Teaching Defence Management to Senior-Level Professional Military Education at the Baltic Defence College

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Abstract

The paper analyses the pedagogical approach to teaching defence management to senior-level Professional Military Education (PME) at the Baltic Defence College (BALTDEFCOL). With its unique position in the region, the College is committed to providing advanced learning experiences, emphasising the importance of forward-thinking and adaptability within the complexities of modern warfare. This study highlights the strengths and limitations of BALTDEFCOL's PME system, with a particular focus on the evolving security environment in the Baltic Sea area. It examines the curriculum design, teaching methods, and implementation strategies employed by BALTDEFCOL to empower senior-level with the knowledge and skills necessary for effective defence management. Additionally, the paper explores potential adaptations for improvements in the future, including innovations in teaching methodologies, collaboration with external stakeholders, and continuous updates to the curriculum. With a steadfast commitment to excellence and innovation, BALTDEFCOL ensures that senior-level leadership are thoroughly prepared to confront the challenges of contemporary warfare and strategic resilience.

KEY WORDS: *BALTDEFCOL, curriculum development, defence management, senior-level PME and NATO.*

1. Introduction

The Baltic Defence College is a distinguished institution accredited by NATO dedicated to advanced PME [1]. Our unwavering commitment is to provide education at the operational and strategic levels by applying the latest education principles, effective management, and the best use of intellectual and material resources [1]. This is achieved through rigorous applications of contemporary education methodologies and the employment of both intellectual and material assets.

As the vanguard of PME, BALTDEFCOL is dedicated to providing high-level instruction to senior-level and exploring in-depth knowledge and critical insights into defence management. The efforts are directed towards enhancing military preparedness and nurturing the culture of strategic adaptability and resilience.

With an eye on the future, the College is committed to shaping the future of military and security studies. The BALTDEFCOL is oriented toward being forward-thinking and competitive. The goal is to be modern, future-oriented, attractive and competitive, educating military and security-related civilian personnel of the Framework Nations - Estonia, Latvia and Lithuania – as well as allies and partners [1]. The BALTDEFCOL places a particular focus on the Baltic Sea region, with an inclusive embrace of the Nordic area and the broader European context [1].

The security environment of the Baltic Sea is characterised by its dynamic and fraught with challenges and risks. The geopolitical significance of the region and its evolving security environment underline the need for robust defence management processes. These processes must not be only adaptive and responsible but also intrinsically tailored to the region's unique tapestry of uncertainties and unknowns.

In the shadow of ongoing security challenges and the conflict in Ukraine, these emergencies recognise the necessity of equipping the senior level with critical thinking techniques. These techniques are essential for producing strategic-level options for senior leaders to navigate the complexities of warfare developments. In this case, the paper aspires to analyse the realm of PME at BALTDEFCOL, examining the pedagogical approach to defence management. It seeks to convey impactful transformative learning experiences that resonate with current demands and suggest possible future improvements.

At the core of our education philosophy is the interdependency of planning: determining the content and delivery methods most suited for senior-level teaching in defence management. The paper addresses two crucial questions, 'What should be taught?' and 'How should teaching be delivered?' This nexus is crucial, empowering leaders to steer their organisations towards high performance. Through collaborative engagement with diverse academic institutions, the College promotes a creative and critical-thinking culture, embedding its role as a dedicated and continuous learning institution.

2. The Overview: The current landscape of PME

Historical reality shows that the Baltic states have demonstrated a commitment to each other. Amidst shifting security dynamics, their mutual responsibility has forged enduring examples of cooperation. This shared dedication laid the cornerstone for establishing the Baltic Defence College, echoing Benjamin Franklin's wisdom that investing in professional education always pays the highest return [2]. The BALTDEFCOL stands as a testament to this principle, nurturing an educated workforce is the foundation of every community and the future of every economy [2].

2.1. The PME system in the BALTDEFCOL

The BALTDEFCOL, formally established in February 1999, embodies a vital commitment of Framework nations towards regional cooperation. During its inauguration, former Estonia President Lennart Mery articulated three key objectives: building close collaboration amongst Estonia, Latvia, and Lithuania to address collectively security challenges, enabling regional security by strengthening national armed forces and engaging with neighbouring countries to shape the future [3]. Since then, the College has an important mission to train future senior-level leaders with theoretical knowledge and critical-thinking skills to better understand the strategic environment. The curriculum is strategically designed to address the complexities of the Baltic region and the broader Baltic Sea area, with a particular focus on Russia and the roles and interests of NATO and the EU [4].

