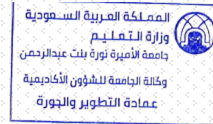




جامعة الأميرة نورة بنت عبدالرحمن
Princess Nourah bint Abdulrahman University

Teaching & Learning Strategy

Princess Nourah Bint Abdulrahman University (PNU)



Published in 2023/2024 Academic Year

Contents

Slide

PNU Vision & Mission

3

PNU Values

4

PNU Strategic Goals

5

Teaching & Learning Strategy Defined

6

Teaching & Learning Strategy Core Underpinnings

7

Teaching & Learning Strategy Purpose

8

Teaching & Learning Strategy Alignment with PNU Strategic Goals

9

Teaching & Learning Strategy Aims

10

Teaching & Learning Strategy Pillars

11

Teaching & Learning Strategy Enablers

23

Enablers Key Attributes

25



PNU Vision

To become a beacon of knowledge and values for women

PNU Mission

Princess Nourah bint Abdulrahman University is a comprehensive University for women distinguished by its leadership in education and scientific research. it contributes to establishing a knowledge-based economy with societal and global partnerships.



PNU Values

Growth

Continuous Learning

Innovation

Awareness

Nationalism

Compassion

Pioneering

Initiative

Distinction

Agility

Flexibility

Responsiveness

PNU Strategic Goals

- Competitive competencies in the national economy
- Renewable forward-looking academic programs
- Women leadership in national development
- System of research, innovation & entrepreneurship
- Leading the educational and social influence
- Institutional enablers that support excellence, sustainability, & financial stability
- University life that supports health and well-being

Teaching & Learning Strategy Defined

The teaching and learning strategy is a set of general rules and broad guidelines in the field of teaching and learning, which represents and reflects the institution's approach to the educational process, and sets the essential principles, values and modern trends in teaching and learning processes. It is shared with staff in charge of teaching and learning as a foundational reference in the educational process. The teaching and learning strategy ensures excellence in teaching and learning.

Teaching & Learning Strategy Core Underpinnings

**Sustainable
Development
Goals (SDGs)**



**Kingdom of
Saudi Arabia
(KSA)
Vision 2030**



**Princess Nourah
Bint
Abdulrahman's
(PNU) Strategic
Plan**



**PNU's Graduate
Attributes**



Teaching & Learning Strategy Purpose

To promote excellence in Teaching and Learning through inclusive, innovative, and adaptive learning environments for students to contribute to their culture and economy.

Teaching & Learning Strategy Alignment with PNU Strategic Goals

The Teaching and Learning Strategy serves to achieve PNU's first strategic goal of **'Competitive Competencies in the National Economy'** as an initiative for **'Knowledge, Skills and Values Enhancement'**.

The Teaching and Learning Strategy also serves to achieve PNU's second strategic goal of **'Renewable Forward-Looking Academic Programs'** as an initiative for **'Excellence in Teaching and Learning'**.

Teaching & Learning Strategy Aims

- To promote a shared understanding of the fundamental characteristics of the approach to teaching and learning at PNU
- To foster high quality teaching and learning at PNU
- To support PNU educators towards teaching and learning excellence
- To advance PNU's mission, vision, and core values
- To stimulate evolutions in PNU's approach to teaching, curriculum and assessment design, and in students' skills and competencies development

Teaching & Learning Strategy Pillars



Teaching & Learning Strategy Pillars

1

Contemporary
&
Adaptive
T&L

2

Student-
Centered
T&L

3

Evidence-Based
T&L

4

Research-Driven
T&L

5

Life-long
Learning

6

Authentic
Assessment
for
Learning

7

Digital
Technologies &
AI Integration in
T&L

8

Communities
of
Practice

9

Enabling
Learning
Ecosystem

10

Education for
Sustainable
Development



Teaching & Learning Strategy Pillars - Principles

1

Contemporary & Adaptive T&L

- Teaching and learning at PNU integrates the current world into the classroom, connecting learning to current life.
- Educators at PNU continually assess the strengths and needs of students and adapt their teaching pace and practices accordingly to ensure all students can meet expectations.
- Educators at PNU strive to personalize lessons, readings, practice activities, and assessments for individual students based on their current skills and performance.
- Students at PNU are provided with customized learning resources to meet their unique learning needs.



Teaching & Learning Strategy Pillars - Principles

2

Student-Centered T&L

- Teaching and learning at PNU is student-centered focusing on students' unique learning styles, learning needs and interests, and promoting their active engagement in learning.
- Educators at PNU view students as primary and unique agents of learning and engagement.
- PNU educators adopt a constructivist approach focusing on student questions and interests, building on what students already know, and focusing on interactive learning.
- PNU educators promote students' active participation in their learning.

