> <ul style="list-style-type: none"> <li>✓ Airflow consistency</li> <li>✓ Techniques for regulating breath pressure to sustain long phrases and produce even tone</li> <li>✓ Exploring dynamics, tone color, and articulation nuances</li> </ul> </li> <li>• <b>Embouchure Refinement</b> <ul style="list-style-type: none"> <li>✓ Exercises for embouchure flexibility</li> <li>✓ Addressing common embouchure problems impacting tone and resonance</li> <li>✓ Understanding the relationship between airspeed, aperture size, and tone quality.</li> </ul> </li> <li>• <b>Resonance across registers</b> <ul style="list-style-type: none"> <li>✓ Tone matching and resonance building <ul style="list-style-type: none"> <li>● Consistent resonance in low, middle and high registers</li> <li>● Enhancing tonal clarity and protection</li> </ul> </li> <li>✓ Dynamic range development <ul style="list-style-type: none"> <li>● Producing resonant tones at extreme dynamic level</li> </ul> </li> <li>✓ Maintaining tonal balance and clarity</li> </ul> </li> <li>• <b>Stylistic tone shaping</b> <ul style="list-style-type: none"> <li>✓ Tone color and timbre control</li> <li>✓ Artistic expression through tone</li> <li>✓ Repertoire study</li> </ul> </li> <li>• <b>Applied practice and performance techniques</b> <ul style="list-style-type: none"> <li>✓ Long tone practice</li> <li>✓ Critical listening and analysis</li> <li>✓ Performance preparation</li> </ul> </li> </ul>	
Resources required for the learning outcome	
Equipment	<ul style="list-style-type: none"> <li>● Woodwind instruments</li> <li>● Mouthpieces</li> <li>● Mouthpiece pressure gauge</li> <li>● Woodwind tune and tuning app</li> <li>● Reeds</li> <li>● Etude books</li> <li>● Woodwind method books</li> </ul>

	<ul style="list-style-type: none"> <li>● Practice recording apps</li> <li>● Woodwind instrument stands</li> <li>● Recording devices</li> </ul>
<b>Facilitation techniques</b>	<ul style="list-style-type: none"> <li>● Targeted warm-up routines</li> <li>● Slow practices and incremental speed increase</li> <li>● Chunking technique</li> <li>● Use of visualization techniques</li> <li>● One-on-one feedback and guided practices</li> <li>● Peer collaboration and group practices</li> <li>● Application of the “Call and response” method</li> </ul> <p>Recording and self-Assessment</p>
Formative assessment methods	<ul style="list-style-type: none"> <li>● Performance evidence</li> <li>● Written evidence</li> </ul>

<b>Learning outcomes</b>	<b>At the end of the module the learner will be able to:</b>
	<ol style="list-style-type: none"> <li>1. Refine technical proficiency development</li> <li>2. Apply advanced tone production and resonance</li> <li>3. Demonstrate artistic interpretation and stylistic versatility</li> </ol>
<b>Learning outcome 3: Demonstrate artistic interpretation and stylistic versatility</b>	<b>Learning hours: 50</b>
<b>Indicative content</b>	
<ul style="list-style-type: none"> <li>● <b>Foundation of Artistic Interpretation</b> <ul style="list-style-type: none"> <li>✓ Musical Analysis for Interpretation</li> <li>✓ Understanding musical structure, harmony and phrasing. <ul style="list-style-type: none"> <li>● Identifying stylistic traits in Baroque, Classical, Romantic and Contemporary works</li> </ul> </li> <li>✓ Emotional expression in music</li> </ul> </li> <li>● <b>Stylistic versatility in woodwind instrument playing</b> <ul style="list-style-type: none"> <li>✓ Historical performance practices</li> </ul> </li> </ul>	

- Baroque ornamentation techniques and articulation
- Classical clarity in phrasing of rubato
- Romantic lyricism and use of rubato
- Contemporary techniques including extended techniques

- ✓ Genre adaptability
- ✓ Tone and Timbre adjustments

- **Performance preparation and refinement**

- ✓ Practice techniques on shaping phrase and controlling
- ✓ Developing emotional connection and storytelling through music
- ✓ Recording and self-critique