The PME of framework nations encompasses various courses and programs designed to train from junior officers to senior level. Within the PME system, there are four levels of development. The initial two levels focus on providing basic training and education for junior officers, a Framework Nations' responsibility. The BALTDEFCOL is responsible for delivering the Joint Command and General Staff Course (JCGSC) and Higher Command Studies Course (HCSC), which represent the third and fourth levels of education offered by Estonia, Latvia and Lithuania. This tiered approach to education is visually represented in Table 1 [4], which outlines the progression through the PME.

Table 1.

The tiered approach to education

Framework Nations' PME System			
Development Level 1	Development Level 2	Development Level 3	Development Level 4
Basic	Junior	Advanced	Senior
Tactical	Tactical	Operational	Strategic
Basic and specialist courses	Captain career and intermediate courses	Joint Command and General Staff Course	Higher Command Studies course
National or international military academies	National or international military academies	BALTDEFCOL or international staff/war colleges	BALTDEFCOL or international staff/war colleges
OF 1	OF 1 – OF 2	OF 3 – OF 4 and selected civil servants	OF 4 – OF 5 and selected civil servants

The HCSC is designed to provide advanced education and training for senior-level personnel with a certain civilian status and military rank. It addresses present challenges while preparing for the emerging future. A key component of HCSC is the defence management module, which not only guides senior-level compliance with orders but also reflects on and critically evaluates their performance. This complex approach endows the senior level with a solid strategic vision, essential analytical skills, and decision-making acumen required for senior-level positions.

2.2. The recommended NATO PME

In 2011, NATO introduced an alternative paradigm within PME to bolster the institutional framework for military and civilian personnel. The NATO-recommended officer development phases (See Table 2) [5] encompass three PME levels and do not extend to a fourth level. Notably, the senior-level PME at BALTDEFCOL does not neatly align with NATO's broader framework.

While BALTDEFCOL offers advanced education tailored for senior leaders, the NATO-recommended PME system primarily targets pre-commission, junior officer and intermediate officer levels of education [5]. This apparent discrepancy may reflect a gap in acknowledging the significance and value of senior-level PME within the NATO system. The insufficient

recognition of senior-level education within NATO-recommended PME presents a challenge for BALTDEFCOL. However, individual NATO countries maintain a PME system, including a fourth level for senior development. Perhaps the absence of senior-level validation in NATO's recommended system may constrain the acknowledgement of academic credentials and the equivalence of diplomas among the countries sending students to BALTDEFCOL.

Table 2.
Understanding the Dual Nature: Strengths and Limitations

Educational Level	Function	Rank
Pre-Commissioning/Basic Officer	Capable of leading troops at the platoon level	OF1/OF2
Junior Officer	Capable of leading troops at the company level	OF3/Junior Major (OF3)
Intermediate/Senior	Designed to serve on a general command staff for a battalion, bridge, etc.	Senior Major(OF3)/OF4

The BALTDEFCOL PME is characterised by distinctive strengths and notable limitations (see Table 3) in teaching defence management. At the heart of college education lies its multicultural environment, which creates an unparalleled cross-cultural dialogue that extends traditional educational boundaries. The College's regional expertise further enriches this dynamic setting, which offers students critical insights into the complexities of the Baltic Sea region.

Table 3.
The BALTDEFCOL PME characterised by distinctive strengths and notable limitations

Strengths	Limitations
Diverse & multicultural learning environment	Recognition of educational gaps
In-depth regional expertise	Challenges of integrating theory and practice
Practical experience through active learning	Constraints of an unclassified environment
Culture of knowledge exchange within the learning organisation	Resource constraints due to external and internal factors

The module design addresses the dualities of defence management, blending theoretical frameworks with practical applications. Through case studies and syndicate activities (SYNA), students are engaged in real-world scenarios that vividly demonstrate the practical implications of these strengths and limitations. The hands-on approach equips students with the necessary skills and knowledge to assume future strategic roles. As a learning organisation, BALTDEFCOL cultivates a culture of collaboration and knowledge exchange, significantly contributing to professional development and expanding professional networks.

