



Republic of Rwanda
Ministry of Education



RTB | RWANDA
TVET BOARD

BRASS INSTRUMENTS TECHNIQUES

MPABT401

Develop Brass Instruments Techniques

Competence

RQF Level: 4

Learning Hours



120

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

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

Elements of Competency and Performance Criteria

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

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

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

Learning outcomes	<p>At the end of the module the learner will be able to:</p> <ol style="list-style-type: none"> 1. Refine technical proficiency development 2. Apply advanced tone production and resonance 3. Demonstrate artistic interpretation and stylistic versatility
Learning outcome 3: Demonstrate artistic interpretation and stylistic versatility	Learning hours: 50
Indicative content	
<ul style="list-style-type: none"> • Foundation of Artistic Interpretation <ul style="list-style-type: none"> ✓ Musical Analysis for Interpretation ✓ Understanding musical structure, harmony and phrasing. <ul style="list-style-type: none"> ✚ Identifying stylistic traits in Baroque, Classical, Romantic and Contemporary works ✓ Emotional expression in music • Stylistic versatility in brass playing <ul style="list-style-type: none"> ✓ Historical performance practices <ul style="list-style-type: none"> ✚ 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 <ul style="list-style-type: none"> ✓ Practice techniques on shaping phrase and controlling ✓ Developing emotional connection and storytelling through music ✓ Recording and self-critique 	

Resources required for the learning outcome	
Equipment	
Materials	
Tools	
Facilitation techniques	
Formative assessment methods	<ul style="list-style-type: none">● Performance evidence● Written evidence

Integrated/Summative assessment

Integrated Situation

A regional music workshop is hosting a showcase for aspiring bass guitarists to demonstrate their skills in diverse genres and performance scenarios. Participants are expected to perform solo and ensemble pieces, emphasizing groove proficiency, advanced playing techniques, and stage presence. You have been selected to mentor the participants and prepare them for the event.

Your task is to:

- Teach students advanced playing techniques, including slap, pop, and palm muting.
- Guide students in improving groove proficiency, emphasizing rhythmic accuracy and bassline construction.
- Develop students' stage adaptability by working on tone adjustments, stage presence, and solo composition.
- Ensure participants are ready for live performance with confidence and technical mastery.

Resources

Tools

- Mouthpiece pressure gauges,
- Brass instrument stands,
- Valve oil
- Slide grease
- Tuning apps
- Recording devices.

Equipment	<ul style="list-style-type: none"> • Brass instruments, • Mutes • Practice journals.
Materials/ Consumables	<ul style="list-style-type: none"> • Etude books • brass method books • repertoire sheets • practice logs

Assessable outcomes	Assessment criteria (Based on performance criteria)	Indicator	Observation		Marks allocation
			Yes	No	
Learning Outcome 1: Refine Technical Proficiency (35%)	1.1.Demonstrate finger independence using scale modes.	Learner uses proper breath support and embouchure refinement for sound shaping.			10
	1.2. Perform extended chord tone arpeggios	Learner performs scales, intervals, and technical etudes fluently.			10
	1.3. Execute advanced playing techniques	Learner adjusts intonation and performs chromatic passages accurately			5
Learning Outcome 2: Apply Advanced Tone Production and Resonance (30%)	2.1. Identify basslines and chord progressions by ear.	Learner demonstrates tonal clarity and balance in low, middle, and high registers.			10
	2.2. Maintain rhythmic accuracy during performances	Learner explores tone colour variations and dynamic extremes.			10
	2.3. Construct basslines incorporating scales, arpeggios, and passing notes.	Tone matches the stylistic requirements of the repertoire.			10
Learning Outcome 3: Demonstrate Artistic	3.1. Adjust bass tone for various styles.	Learner demonstrates understanding of			10

Interpretation and Stylistic Versatility (35%)		musical structure and phrasing..			
	3.2. Exhibit stage presence and adaptability.	Learner incorporates techniques from Baroque, Classical, Romantic, and Contemporary styles.			5
	3.3. Compose and perform solo pieces.	Learner shapes phrases and adjusts techniques based on self-assessment and feedback.			10
Total marks		100			
Percentage Weightage		100%			
Minimum Passing line % (Aggregate): 70%					

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*.