

Bachelor of Technology Program in Product Design Technology

General Information

Degree Designation : Bachelor of Technology Program in Product Design Technology

Total Credits : 138 credits

Graduate : 4 years

Academic Year

The academic calendar mostly consists of two semesters (Two-semester system). Each semester is not less than 15 weeks. The summer session is scheduled to meet the requirements of each

- 1 st semester : June - September
- 2 nd semester : November – February
- Summer semester : March – May

Course Structure

A : General Education Course

B : Major Course

C : Free Elective Course

A : General Education (30 credits)

1. Language and Communication (9 credits)

- Fundamental Course (6 credits) :

Course ID	Course name	Credits
1551001	Fundamental English	3(3-0-6)
1551002	English for Communication	3(3-0-6)

- Free Elective (3 credits) :

1541001	Thai Language Usage Skills	3(3-0-6)
1541002	Language and Communication for Specific Purposes	3(3-0-6)
1561001	Japanese for Communication	3(3-0-6)
1571001	Chinese for Communication	3(3-0-6)
1571002	Fundamental Chinese for Tourism	3(3-0-6)
1661001	Korean for Communication	3(3-0-6)
1691001	Fundamental Burmese	3(3-0-6)
1691002	Burmese for Communication	3(3-0-6)

2. Humanities (6 credits)

Course ID	Course name	Credits
1001003	Human Behavior and Self-Development	3(3-0-6)
1001005	Thinking and Decision Making Skill	3(3-0-6)
1511001	Ethics and Human Beings	3(3-0-6)
1511002	Facts of Life	3(3-0-6)
1521001	Buddhism	3(3-0-6)
1631001	Information for Study and Research	3(3-0-6)
2011001	Aesthetics of Visual Arts	3(3-0-6)
2051001	Aesthetics of Performing Arts	3(3-0-6)
2061001	Music Appreciation	3(3-0-6)
3501001	Leadership Development	3(3-0-6)
3501003	Personality Development and the Arts of Socializing	3(3-0-6)

3. Social Sciences (6 credits)

Course ID	Course name	Credits
2501001	History of Thai Society and Culture	3(3-0-6)
2501003	Public Mind and Civic Social Engagement	3(3-0-6)
2501004	Interdisciplinary Social Science for Development	3(3-0-6)
2501005	Kamphaeng Phet Studies	3(2-2-5)
2521001	Globalization and Localization	3(3-0-6)
2521002	ASEAN Studies	3(3-0-6)
2541001	Human Beings, Community, and Environment	3(3-0-6)
2541002	Local Resource Management	3(3-0-6)
2551002	Fundamental Knowledge on Thai Politics and Government	3(3-0-6)
2561001	Introduction to Laws	3(3-0-6)
3501004	Business Initiation	3(3-0-6)
3531001	Finance in Daily Life	3(3-0-6)
3541001	Entrepreneurship	3(3-0-6)
3591002	Sufficiency Economy	3(3-0-6)

4. Mathematics, Science, and Technology (6 credits)

Select courses in subjects 1. - 4. (3 credits)

Course ID	Course name	Credits
1161001	Sports and Recreation for Quality of Life	3(2-2-5)
1161002	Exercise for Health	3(2-2-5)
4001002	Science and Technology for Daily Life	3(3-0-6)
4001003	Environments and Natural Resources Conservation	3(3-0-6)
4071001	Health and Health Care	3(3-0-6)
4091001	Mathematics in Daily Life	3(3-0-6)
4091003	Mathematics and Decision Making	3(3-0-6)
4121001	Computer and Information Technology	3(2-2-5)
4121005	Website Design and Development	3(2-2-5)
4121006	Package Software for Application	3(2-2-5)
5001001	Agriculture in Daily Life	3(3-0-6)
5071001	Food for Health	3(3-0-6)
5501001	Technology in Daily Life	3(3-0-6)

B : Major Course (103 credits)

Core subjects (12 credits)

Course ID	Course name	Credits
5741101	Drawing the line	3(2-2-5)
5741105	Drawing Basics	3(2-2-5)
5741106	Fundamental Technology Practice	3(2-2-5)
5742107	Materials Science	3(2-2-5)

Major Requirement (78 credits)

Course ID	Course name	Credits
5741102	History Design	3(2-2-5)
5741103	Principles of Design	3(2-2-5)
5741104	Ergonomics for Product Design	3(2-2-5)
5741108	English for Industrial Product Development of Design	3(2-2-5)
5741201	Design Industries	3(2-2-5)
5741202	Industrial Product Drawing	3(2-2-5)
5741301	Introduction to Graphic Design	3(2-2-5)

Course ID	Course name	Credits
5742101	Photography & Post Process	3(2-2-5)
5742102	Computer for Aid Design	3(2-2-5)
5742103	Publishing Design and Advertising	3(2-2-5)
5742104	English for Presentations product design	3(2-2-5)
5742201	Industrial Design and Product within the House	3(2-2-5)
5742202	Thai National Identity Industrial Product Design	3(2-2-5)
5742303	Packaging Design	3(2-2-5)
5742304	Packaging for distribution	3(2-2-5)
5743101	Teaching in Art and Design	3(2-2-5)
5743102	Product Design Industry	3(2-2-5)
5743103	Consumer Behaviors in Product Design	3(2-2-5)
5743104	Model Making Technique	3(2-2-5)
5743105	Seminar in Product Design Technology	3(2-2-5)
5743201	Souvenir and Gift Design	3(2-2-5)
5743203	Furniture Design	3(2-2-5)
5743401	Technology Ceramics Preliminary	3(2-2-5)
5743402	Forming of Ceramics	3(2-2-5)
5744301	Web Development of Design	3(2-2-5)
5744701	Design Research	3(2-2-5)

Major Elective Course (6 credits)

Course ID	Course name	Credits
5741302	Printing Techniques	3(2-2-5)
5742301	Illustration for Design	3(2-2-5)
5742302	Design for Communication	3(2-2-5)
5743202	Jewelry Product Design	3(2-2-5)
5743204	Interior Design	3(2-2-5)
5743205	Metal Product Design	3(2-2-5)
5743206	Leather Product Design	3(2-2-5)
5743301	Computer for Animation	3(2-2-5)
5743302	Packaging Design for Transportation	3(2-2-5)
5744101	Quality Control Development of Products	3(2-2-5)
5744302	Multimedia Development of Design	3(2-2-5)

Professional Experience or Cooperative Education (7 credits)

Select a plan

Course ID	Course name	Credits
5744501	Preparation for Professional Experience	2(90)
5744502	Field Experience	5(450)
or		
5744601	Preparation Cooperative Education	1(45)
5744602	Cooperative Education	6(540)

C: Free Elective Course (6 credits)

Freely choose any courses provided by the university. The courses chosen must not have been taken before by the student and must not be the compulsory non-credit courses.