Despite these challenges, the module faces ongoing challenges in achieving the ideal equilibrium between theory and practice. The need for a careful module design is paramount to overcome this challenge. The unclassified status of BALDEFCOL restricts access to classified data essential for defence management. At the national level, budget decisions are made regarding equipment and systems that are almost exclusively unclassified. Additionally, budgetary constraints caused by external and internal factors can lower BALTDEFCOl's ability to bring in subject matter experts (SMEs). This financial limitation is not often apparent to external observers, who may question the College's ability to upload high education standards and attract top-tier experts.

3. Planning: What do we plan to teach, and how do we deliver it?

In preparing senior-level PME for the complexities of defence management, the curriculum is designed to equip students with the knowledge, skills and instruments necessary to investigate, assess and formulate defence management strategies and planning [5]. The module covers a broad spectrum of topics, from defence economics to resources management, offering a blend of theoretical insights and practical applications. As a result, students learn to appraise how financial, material, infrastructure, and personnel decisions influence the implementation of national security policies within resource constraints [5] in an unpredictable world.

3.1. Module Design Process

In the realm of senior-level PME, curriculum design is critical. Each module, including defence management, is a foundation building block tailored to address learning needs and fulfil desired outcomes. The module design process is a testament to the commitment to educational excellence, weaving learning outcomes, student needs, resources, teaching strategies, assessment, and evaluation into a coherent and robust framework.

Learning outcomes: The design begins with an in-depth analysis of the learning outcomes (see Table 4) [5] and the student needs to guide the module's direction. The learning outcomes are aligned with competencies deemed crucial for

senior-level defence management, ensuring that each topic is tailored to address the complex challenges within today's unpredictable security environment.

Table 4.

The design of learning outcomes

No.	Learning outcomes
1.	**Formulate** coordinated guidance and implementation concepts for effective defence management.
2.	**Assess** the impact of resource allocation on defence management.
3.	**Consider** the different methods of forming rational, disciplined decisions to allocate resources for efficient and effective capability building in the face of uncertainty.

Integration, structure and adaptability: Module integration and structure are crucial aspects of module design that are aligned with the PME program's overall goals. The module does not exist in isolation but contributes cohesively to future senior-level leaders' holistic development. The curriculum's adaptability reflects the fluid nature of defence management, allowing for regular updates in response to evolving threats, technological advancement, and shifting geopolitical environments. Despite the diversity of framework nations, the training provided is substantial and pertinent for both levels of education (levels three and four). This approach empowers BALTDEFCOL to build upon existing knowledge, fostering advancement rather than overhauling established processes.

Collaboration and pedagogical strategies: Collaboration with (SMEs) is essential in building a module that reflects the latest developments and best practices in defence management. Despite differences between framework nations and their defence organisations, it is vital to gauge both times and expertise, providing examples of 'best practices' that produce envisaged outcomes. Incorporating the knowledge of practitioners, academics, and faculty, the module benefits from varied perspectives and ensures its applicability to contemporary realities. This collaborative approach encourages critical and creative thinking, which aligns with Metz's statement that education suggests broadening beyond the confines of [professional] knowledge and the development of critical thinking and creativity [6].

Learning methods: Adapting case studies and scenario-based learning are highly adaptable teaching styles that involve problem-based learning and promote the development of analytical skills [7]. These methods encourage group discussion and facilitate the development of the higher levels of Bloom's taxonomy of cognitive learning, moving beyond recalling knowledge to analysis, evaluation and application [8,9].

Assessment and evaluation: Assessment standards and evaluative measures are established to gauge the effectiveness of the learning experience, providing valuable feedback for continuous improvement. The module design is an iterative process, constantly refined to maintain relevance and usefulness. Harmonising these elements ensures the module offers a comprehensive and dynamic educational experience that strengthens knowledge acquisition and develops critical thinking and creativity to cope with complexities and uncertainties.

3.2. Teaching methods

In defence management, teaching and practising theoretical concepts are of utmost importance. The faculty body selects a blend of teaching methods tailored to meet the diverse needs of students. This pedagogical approach is not arbitrary; it is a calculated choice influenced by several factors, including:

1. Desired Learning Outcomes: The ultimate goal is to comprehensively understand defence management concepts while using critical thinking and consolidating decision-making abilities.
2. Nature of the topic: The complexity and specificity of defence management topics necessitate a dynamic teaching approach to convey intricate concepts effectively, such as defence economics, defence financial planning, defence acquisition, portfolio management, and human resource management.
3. Assessment methods: Evaluative techniques align with teaching methods to accurately measure students' grasp of the subject matter.
4. Student background: Diverse educational and professional experiences among students require adaptable teaching methods to ensure inclusive and equitable learning. (see Table 5).