Teaching & Learning Strategy Pillars - Principles

3

Evidence-Based T&L

- PNU educators adopt pedagogic approaches which are supported and evidenced by research to have impact on student learning and achievement, and to be the most effective at influencing student learning outcomes.
- Teaching and learning at PNU is based on the best available scientific evidence on effective teaching and learning strategies, approaches, and tools.

Teaching & Learning Strategy Pillars - Principles

4

Research- Driven T&L

- Teaching and learning at PNU is research-driven learning, promoting the necessary research skill for life-long learning, as an integral component in a student's undergraduate education journey.
- Teaching and learning at PNU connects the teachings in the classroom with techniques and research methodologies that allow students to develop competencies and analysis, reflection, and argumentation skills.
- Educators at PNU link teaching content with theoretical and practical information collected directly by the students, allowing them to participate in the construction of knowledge.

Teaching & Learning Strategy Pillars - Principles

5

Life-long Learning

- Teaching and learning at PNU promotes lifelong learning as a means for students to take greater control over their learning.
- PNU educators inculcate lifelong learning habits in their students, motivating and providing them with all the necessary resources to enable them to trace their own learning paths.
- PNU educators at PNU encourage learning ownership among their students as an essential life-long learning skill.

Teaching & Learning Strategy Pillars - Principles

6

Authentic Assessment for Learning

- Assessment at PNU prepares students for what they are going to do next, considers implications for professional practice, meets workforce demands, and allows students the experience of working in teams and industry ways.
- Assessment at PNU replicates or simulates the contexts in which adults are tested in the workplace or in civic or personal life.
- Educators at PNU adopt Assessment *for* Learning, where they engage in an ongoing process of monitoring student learning in order to both, improve their teaching and improve student learning.
- Educators at PNU constantly evaluate the success and effectiveness of the assessment strategies they use.

Teaching & Learning Strategy Pillars - Principles

7

Digital Technologies & AI Integration in T&L

- Teaching and learning at PNU integrates a wide range of technological and AI tools to teach content and build skills, and in turn, enhance the learning environment.
- Teaching and learning at PNU employs technology and Generative-AI to promote student engagement, interactive learning, and student-centered learning.
- Educators at PNU use technology to deepen learning and achieve pedagogical goals, as well as support the curriculum.
- Educators at PNU employ technology to assess knowledge and skills in a more authentic way.

Teaching & Learning Strategy Pillars - Principles

8

Communities of Practice

- Educators at PNU serve as communities of practice, collaborating and communicating, sharing knowledge between one another as a community with a focus on best practice.
- The teaching environment at PNU promotes effective communities of practice where the result is the creation of new knowledge that advances pedagogical practice.
- Educators at PNU are offered a wide range of capacity building and continuous professional development opportunities, with access to pedagogics expertise.

Teaching & Learning Strategy Pillars - Principles

9

Enabling Learning Ecosystem

The teaching and learning environment at PNU promotes:

- Social and emotional well-being among students
- Constant access to learning
- Student engagement in learning
- Student voice in learning
- Growth mindset among students
- High learning expectations
- Academic integrity

Teaching & Learning Strategy Pillars - Principles

10

Education for Sustainable Development

- Teaching and learning at PNU offers students the knowledge, skills, values and agency to think about and address interconnected global challenges including climate change, unsustainable use of resources, and inequality.
- Educators at PNU promote the Sustainable Development Goals (SDGs) through the raising of awareness on and the employment of the SDGs in coursework.

Teaching & Learning Strategy Enablers



Teaching & Learning Strategy Enablers

Enabler 1:

Educator



Enabler 2:

Curriculum



Enabler 3:

Teaching
&
Learning



Enabler 4:

Teaching
&
Learning
Environment



Enabler 5:

Student



Teaching & Learning Strategy

Enablers Key Attributes

Enabler 1: Educator



Enabler 1:

Educator



Enabler 1: Educator – Key Attributes

The educator key attributes serve as essential qualities which will impact teaching and learning positively, and drive educational excellence.

Enabler 1:

Educator



Enabler 1: Educator – Key Attributes

Professionalism
Preserver

Outstanding Presenter

Learning Facilitator

Pedagogical Expert

Subject-Matter Expert

Feedback Provider

Effective Instructional
Designer

Subject Mentor

CPD Pursuer

Continual Assessor

Empathetic Coach

Intrinsic Motivator

Excellent
Communicator

Digital Technology
User

Enabler 1:

Educator



Enabler 1: Educator – Key Attributes

Professionalism Preserver

PNU Educators

- ❖ Consistently demonstrate high levels of **professionalism** through exhibiting personal accountability and punctuality, working effectively with others, and demonstrating excellent time management skills;
- ❖ Take time to mentor students and display **genuine care** for their well-being;
- ❖ Model strong character traits, including **commitment, perseverance, honesty, respect, and morality**;
- ❖ Constantly exemplify **equality of opportunity** and **fairness**;
- ❖ Show a great level of **responsibility** in their work towards their students, their department, and the larger community.