### Resources required for the learning outcome

<b>Equipment, Tools and Materials</b>	<ul style="list-style-type: none"> <li>• Woodwind instruments</li> <li>• Mouthpieces</li> <li>• Mouthpiece pressure gauge</li> <li>• Woodwind tune and tuning app</li> <li>• Reeds</li> <li>• Etude books</li> <li>• Woodwind method books</li> <li>• Practice recording apps</li> <li>• Woodwind instrument stands</li> <li>• Recording devices</li> </ul>
<b>Facilitation techniques</b>	<ul style="list-style-type: none"> <li>• Targeted warm-up routines</li> <li>• Slow practices and incremental speed increase</li> <li>• Chunking technique</li> <li>• Use of visualization techniques</li> <li>• One-on-one feedback and guided practices</li> <li>• Peer collaboration and group practices</li> <li>• Application of the “Call and response” method</li> </ul> <p>Recording and self-Assessment</p>
Formative assessment methods	<ul style="list-style-type: none"> <li>• Performance evidence</li> <li>• Written evidence</li> </ul>

## Integrated/Summative assessment

### Integrated Situation

A renowned music conservatory is organizing an advanced brass performance showcase, featuring solo and ensemble pieces that highlight technical mastery, tonal excellence, and artistic interpretation. You have been tasked with preparing learners for this high-level performance. Your task is to:

- Guide learners in refining their technical proficiency through advanced exercises and repertoire.
- Help learners master advanced tone production and resonance techniques to enhance their performances.
- Develop learners' artistic interpretation and stylistic versatility across diverse musical genres.

### Resources

- Mouthpiece pressure gauges
- brass instrument stands
- valve oil
- slide grease
- tuning apps
- recording devices.

<b>Equipment</b>	<ul style="list-style-type: none"><li>• 4-string</li><li>• 5-string</li><li>• 6-string bass guitars</li><li>• bass amplifiers</li><li>• speakers.</li></ul>
<b>Materials/ Consumables</b>	<ul style="list-style-type: none"><li>• Practice logs, Instructional videos, Scale charts, and music sheets.</li></ul>

### Tools

Assessable outcomes	Assessment criteria (Based on performance criteria)	Indicator	Observation		Marks allocation
			Yes	No	
<b>Learning Outcome 1: Refine Technical Proficiency (35%)</b>	<b>1.1. Demonstrate tone production and resonance.</b>	Learner uses proper breath support and embouchure refinement for sound shaping.			<b>5</b>
	<b>1.2. Execute advanced technical exercises.</b>	Learner performs scales, intervals, and technical etudes fluently.			10
	<b>1.3. Maintain pitch accuracy and intonation.</b>	Learner adjusts intonation and performs chromatic passages accurately.			<b>5</b>
<b>Learning Outcome 2: Apply Advanced Tone Production and Resonance (30%)</b>	<b>2.1. Produce consistent resonance across registers.</b>	Learner demonstrates tonal clarity and balance in low, middle, and high registers.			<b>5</b>
	<b>2.2. Control dynamics and tone color.</b>	Learner explores tone colour variations and dynamic extremes.			<b>5</b>
	<b>2.3. Apply stylistic tone shaping.</b>	Tone matches the stylistic requirements of the repertoire.			<b>5</b>
<b>Learning Outcome 3: Demonstrate Artistic Interpretation and Stylistic Versatility (35%)</b>	<b>3.1. Perform with emotional and stylistic depth.</b>	Learner demonstrates understanding of musical structure and phrasing.			<b>10</b>
	<b>3.2. Adapt to diverse genres and historical contexts.</b>	Learner incorporates techniques from Baroque, Classical, Romantic, and Contemporary styles.			<b>5</b>

	<b>3.3. Refine performances through critique and preparation.</b>	Learner shapes phrases and adjusts techniques based on self-assessment and feedback..			<b>10</b>
<b>Total marks</b>		<b>100</b>			
<b>Percentage Weightage</b>		<b>100%</b>			
<b>Minimum Passing line % (Aggregate): 70%</b>					

## References

1. Farkas, P. (1956). *The Art of Brass Playing*.
2. Arban, J. B. (1982). *Complete Method for Trumpet*.
3. Clarke, H. L. (1934). *Technical Studies for the Cornet*.
4. Hickman, D. (2006). *Trumpet Pedagogy: A Compendium of Modern Teaching Techniques*.
5. Westphal, F. W. (2012). *Guide to Teaching Woodwinds and Brass*.
6. Everett, A. (1996). *Practical Guide to Brass Instruments*.
7. Fischer, J. (2004). *Brass Techniques and Interpretation*.
8. Baxtresser, J. (2003). *Mastering Orchestral Brass Techniques*.