Module Synopsis

Diploma in Design (Interior Design) / Work-Study Certificates leading to part-time Diploma in Design (Interior Design)

MC 1:	Certificate in Design Foundation	(180 hours)
1.	**BE0421 Design Fundamentals**	**(60 hours)**

In this module, students are introduced to the philosophies and processes of design in general, and interior design in specific. This module intends to scaffold students' learning process, providing more induction and exploration time for basic skills in design and creative processes before stepping into an interior design project proper, which requires comprehensive design development.

Students may also gain exposure to emerging technologies such as AI as supportive tools for research, ideation, and creative exploration. Additionally, sustainable design principles and green strategies may be introduced to encourage environmentally responsible approaches in early design thinking.

2.	**BE0422 Theory of Design**	**(60 hours)**

This module aims to investigate various contemporary issues affecting interior design as the springboard for theorizing. It advances the concept that theory can actuate design as well as design decision-making. Theorization emphasizes the process of explication, hence requires the act of critical enquiry, explaining, and developing approaches for design.

Students may also gain exposure to emerging technologies such as AI as supportive tools for design research and generating insights to inform theoretical approaches.

3.	**BE0423 Design Visualisation**	**(60 hours)**

The module emphasises on students acquiring foundational level of using manual and digital drawing techniques to produce basic orthographic drawings specific to interior design. Through various drawing exercises, students will practice and learn both analytical and expressive components of the drawing process. In turn, obtaining a good understanding of form, texture, proportion, perspective, tonal value and composition.

MC 2:	Certificate in Spatial Design (Fundamentals)	(180 hours)
1.	**BE0424 Principles in Spatial Planning**	**(120 hours)**

The module introduces basic design terminology, skills, and conceptualisation methodologies in relation to residential design. Students will explore the fundamental relation between the body and space and the size of our constructed environment. Students will also be equipped with basic spatial planning, design development, documentation, and communication techniques, which are integral to interior design.

Exposure to emerging tools such as AI for research and ideation may be introduced to support conceptual development and enhance design exploration. Sustainable design principles and strategies may also be considered to promote environmentally responsible spatial planning.

2.	**BE0425 Interior Design Communication 1- AutoCAD**	**(60 hours)**

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The module emphasises on students acquiring foundational level of using computer-aided software to produce orthographic drawings. Introduction to techniques in graphic-based software will also be taught to students to enable them to refine visual content in their presentation. Verbal presentation techniques are also introduced and closely integrated to their studio reviews and critiques.

MC 3:	**Certificate in Design Methods**	**(180 hours)**
1.	**BE0426 Design Methods**	**(90 hours)**

This module investigates design methods to conceptualise, translate, and manifest spatial experiences and sequences in response to a narrative for retail design. Students are required to understand the "narrative" and translate and design the user experience within physical constraints. Students will study design language, concepts of branding and marketing, their strategies, and understanding their effects on spatial design.

Students may also explore the use of AI-driven tools for research, trend analysis, and ideation to enrich narrative development and design strategies. Consideration of sustainable practices and green design approaches may be integrated to align with contemporary retail design trends.

2.	**BE0427 Interior Design Communication 2 - 3D Max**	**(90 hours)**

The module develops advanced understanding of 3D interior renderings, walkthroughs and animations to present interior design projects effectively. Students are also exposed to complex digital presentation techniques and develop skills in visual composition and graphic design communication. Students will use these skills for presentation and documentation of their design projects.

MC 4:	**Certificate in Project Management***	**(180 hours)**
1.	**BE0428 Project Management**	**(60 hours)**

This module is an introduction to a practice-oriented interior design training that develops students with the relevant management and productivity tools, practical skills, and knowledge to apply into their working life as a designer. Students will be introduced to pre-contract administration procedures for understanding the planning and management of projects, whilst being exposed to codes of practices, professional practices, productivity concepts, and expectations in the Interior Design industry.

Students may also gain exposure to emerging technologies such as AI as supportive tools for research, data analysis, and productivity enhancement in project planning and management.

2.	**BE0429 Materials, Detailing & Costing**	**(120 hours)**

The module focuses on processed/synthetic materials as finishes for interior surfaces, as well as furniture and furnishings in the context of workplace design settings. Students explore and discover the effect of design poetics of materials in conditioning office and workspaces, as well as considerations on cost, performance, and specifications. They also learn detailing techniques towards enhancing spatial experiences.

AI-based resources may be introduced to assist in material research, cost estimation, and generating innovative detailing ideas. Students will also be exposed to sustainable material selection and strategies to reduce environmental impact while maintaining design integrity.

MC 5:	**Certificate in Spatial Design (Advanced)***	**(180 hours)**
1.	**BE0430 Spatial Design**	**(90 hours)**

The module investigates the issues of spatial experiences and sequences in relation to hospitality design. Students are required to understand the "Client's" brief and do contextual mapping and analysis to understand physical constraints (including physical, socio-cultural, and economic patterns). Students study concepts and articulate strategies to apply and understand their effects on spatial design and overall experience.

AI tools may be leveraged for contextual research, data analysis, and ideation to support informed design decisions and creative solutions. Sustainable design strategies and green practices may also be incorporated to create environmentally conscious hospitality spaces.

2.	**BE0431 Interior Design Communication 3 - BIM**	**(60 hours)**

The module develops in students a working understanding of Building Information Modelling (BIM) software as well as advanced modelling and animation, which is used by the building industry. Students are also equipped with a fundamental working knowledge of advanced 3D software used for generating complex spatial manifestations in experimental design and presentation.

3.	**BE0432 Portfolio for Interview**	**(30 hours)**

The module aims to provide the opportunity for students to conduct an intensive investigation and development of a personal portfolio designed to best present their works in a highly professional and visually compelling manner. At the end of the module, students should have an impressionable, professional design portfolio that allows them to remain competitive and distinctive in the industry.

Students may also gain exposure to emerging technologies such as AI as supportive tools for design research, ideation, and enhancing the creative process in crafting a distinctive and impactful portfolio.

* For the WSP Programme (WSP-DDID):

- Students are only required to complete MC 4 and MC 5.

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- For OJT modules:
    - Under MC 4: BE0428 Project Management will be replaced with BE0428-A Project Management (Practicum)
    - Under MC 5: BE0431 Interior Design Communication 3 – BIM will be replaced with BE0431-A Interior Design Communication 3 – BIM (Practicum)
- Students have the option to complete the three (3) additional MCs for the award of a Diploma in Design (Interior Design) (DDID).