Enabler 1:

Educator



Enabler 1: Educator – Key Attributes

Pedagogical Expert, Effective Instructional Designer & Continual Assessor

PNU Educators

- ❖ **Pedagogical experts**, in addition to being subject-matter experts. They are able to utilize a variety of effective and practical teaching approaches in both physical and digital classrooms. As pedagogical experts, they are able to adapt each method to individualized class or student needs using tech ed tools effectively;
- ❖ **Effectively design instruction**, and go beyond knowledge presentation to designing the presentation of knowledge through practical contexts which are close to reality;
- ❖ **Continuously monitor and assess learning** by diversifying assessment methods.

Enabler 1:

Educator



Enabler 1: Educator – Key Attributes

Excellent Communicator and Outstanding Presenter

PNU Educators

- ❖ Are **experts in written and interpersonal communication**. In order to breakdown complex concepts and provide authentic and constructive feedback, PNU educators are skilled in **oral and written** communication.
- ❖ **Communicate effectively** through sparking students' interest, appropriately addressing questions, feedback and comments from student using appropriate nonverbal communication with positive body language which encourages questions, participation, and feedback, and finally, providing clear and thorough information to students;
- ❖ Have **excellent presentation skills**, which are not limited to visual presentations inside the classroom, but also virtual presentation skills that develop successful transition of knowledge in a distant education setting.

Enabler 1: Educator



Enabler 1: Educator – Key Attributes

Subject-Matter Expert

PNU Educators

- ❖ Have a thorough **understanding of the subject matter** which help them be more effective and efficient at organizing the material and connecting the subject with real experiences, as well as finding useful application of the knowledge taught;
- ❖ Are **subject-matter experts** which help them present students with current and up to date information in their field.

Enabler 1:

Educator



Enabler 1: Educator – Key Attributes

Student Mentor and Empathetic Coach

PNU Educators

- ❖ Are **student mentors** who encourage self-reflection on individual attributes that could be a positive contribution to the classroom.
- ❖ Asks questions to help **guide students** and shares personal and relatable insights;
- ❖ Are **empathetic coaches** who monitor student performance and provide continuous feedback that demonstrates support for the student rather than criticism, showing care to all, and readiness to support low-performers.

Enabler 1:

Educator



Enabler 1: Educator – Key Attributes

Digital Technology User and Learning Facilitator

PNU Educators

- ❖ Understand that in education, **technology integration** is no longer optional and that the use of technology in teaching and learning is a given and an expectation, and is vital to adapt to the current global needs;
- ❖ Utilize available digital platforms, digital media, and virtual classrooms to **promote students' digital literacy** and be able to participate in a digitalized society.
- ❖ Employ technology to shift from knowledge providers to knowledge facilitators who are able to provide virtual knowledge to students at any given time or place;
- ❖ **Use technology** to provide students access to the material as well as to foster a sense of curiosity among students to continue to pursue new and current knowledge.

Enabler 1:

Educator



Enabler 1: Educator – Key Attributes

Feedback Provider

PNU Educators

- ❖ Are **well-versed in feedback provision** processes and dynamics;
- ❖ Realize that their role as mentors and facilitators in their students learning journey cannot be successful without **good feedback practice**;
- ❖ **Provide regular, constructive, and authentic feedback** to their students on their learning, in order to make a difference in students' learning experiences, improve students' metacognitive skills, and allow students to take their learning forward.

Enabler 1: Educator



Enabler 1: Educator – Key Attributes

Continuous Professional Development (CPD) Pursuer

PNU Educators

- ❖ Are self-motivated in their pursuit of knowledge and growth, not only to **fulfill professional expectations** but also to meet the ever-changing needs of students;
- ❖ Realize that in the era of 4.0, new and efficient approaches in educational technologies are constantly developing; therefore, a **growth mentality** is crucial to keep up with new demands from educators;
- ❖ Understand that it is vital to **sustain a high level of current and effective professional competencies** and up-to-date knowledge of both, the subject matter (subjects and disciplines) and the pedagogical domains.

Enabler 1:

Educator



Enabler 1: Educator – Key Attributes

Intrinsic Motivator

PNU Educators

- ❖ **Instill intrinsic motivation** as a core virtue in learning;
- ❖ Understand that it is intrinsic motivation that lasts beyond the academic studies and fulfills an internal desire to succeed among students;
- ❖ **Motivate students** through the employment of digital technologies to create a relevant, and interesting learning environment in which students would willingly and eagerly participate;
- ❖ **Employ virtual tools** which keep the students focused such as task planners, accessible digital resources, time-trackers, etc. which all serve as intrinsic motivation boosters for the students.