Table 5.

Teaching methods and their impact

Teaching Methods	Learning Environment	Application in Defence Management	Learning Outcomes
Interactive Lectures	Classroom & Online Teaching	Introduces Defence management concepts; simulates debates	Enhance critical thinking
Case Study	Group Discussions	Examines real case scenarios from the 3Bs, formulate solutions	Improve decision-making and problem-solving skills

Syndicate Activities	Exercises & Group Work (SYNA)	Facilitates practical decision-making in addressing Security threats	Promote teamwork, leadership, and management skills
Guest Speakers	Seminars & Round tables	SMEs develop strong relations between stakeholders, military services, and BALTDEFCOL.	Expand professional knowledge and increase awareness.

These teaching methods not only broaden the understanding of defence management but also actively engage students through dynamic and interactive learning experiences. The 'learning by doing' approach is particularly effective, as it encourages students to engage in practical exercises, learn from mistakes, draw conclusions, and identify areas for improvement. This approach ensures that students are not passive recipients of information but active participants in their educational journey who are prepared to tackle the challenges of modern defence management.

3.3. The role of technology in PME

The BALTDEFCOL has adeptly integrated technology in PME to address security challenges and technology development better. It has employed Advanced Distributed Learning (ADL) to facilitate education access and promote collaboration between students and instructors. The adaptation of ILIAS, an open-source ADL, has significantly enhanced the education experience by providing tools for learning facilitation and collecting student feedback, thereby fostering a cohesive learning community.

Confronted with the unprecedented disruptions of the COVID-19 pandemic in 2020, BATLDEFCOL swiftly modified its communication and education delivery to achieve objectives set by framework nations. As a result, the HCSC defence management module suddenly shifted to distance learning by introducing Microsoft Teams (MST), as a primary platform for teaching delivery and student communication. Although MST proved effective in maintaining engagement, it also presented challenges in ensuring consistent motivation and delivering high-quality education. The pandemic significantly affected teaching, students and educators across all education levels of PME.

The introduction of MST, despite its benefits, presented challenges for teaching purposes, including the necessity for more frequent clarification of concepts, a potential decrease in flexibility in the learning process, and the complexity of monitoring individual student progress and comprehension in a virtual setting.

Nonetheless, incorporating innovative teaching methodologies and technology in defence management has proven beneficial, especially in empowering senior-level PMEs. Using MST has not only improved access to education resources but also promoted interactive learning experiences in a restricted environment, ultimately contributing to education. By addressing these strengths and limitations, BALDEFCOL can continue to enhance its PME, ensuring it remains relevant and effective in preparing senior-level leaders for the complex strategic environment of the future.

4. Implementation: What do we do in the class, and what can we achieve?

The chapter examines the dynamic relationship between class activities and the tangible outcomes achievable within the context of defence management education. It demonstrates how classroom activities help learners grasp strategic concepts (ends) and translate them into practical actions (ways) to develop effective mechanisms, systems, and infrastructure. Through class discussions and case studies, students are empowered to explore the complexities of defence management. Kolb's experiential learning theory supports this approach, viewing learning as a continuous and holistic process without boundaries [18]. As learners advance, the horizon they once perceived as a limit continually expands, revealing new challenges and opportunities.

4.1. Class activities: What do we do?

Role of lectures in teaching: Lectures serve as foundational tools for knowledge dissemination, with lecturers playing a pivotal role in shaping the education journey. Beyond transferring knowledge, they customise education to meet individual needs and interests. The lecturer itself guides the teaching process. An effective and good lecturer is one who commands the content knowledge, knows the strengths of the student, encourages the students, allows them to express themselves, and knows how to use technology [10].

In senior-level PME, teaching defence management demonstrates a strong relationship between participants and lecturer attitudes is pronounced. In this human interaction, lecturers have a significant influence on teaching. Erdoğdu claims that lecturers' attitudes and behaviours are the second most influential factors affecting students' academic achievement [11]. Despite their importance, the traditional lecture format may sometimes not allow much discussion and other forms of involvement. They may be interested only in delivering their teaching according to the plan, not assessing learning, and time may not allow students to present their input. To mitigate this, the module offers a combined approach. It integrates lectures with group discussions, active interaction, and SYNA activities, fostering dynamic learning environments that promote active participation and enhance learning.