Teaching & Learning Strategy

Enablers Key Attributes

Enabler 2: Curriculum



Enabler 2:

Curriculum



Enabler 2: Curriculum – Key Attributes

The curriculum key attributes serve as essential features which will impact teaching and learning positively, and drive educational excellence.

Enabler 2: Curriculum



Enabler 2: Curriculum – Key Attributes

Interdisciplinary

Real-Life &
Experiential-Based

Dynamic

Industry- Relevant

Skills-Based

Embeds Sustainable
Development

Inclusive

Value-Based

Enabler 2: Curriculum



Enabler 2: Curriculum – Key Attributes

Interdisciplinary

Curriculum at PNU

- ❖ Is **interdisciplinary** advancing cognitive development, problem solving skills, critical thinking skills, creativity, innovativeness and expands the deep knowledge spectrum of students;
- ❖ **Enhances students' knowledge, skills and values** through enabling them to synthesize different ideas, develop multiple perspectives and gain broader understanding of the subject matter.

Enabler 2: Curriculum



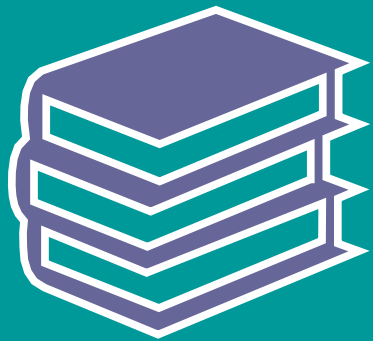
Enabler 2: Curriculum – Key Attributes

Industry Relevant

Curriculum at PNU

- ❖ Is **industry relevant** to meet the requirements of the current and changing market trends;
- ❖ Enables students to build **industry experiences**, ensure the development of a plethora of skills, enhance employability opportunities and empower them to become proactive and professional leaders;
- ❖ Promotes **university-industry collaboration** such as internships, mentoring, project banks, think tank competitions, and summer programs to ensure that curricula meets the requirements of industry.

Enabler 2: Curriculum



Enabler 2: Curriculum – Key Attributes

Inclusive

Curriculum at PNU

- ❖ Endorses **diversity**, variety and accessibility which contributes to building a **social culture of respect**, acceptance and belonging;
- ❖ Focuses on improving students' skills, experiences, and values through ensuring that **inclusive principles** are maintained throughout the educational system, allowing students to engage more profoundly with the curriculum.

Enabler 2: Curriculum



Enabler 2: Curriculum – Key Attributes

Real-Life & Experiential-Based

Curriculum at PNU

- ❖ Incorporates **real-life and experiential learning** in order to provide students with real world scenarios which requires their application of theoretical knowledge and reflection on practical implications;
- ❖ Is **experiential-based** to equip students with a multitude of benefits that enhance their leadership skills, confidence, competences, critical thinking skills, problem solving skills, and decision-making skills;
- ❖ Encourages students to become more **reflective** and **observant**, and allows them to explore future career paths in a safe and supportive educational environment.

Enabler 2: Curriculum



Enabler 2: Curriculum – Key Attributes

Skills-Based

Curriculum at PNU

- ❖ Is **skills-based**, incorporating the 21st century learning skills;
- ❖ Bridges the gap between university and industry through enhancing students' **soft** and **technical skills**, encouraging them to become lifelong learners and providing them with competitive opportunities in the workplace.

Enabler 2: Curriculum



Enabler 2: Curriculum – Key Attributes

Value-Based

Curriculum at PNU

- ❖ Establishes solid educational learning environment that **embodies morals, principles** and **ethics** across different courses and programs;
- ❖ Encourages students to acquire a proactive attitude, develop their **social** and **ethical commitment**, enhance **citizenship** development and promote **leadership** and **grit** in fulfilling their goals.

Enabler 2: Curriculum



Enabler 2: Curriculum – Key Attributes

Dynamic

Curriculum at PNU

- ❖ Ensures that students are developing their **knowledge, skills** and values in alignment with **market needs**;
- ❖ Encourages active participation, curiosity, community engagement, innovation, and incites creativity and the use of digital technologies. Accordingly, it promotes **authentic learning experiences** for students.

Enabler 2: Curriculum



Enabler 2: Curriculum – Key Attributes

Embeds Sustainable Development

Curriculum at PNU

- ❖ Embeds sustainable development within the curriculum to assist in founding an equitable, responsible and accountable culture where students acquire knowledge, improve their skills, adopt positive attitudes, become responsible citizens that have local and global awareness about social, political, economic and environmental issues;
- ❖ Integrates sustainable development to signify educational inclusivity, adopting student-centered, action-driven and innovative-oriented teaching.

Teaching & Learning Strategy

Enablers Key Attributes

Enabler 3: Teaching & Learning



Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

The teaching and learning key attributes embodies essential principles, values and practices that are central to effective teaching and learning.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Personalized Learning

Pedagogically-Informed

Constructive Alignment

Student-Centered

Engaging & Interactive

Project-Based Learning

Respectful & Inclusive

Blended Learning

Inquiry-Based Learning

Constructive & Authentic Feedback

Asynchronous Learning

Technology & Artificial Intelligence-Infused

Evidence-Based

Assessment *for* Learning

Promotes Speech, Discussion & Attentive Listening

Research-Oriented

Self-Directed Learning

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Personalized Learning

Teaching and Learning at PNU

- ❖ Enables students to study and learn at their **own pace**, introducing more difficult tasks and levels only after a certain mastery level is achieved, and offering a wide variety of choices for the different students' contexts, interests, needs and preferences;
- ❖ Offers learning experiences that are **personalized** and **self-paced** to promote innovative and self-directed learning skills which are required in industry;
- ❖ **Personalizes educational experiences**, builds instruction from student passions and capacities, helps students personalize their learning and assessment in ways that foster engagement.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Student-Centered

Teaching and Learning at PNU

- ❖ Is student-centered, promoting autonomy and active learning among students, ensuring that students become leaders of their learning process;
- ❖ Places the students' needs at heart and allow students an engaging and interactive learning experience where they are capable of setting their own learning goals, and steering and shaping their own learning;
- ❖ Keeps students at the center of the teaching and learning process, leveraging their motivations, satisfying their needs, and improving their learning experiences.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Respectful and Inclusive

Teaching and Learning at PNU

- ❖ Utilizes teaching approaches which are **respectful to individual students** and diverse learning communities, respecting students' rights in learning including their right to authentic feedback, their right to equality of opportunity in learning, and their right to guidance and support;
- ❖ Is **inclusive** allowing students of all identities, backgrounds, and abilities to thrive.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Constructive and Authentic Feedback

Teaching and Learning at PNU

- ❖ Recognizes that **feedback** is a powerful process for learning;
- ❖ Values the provision of **feedback that is constructive**, identifying and closing learning gaps and building on students' levels of understanding, as well as helping them to take their learning to next steps;
- ❖ Values the provision of **authentic feedback** to promote the development of capabilities that transfer effectively from university to the world of work, allowing students to engage in higher-order thinking, decision-making and problem-solving.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Evidence-Based

Teaching and Learning at PNU

- ❖ Uses **empirically validated pedagogical tools** and techniques that promote student learning;
- ❖ Is **aligned with research outcomes**, as well as empirical evidence on high impact teaching and learning strategies;
- ❖ Adopts **evidence-based teaching practices** including clearly sharing learning goals with students, constantly checking for student understanding, providing regular feedback to students, evaluating the effectiveness of own practices, nurturing metacognition, conducting persistent and authentic assessments, and sharing clear and transparent criteria for success.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Research-Oriented

Teaching and Learning at PNU

- ❖ Promotes the necessary **research skills** for life-long learning.
- ❖ Recognizes that research is an **integral component** in a student's undergraduate education journey, which plays a key role in students' learning, their undergraduate education experience, and their knowledge and skill development;
- ❖ Develops students' interest in searching for knowledge and constructing it through **inquiry and research**;
- ❖ Offers students ample **opportunities for research**, where they can question and inquire, search and examine, analyze and critically think, and finally, decide and conclude.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Pedagogically-Informed

Teaching and Learning at PNU

- ❖ Is informed by **pedagogical knowledge** and **research**;
- ❖ Adopts teaching methods and practices which are **relevant** and **up-to-date**, and have an impact on the student's knowledge and experience, developing students' competencies and skills in the process.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Engaging and Interactive

Teaching and Learning at PNU

- ❖ Drives **student engagement** with both, the learning content and the discipline;
- ❖ Maximizes student learning through offering **student engagement opportunities** and using approaches and strategies which drive engagement;
- ❖ Invites **strong student participation** through teaching and learning tools such as Learning Management Systems, Padlet, Jam Board, VoiceThread, Kahoot, Mentimeter, blendspace, and various other tools.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Blended Learning

Teaching and Learning at PNU

- ❖ Combines **face-to-face** learning with **online learning** with the aim of taking advantage of the benefits which each offers;
- ❖ Recognizes that blended learning **boosts engagement** and improves student achievement;
- ❖ Employs blended learning to **promote self-directed learning** and allow students to claim ownership of their own learning, whereby students can move on to their next learning level without having to wait for other students, and students who need additional time in each learning dimension can take their time without feeling pressured to move forward with others or feeling anxious to catch up with others.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Asynchronous Learning