Syndicate activity: A group-based learning approach. In defence management, SYNAs facilitate peer learning among a cohort of six or eight participants. These activities are designed to enrich the learning experience through interaction and increase group dynamics, aiming to develop higher-level problem-solving skills. Effective SYNA implementation

involves appointing a team leader who guides the group, facilitates communication, manages conflicts, and ensures timely task completion.

Initially, everyone can raise the following question: What are the benefits of having a team leader? It is an important question that the syndicate has to address. Experience has shown that a syndicate leader with the required competencies and knowledge is crucial for making timely, reasonable decisions. This type of leader steers the group towards a clear understanding of objectives and individual roles, cultivates a cognitive working environment, manages intra-group conflicts, ensures constructive resolution of issues, mentors team members, and facilitates decision-making processes. For an effective leader, open communication and coordination are essential. These attitudes are instrumental in securing the collective triumph of the team.

On the other hand, the absence of syndicate leaders can often result in collective disorientation concerning the task. This void in leadership precipitates a lack of cohesion among participants and ambiguity regarding their respective roles. Such disarray can lead to a poor product that fails to meet the standards required for advisory roles, whether for an 'acting chief of staff' or an 'assessment board' during a group presentation. Experiential precedents within group events have demonstrated inconsistencies in achieving content consensus, detailed examination of particular issues, and clarity on presenting responsibilities.

Another area for improvement is understanding the task and dividing the syndicate into smaller groups may sound like an unnecessary change or breakdown. Initially, segmenting the syndicate into smaller groups ensures a level playing field for all participants. Secondly, the smaller group configuration facilitated a stress-free environment for understanding the task material and the need for constant updates from each participant. Thirdly, using small groups will save time in prolonged and redundant clarifications inefficiencies, thereby allocating more time for group work.

The final consideration within SYNA is the timeline, a tool that identifies the schedule and individual responsibilities. It offers the leader a comprehensive overview, enabling him/her to monitor progress, guide the workflow, facilitate improvements, and maintain effective communication within the chain of command through all development stages.

4.2. Clarifying Desired Achievement: What should we achieve?

Achieving learning outcomes: As we delve into the module, we confront the gap between high-level strategic directives and translating them into actionable plans. The module is built to bridge this chasm, empowering senior-level to engage with strategic direction, mastering the art of transforming it into actionable and measurable steps. Key focus areas include resource allocation methodologies, ensuring force readiness, and integration of new capabilities. The quintessential challenge lies in balancing long-term planning with the urgency of immediate needs, which is crucial for effective decision-making in defence management.

The design of the defence management module is to yield concrete and measurable outcomes. These outcomes are not merely academic milestones but the building stones upon which the edifice of strategic defence understanding is built. The class activities are meant to achieve our desired outcomes, and it is imperative to encapsulate them in a format that underscores their significance and applicability. Table 6 outlines these outcomes, each a testament to the comprehensive learning experience that BALTDEFCOL offers. Through these tangible results, we see the delivery of our education, one that marries theory with practice and knowledge with action.

Table 6.

The design of the defence management module

Integrated Learning and Application Outcomes		
No.	Module Learning Outcomes [4]	Corresponding tangible outcomes
1.	**Formulate** coordinated guidance and implementation concepts for effective defence management.	Strategic leadership development
2.	**Assess** the impact of resource allocation on defence management.	Enhanced problem-solving skills
3.	**Consider** the different methods of forming rational, disciplined decisions to allocate resources for efficient and effective capability building in the face of uncertainty.	Promote cohesive teamwork through SYNA

Assignment: The Integration of Case Studies and SYNA Approach. Building upon these foundation insights, the SYNA assignment engages students in employing management methods and tools for real-world defence management scenarios. Students are tasked with utilising techniques such as problem identification, stakeholders and SWOT (Strengths – Weaknesses – Opportunities – Threats) analysis and DOTMLPF-I (Doctrine, Organisation, Training, Material, Leadership, Personnel, Facilities and Interoperability), to formulate recommendations.