Teaching and Learning at PNU

- ❖ Enables students to **learn anytime** and **anywhere**, and at **their own pace** and convenience;
- ❖ Adopts **e-learning tools** which offer opportunities for remote, online, virtual, and self-paced learning;
- ❖ Employs the **flipped classroom** approach to allow interactive learning in class while the theoretical parts can be learned outside the class time;
- ❖ Offers students multiple pathways to **learn asynchronously** by ensuring that learning content and opportunities are accessible and available outside of class, where students can engage with asynchronously.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Assessment *for* Learning

Teaching and Learning at PNU

- ❖ Adopts *assessment for learning* throughout the process of teaching and learning to help diagnose different students' needs, plan for instruction interventions, provide feedback to students on how to improve the quality of their work, and help students feel that they are in control of their successful learning journey;
- ❖ Values *assessment for learning* as an integral part of good pedagogy in order to accelerate student learning.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Self-Directed Learning

Teaching and Learning at PNU

- ❖ Offers students **independence** in their own learning (i.e. self-directed learning), where students experience **ownership** of their learning and educators serve as facilitators, guiding students through and on their learning;
- ❖ Enables students to engage in **self-guided** reading, participate in discussion groups, reflect in writing activities, and **asynchronous learning** activities and assignments.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Constructive Alignment

Teaching and Learning at PNU

- ❖ **Constructively aligns** course intended learning outcomes, teaching learning activities, and assessment tasks to boost students' accomplishments of intended learning outcomes;
- ❖ Adopts teaching and assessment methods which **best achieve** the intended learning outcomes (ILOs);
- ❖ Recognizes that when attention is given to the practice of constructive alignment, teaching and learning is improved.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Project-Based Learning

Teaching and Learning at PNU

- ❖ Allows students to **apply their knowledge and skills** through completing short-term projects which allow them to practice their organizational, collaborative, and time management skills, all of which are useful in their academic and professional careers;
- ❖ Adopts project-based learning as a form of **cooperative** and **research-based** learning technique, characterized by active student engagement and comparative learning;
- ❖ Enables students to work together to solve a problem or develop a product;
- ❖ Adopts PBL to build **21st-century competencies and skills** including critical thinking, problem-solving, interpersonal communication, information and media literacy, cooperation, leadership and teamwork, innovation, and creativity.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Inquiry-Based Learning

Teaching and Learning at PNU

- ❖ Develops students' cognitive skills through **inquiry-based learning approaches** whereby students are encouraged to ask critical questions and investigate real-life issues;
- ❖ Adopts **inquiry-based** and **problem-based** approaches to help promote students' critical thinking, analytical, higher-order thinking, problem solving, communication, and decision-making skills.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Technology & Artificial Intelligence (AI) Infused

Teaching and Learning at PNU

- ❖ Employs technology and AI as **supportive tools** in the classroom;
- ❖ **Incorporates technology and AI** to accelerate learning, increase students' interest and motivation in learning, and offer an enjoyable learning experience to students;
- ❖ Adopts technologies which supports curriculum objectives, provides student performance feedback to both educators and students, and technologies which **enable student collaboration and participation** in learning;
- ❖ Employs computer simulations, Generative AI, virtual labs, mobile devices, robots, games, digital tools to **maximize student learning experiences**.

Enabler 3:

Teaching & Learning



Enabler 3: T&L – Key Attributes

Promotes Speech, Discussion & Attentive Listening

Teaching and Learning at PNU

- ❖ Supports the **organization and connecting of ideas** through speech, discussion, and attentive listening.
- ❖ Offers **opportunities** for all students to **participate in speech and discussion** around the learning content and encourages attentive listening through the interactive design of the speech and discussion activities.
- ❖ **Builds student confidence** through the promotion of speech, discussion and attentive listening activities in the learning environment

Teaching & Learning Strategy

Enablers Key Attributes

Enabler 4: Teaching & Learning Environment



Enabler 4:

Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

The teaching and learning environment key attributes embodies important criteria for an effective teaching and learning environment.

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Promotes Social & Emotional well-being

Offers varied Experiences & opportunities

Employs Diverse Learning Methods

Fosters Good Academic Performance

Promotes Inclusivity & Equality of Opportunity

Facilitates Self-Paced and Ongoing Access to Learning

Empowers Students to Construct Knowledge

Bridges Theory to Practice

Enables the Use and Adoption of Digital Technologies

Addresses the Needs of Special Groups

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Promotes Social & Emotional Well-Being

The Teaching and Learning Environment at PNU

- ❖ Promotes the social and emotional well-being of students as an important determinant of their **positive development**;
- ❖ Recognizes that when students are **socially and emotionally well**, they will have improved mental health, social functioning, academic performance, and are better able to cope with negative experiences;
- ❖ Offers programs, strategies and practices of **social and emotional learning (SEL)**, and through integrating social and emotional learning into the curriculum to support students' academic experience and performance.

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Offers Varied Experiences & Opportunities

The Teaching and Learning Environment at PNU

- ❖ Offers **various experiences** and **opportunities** for students;
- ❖ Offers **various meaningful** and **purposeful opportunities** for self-directed learning, group collaboration, problem-solving, reflection, simulation, application, critical thinking, role-playing, debate, discussion, peer assessments, self-assessments, etc., to enrich student learning and widen the range of their capabilities.

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Employs Diverse Learning Models

The Teaching and Learning Environment at PNU

- ❖ Employs **diverse** form of instruction and teaching strategies to cater for the diverse learning needs within the student population and to keep students motivated and engaged;
- ❖ Implements a **blend** of project-based learning, flipped learning, problem-based learning, inquiry-based learning, active learning, discussion, cooperative and peer learning to enrich the learning experiences and reap the benefits of the various teaching models.

Enabler 4:

Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Fosters Good Academic Performance

The Teaching and Learning Environment at PNU

- ❖ Focuses on fostering the students' **good academic performance**;
- ❖ Ensures that students are **actively engaged** in learning, are participants in their learning and assessment journey, are constantly stimulated, are growing a range of essential skills, and are constantly offered support to boost their academic performance;
- ❖ Encourages the **effective academic participation** of students to enhance cognitive and non-cognitive skills that students need to achieve good academic performance;
- ❖ Ensures that mechanisms for **student guidance** and **support** need to be clear, explicit, and shared with students.

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Facilitates Self-Paced & Ongoing Access to Learning

The Teaching and Learning Environment at PNU

- ❖ Allows students to determine the **learning pace**;
- ❖ Allows students to go through a body of material and content at their **own pace**, providing them with **ownership** of their own learning in the process;
- ❖ Supports students to feel that they can take as much time as they need to reach **mastery**;
- ❖ **Never limits learning** to the physical presence of students at a given time and place;
- ❖ Offers **students ongoing access to learning** which is interactive, allowing them to engage with their learning at their own pace and at their own convenient time and place.

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Empowers Students to Construct Knowledge

The Teaching and Learning Environment at PNU

- ❖ Empowers students to **construct knowledge** themselves rather than receive knowledge;
- ❖ Encourages students to **engage with content**, do work with it, research about it, answer critical questions around it, inquire about it, critically think and evaluate it, compare and contrast it with other content, reflect upon it, in order for students to serve as primary agents in the process of their knowledge construction.

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Bridges Theory To Practice

The Teaching and Learning Environment at PNU

- ❖ Bridges between academics and professional practice and is **practice embedded**;
- ❖ Encourages **reflective learning** to help students link between theory and practice and to contribute to the development of reflective practitioners;
- ❖ Employs **practical and application-based** assignments and projects which allow students to reflect upon practice and provide them with a holistic foundation of knowledge in both theory and practice, to develop industry ready graduates.

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Enables the Use and Adoption of Digital Technologies

The Teaching and Learning Environment at PNU

- ❖ Enables the use and adoption of **digital technologies** and **tools** to boost student engagement, motivation, student autonomy and interaction with learning;
- ❖ Enables the use and adoption of digital technologies and tools through nurturing a culture which values the use of digital technologies and tools, investing in the adoption of technologies and tools which supports learning, training educators on the **effective use** and **incorporation** of these technologies and tools.

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Promotes Inclusivity and Equality of Opportunity

The Teaching and Learning Environment at PNU

- ❖ Provides a range of materials and activities that **supports all students'** learning styles;
- ❖ Incorporates a **variety** of cultural backgrounds and perspectives;
- ❖ Provides **equitable** and **inclusive** learning **opportunities** for all students;
- ❖ Promotes **diversity** and **fairness**;
- ❖ Addresses the **variety** of **ethnic** and **economic** backgrounds found in a learning setting;
- ❖ Employs **differentiation** teaching to meet the needs of every student.

Enabler 4: Teaching & Learning Environment



Enabler 4: T&L Environment – Key Attributes

Addresses the Needs of Special Groups

The Teaching and Learning Environment at PNU

- ❖ Addresses the **needs of special groups** including students who are gifted, students with special needs, students with learning difficulties, and students with psychological impairments and conditions;
- ❖ **Supports students** with physical, sensory, mental, communicative, educational, or psychological **deficiencies**;
- ❖ Provides **support** and **growth opportunities** for gifted students.