Through this assignment, students conduct strategic analysis that integrates theoretical concepts with practical insights acquired throughout the module. They will develop detailed plans that define objectives (*the political end*), articulate resource allocation strategies (*means by which the government allocate resources*), and devise risk mitigation measures (*ways to manage risks*). This exercise is designed to demonstrate studetnts' ability to translate theoretical knowledge into actionable strategies that address complex defence management challenges.

Assessment: Measuring Mastery through a Performance-Based Approach. After developing robust strategies, the module shifts to a critical assessment phase, where the efficacity of learning relies intensely on the teaching process through assessment and constructive feedback. As Wiggins underlines, effective teaching is inseparable from good assessment [12]. The assessment framework is carefully designed to rigorously evaluate both group and individual contributions, with a focus on the clarity of proposals, in-depth analysis, and communication effectiveness.

Assessment criteria are aligned with educational goals and focus on identified strengths, weaknesses and areas for improvement. This performance-based approach ensures the students not only acquire theoretical knowledge but also develop practical skills and critical thinking abilities essential for senior defence management. By linking assessment to real-world applications, the module reinforces the learning process, ensuring that students are fully prepared to navigate the complexities of modern defence management.

In conclusion, teaching defence management to the senior-level PME demands a holistic approach combining theoretical knowledge and practical application. The module equips students with a robust understanding of strategic direction by integrating lectures, syndicate activities, case studies analysis, and a transparent and reliable assessment process. This dynamic learning process ensures our education remains relevant and impactful in preparing future defence management professionals.

5. The Future: Possible adaptations and improvements

In an era characterised by rapid technological developments, geopolitical shifts and non-traditional security threats, the pedagogy of defence management education must embody both agility and forward-thinking. Looking at the current strategic developments, teaching senior-level PME requires a multifaceted understanding of defence management concepts and practices, alongside the flexibility to address the changing spectrum of security challenges. The chapter proposes necessary adaptations and improvements for teaching senior-level PME at the BALTDEFCOL, aiming to equip military and civilian leaders who are engaged with security issues with the essential knowledge and competencies required to adeptly manoeuvre through the complexities of today's contemporary defence environment and future uncertainties.

The 21st-century security landscape is marked by diversity and complexity, necessitating a paradigm shift in how defence management education is approached. To effectively prepare military and civilian leaders to deal with these evolving challenges, the curriculum must go beyond traditional boundaries. It should offer a comprehensive understanding of both foundational defence management concepts and contemporary practices, while also addressing national and international strategic implications. Central to this approach is ensuring that students can articulate and develop required military capabilities by strategically investing in current readiness and future defence systems. This will allow for the optimal use of defence resources, ensuring maximum effectiveness in both present and future contexts.

Recognising the inherently interdisciplinary nature/approach of contemporary security challenges, the module must integrate a broad spectrum of insights from technology, economics, and global affairs. By framing defence management within a wider societal and global context, students will gain a deeper understanding of the interconnectedness between economic stability, technological innovation, and national security. This interdisciplinary approach will not only enhance students' creativity in problem-solving but also cultivate the strategic mindset necessary for effective senior-level leadership in an increasingly interconnected world.

Enhancing strategic decision-making capabilities is paramount in today's dynamic security environment. To achieve this, the module should incorporate dynamic learning tools that simulate real-world scenarios and promote experiential learning. These tools include:

1. Case Studies as Teaching Tools: Employing case studies, particularly those from the three Baltic states, provides senior-level PME with invaluable insights into security challenges and strategic decision-making processes. This approach is supported by Qudrat-Ulah's work on decision-making and learning dynamic tasks, which emphasises the importance of case studies in developing abilities and making decisions [13].
2. Blended learning methodologies: Integrating online resources and virtual reality simulations with traditional classroom activities creates an immersive learning experience. Donovan et al. highlighted the improvements in dynamic decision-making through training and self-reflection, understanding the effectiveness of blended learning methodologies in a complex problem-solving environment [14].
3. Inviting practitioners: Incorporating defence practitioners and SMEs to teach defence management to bridge the gap between theory and practice. Their real-life professional experiences offer invaluable, practical perspectives that textbooks cannot provide. This real-life professional experience aligned with findings in the Wiley Online Libray on learning and dynamic decision-making, which underscore real-life experience's value and importance in enhancing military and civilins' decision-making skills [15].