Teaching & Learning Strategy

Enablers Key Attributes

Enabler 5: Student



Enabler 5: Student – Key Attributes

Enabler 5:

Student



The student key attributes embodies essential competencies which drive success during and after the years of study.

Enabler 5: Student – Key Attributes

Enabler 5: Student



Strong Knowledge & Intellect

Emotionally Intelligent

Creative, Critical Thinker &
Problem Solver

Dynamic Team Member

Life-Long Learner with a
Growth Mindset

Digitally Capable

Meta-Cognitive Learner

Leadership Readiness

Effective Communicator

Socially Responsible

Enabler 5: Student – Key Attributes

Enabler 5:

Student



Strong Knowledge & Intellect

Students at PNU

- ❖ Must aim to have **strong knowledge** and **intellect** as a **foundation** for their skills, abilities, attitudes, behaviors, and competencies;
- ❖ Work to achieve **deep learning**, engaging in cognitive and socio-emotional mental processes, taking part in challenging tasks, and meeting expectations of cognitive function.

Enabler 5: Student – Key Attributes

Enabler 5:

Student



Creative, Critical Thinker & Problem Solver

Students at PNU

- ❖ Are expected to **grow** their **critical** and **creative thinking** skills;
- ❖ Must employ **reason**, **logic**, and **imagination** in order to stimulate innovation and demonstrate originality both in and beyond school;
- ❖ Are not expected to be technology experts, but to have acquired an **appropriate skill set** to deal with **digitalization** such as critical thinking and problem solving that can be contextualized to different situations and disciplines;
- ❖ Should not only acquire subject-matter knowledge, but process, interpret and **use knowledge** in different scenarios to **analyze issues** and make informed decisions through a logical and methodical approach.

Enabler 5: Student



Enabler 5: Student – Key Attributes

Life-Long Learner with a Growth Mindset

Students at PNU

- ❖ Should strive to be **learners for life**;
- ❖ Should be **self-motivated** to continuously pursue knowledge and new skill sets and be able to advocate for new opportunities;
- ❖ Must pursue a **growth mindset** that is open-minded to the dynamic nature of the world.

Enabler 5: Student – Key Attributes

Enabler 5:

Student



Metacognitive Learner

Students at PNU

- ❖ Are expected to have the skill to not only recollect information but rather **reflect** on what they learned;
- ❖ Must engage in **metacognitive thinking** to encourage adaptability and creativity by reflecting on their own learning and thinking about why they are learning a particular strategy or formula.

Enabler 5: Student – Key Attributes

Enabler 5:

Student



Effective Communicator

Students at PNU

- ❖ Are expected to be **effective communicators**, and be able to articulate thoughts and ideas clearly and effectively in written and oral forms;
- ❖ Should aim to **seek opportunities** to practice public speaking skills, deliver ideas to others, and write and edit memos and complex technical reports clearly and effectively.

Enabler 5: Student – Key Attributes

Enabler 5:

Student



Emotionally Intelligent

Students at PNU

- ❖ Should develop **emotional intelligence** to help them navigate complex challenges in their new careers;
- ❖ Should always try to understand their own emotions and those of others as a means to **improve** their **communication** and **decision making**.

Enabler 5: Student – Key Attributes

Enabler 5:

Student



Dynamic Team Member

Students at PNU

- ❖ Are expected to work and **collaborate** with a vast and diverse pool of both colleagues and/or clients;
- ❖ Should be able to **demonstrate their ability** to negotiate, resolve conflict and have a well-rounded team mentality;
- ❖ Should seek **team building opportunities** throughout their studies, group projects, and team-based extra-curricular activities.

Enabler 5: Student – Key Attributes

Enabler 5:

Student



Digitally Capable

Students at PNU

- ❖ Are expected to grow their **digital literacy** which is needed to advance their knowledge with and approach to innovation;
- ❖ Should be able to **leverage current digital technologies** efficiently to solve problems and complete tasks;
- ❖ Should be able to **effectively adapt to new technologies** as they emerge and be willing to continue learning as new tools continue to evolve.

Enabler 5: Student – Key Attributes

Enabler 5:

Student



Leadership Readiness

Students at PNU

- ❖ Are expected to grow some **leadership qualities** throughout their years of study;
- ❖ Should focus not only on how to achieve their goal, but rather on how to **achieve a common goal**;
- ❖ Should focus on recognizing the strength of others and be able to **influence** and **motivate** a team.

Enabler 5: Student – Key Attributes

Enabler 5:

Student



Socially Responsible

Students at PNU

- ❖ Should **strive to fulfil** their individual goals as well as goals that benefit society as a whole;
- ❖ Are expected to be **socially responsible individuals**, embodying essential values such as accountability, social and environmental responsibility, and a strong sense of civic duty.