At the heart of BALDEFCOL's teaching and learning mission is the commitment to excellence and continuous improvement. Investing in the ongoing professional development of faculty members is critical to maintaining and enhancing the quality of the curriculum. Through regular workshops, seminars, and conferences allow faculty members to engage with research projects, emerging trends, and best practices in defence management education [13]. This commitment to lifelong learning culture empowers educators to embrace innovative education methods, enhancing student learning experiences and

disseminating new knowledge. This approach requires promoting and fostering collaboration and networking with other academic institutions focused on defence and security issues.

The BALTDEFCOL recognises the inherent value of collaboration and knowledge exchange. The College actively cultivates partnerships with various institutions, think tanks, and research organisations. These collaborative activities facilitate a robust exchange of ideas, best practices, and empirical insights, enriching the education experience and broadening students' perspectives on defence management. For instance, the HCSC 2024 brought together a diverse group of 24 students from 13 countries, demonstrating the dedication to creating an environment that mirrors the cooperative nature required in international security and defence [16]. Moreover, the strategic partnership will offer opportunities for joint project initiatives and knowledge and ideas exchanges, fostering a culture of innovation, creativity and intellectual awareness within the academic communities. The mission of BALTDEFCOL to educate and promote international cooperation is further supported through these collaborative efforts, particularly in curriculum development and updates [1].

To maintain relevance and effectiveness amid evolving security challneges, the curriculum must undergo regular updates. However, these updates should be carefully managed to ensure they do not exceed 20% of the existing content, ensuring a balanced approach between continuity and adaptability. Regular curriculum revisions should be guided by insights from allies, partners, and academic institutions. This approach ensures that our educational standards remain finely attuned to the latest developments in technology, geopolitics and defence strategies. This approach equips learners with the knowledge and skills required to cope with the complexities of the modern security environment. By assembling these elements into a cohesive and responsive curriculum, BALTDEFCOL empowers its education to deliver an education that is both forward-thinking and adaptable [17].

In conclusion, BALTDEFCOL is committed to strengthening its position as a leader in defence management education through relentless innovation, a dedication to excellence, and a spirit of collaboration. By embracing adaptative pedagogical approaches, fostering diverse collaborations, and nurturing a culture of continuous learning, BALTDEFCOL is well-positioned to cultivate the strategic insight and agility needed to confront dynamic security challenges and anticipate future uncertainties. Through these enhancements, BALTDEFCOL ensures that its senior-level PME remains relevant, impactful and at the forefront of defence management education.

6. Conclusions

The BALTDEFCOL stands as a pivotal regional military education institution, particularly in teaching senior-level PME. Through its unwavering commitment to understanding strategic resilience and enhancing military preparedness, BALTDEFCOL has established itself as a beacon of impactful learning experiences that equip leaders with the necessary tools and strategic insights necessary to understand and anticipate the complexities of modern warfare.

Throughout this essay, the distinctive approach of BALDEFCOL to defence management education has been illuminated, showing its strengths in regional expertise, embracing multiculturalism and implementing practical learning methodologies. While acknowledging the challenges of NATO PME framework recognition and possible resource limitations, the institution remains resolute in its pursuit of continuous improvement, embracing innovation, and strengthening robust partnerships to keep pace with the evolving security dynamics of our time.

For the BALTDEFCOL to ensure its enduring commitment to defence management, it must prioritise a series of strategic initiatives. First and foremost, the curriculum must be regularly updated to reflect emerging threats, technological advancements, and shifting strategic priorities. This proactive approach ensures that senior-level PMEs are equipped with the most current and relevant knowledge, enabling them to effectively address the multifaced challenges of contemporary combat scenarios and the broader landscape of modern warfare.

In addition, the continuous professional development of faculty members is essential to maintaining high standards of instruction and relevance. By investing in the continuation growth and expertise of its staff, BALDEFCOL can guarantee that its educational programs remain at the forefront of defence management education, consistently delivering value to its studends and stakeholders.

The effectiveness of defence management education is deeply rooted in a commitment to excellence, adaptability, and progress. As Admiral Stavridis once observed, that victory over adversaries often relies on intellectual superiority - out-thinking opponents rather than merely outfighting them. BALTDEFCOL stands at the forefront of cultivating critical and creative thinking, forecasting, predicting future trends, and enhancing decision-making capabilities. These efforts are crucial in preparing senior-level PMEs to confront and overcome the challenges posed by the warfare of tomorrow.

Ultimately, the role of the BALTDEFCOL in shaping the future of defence management cannot be overstated. As the institution continues to adapt and evolve, its influence extends far beyond the realm of military education, contributing to a broader understanding of security and defence issues. The senior-level PMEs are not only moulded by the wall of theoretical knowledge but also trained to apply this knowledge practically in response to current security developments and trends. This blend of theory on one side and practices on the other, underpinned by a culture of continuous learning and adaptation, positions BALTDEFCOL to sustain its legacy of excellence in defence management education.

By embracing these principles and strategic initiatives, BALTDEFCOL reaffirms its commitment to preparing military and civilian leaders who are not only capable of navigating the complexities of today's security landscape but are also poised to anticipate and shape the security challenges of tomorrow.

References

1. **Baltic Defence College.,** Quick Facts, 2023 https://baltdefcol.org/files/coursedocuments/20230103 BALTDEFCOL%20Booklet.pdf, accessed on 04 March 2024, Tartu, Estonia.
2. **Henry B.,** Az Quotes https:///wwazquotes.com/quotes/topics/invesstment-in-educaiton.html, accessed on 13 March 2024.
3. **Corum J.**, **Johanson A.,** (Quoted here) 20th Years of the Baltic Defence College: Professional Military Education in the Baltic States, Valipress OU Estonia, 2019, pp. 5.
4. **BALTDEFCOL.,** HCSC 2024 Course Plan, Tartu, Estonia, p. 5-6 & 20.
5. **NATO, PfP Consortium and Canada**., Generic Officer Professional Military Education: Reference Curriculum, NATO publication 2011, p. 5-6.
6. **Metz S**., Strategic Horizons: US Professional Military Education on the Chopping Block. World Politics Review, 17 April 2013. https://www.worldpoliticsreview.com/articles/12879/strategic-horizons-us-professinal-military-education-on-the-chopping-block, accessed on 20 March 2024.
7. **Herreid CF., Schiller NA., Herreid KF., Wright C**., In case you are interested: results of a survey of case study teachers, Jcol Sci Teach. 2011; 40(4), p. 76-80.
8. **Anderson L.W., Krathwohl D.,** A taxonomy for learning, and assessing: a revision of bloom's taxonomy of educational objectives, complete edition. 2000, New York: Longman Publishing Group; White Plains.
9. **Herreid CF.,** Case studies in science – a novel method of science of science education. J Col Sci Teach. 1994.; 23(4), p. 221-229.
10. **Darling-Hamond L**., Teacher learning that supports student learning. In BZ. Presseissen (Ed), Teaching for intelligence, Sakarya University Journal of Educaitons, 2013, p. 33-46.
11. **Erdoğdu M.,** Relationships between parental attitudes and Teacher behaviours and students' academic achievement, Sakarya University Journal of Education, 2013, p. 33-46.
12. **Wiggins G**., Creatomg Tests Worth Taking. Educational Leadership 49, no. 8, 1992, p. 26-33 at https://www.ascd.org/ASCD/pdf/journals/ed_lead/el_199205_wiggins.pdf accessed on 20 March 2024.
13. **Qudrat-Ullah H.,** Decision making and Learning in Dynamic Talsks, 2019 SpringerBriefs in Complexity, https://doi.org/10.1007/978-3-030-28166-3_1, p. 6.
14. **Donovan J**.S., **Gűss D.C, Naslund D.,** Improving dynamic decision making through training and self-reflection, Judgement and Decision Making, Vol. 10 No. 4 July 2015, p. 284-295.
15. **Gonzalez C,** Learning and Dynamic Decision Making, topic in Cognitive Science 14 (2022), p.14-30, https://online library.wiley.com/doi/epdf/10.1111/tops.12581, accessed on 26 April 2024.
16. **BALTDEFCOL,** Opening Ceremony of Higher Command Studies Course 2024, https://www.baltdefcol.org/1834, accessed on 22 April 2024.
17. **Galvin P.TH., Hill AA,** Educating our Defence Managers: A Way Ahead, Journal of Military Learning, US Army Press, 2017, p. 37.
18. **Kolb A**. D, Experiential Learning: Experience as the Source of Learning and Development, Second edition, Pearson Education, 2025.