

## Category 3

### Course Structure, Courses and Credits

#### 1. Structure of the Course

**1.1 Number of Credits** (throughout the course)    **no less than 121 credits.**

#### 1.2 Course Structure

**1. 2.1 General Education Subjects**    **no less than 24 credits.**

1.2.1.1 Social Sciences and Humanities subject group    5 credits.

1.2.1.2 Language subject group    9 credits.

1.2.1.3 Science and Mathematics subject group    6 credits.

1.2.1.4 Physical Education and Recreation group    1 credits.

1.2.1.5 Interdisciplinary subject group    3 credits.

**1.2.2 Special Subjects**    **no less than 91 credits.**

1.2.2.1 Basic Professional Group    33 credits.

1.2.2.2 Compulsory professional group    33 credits.

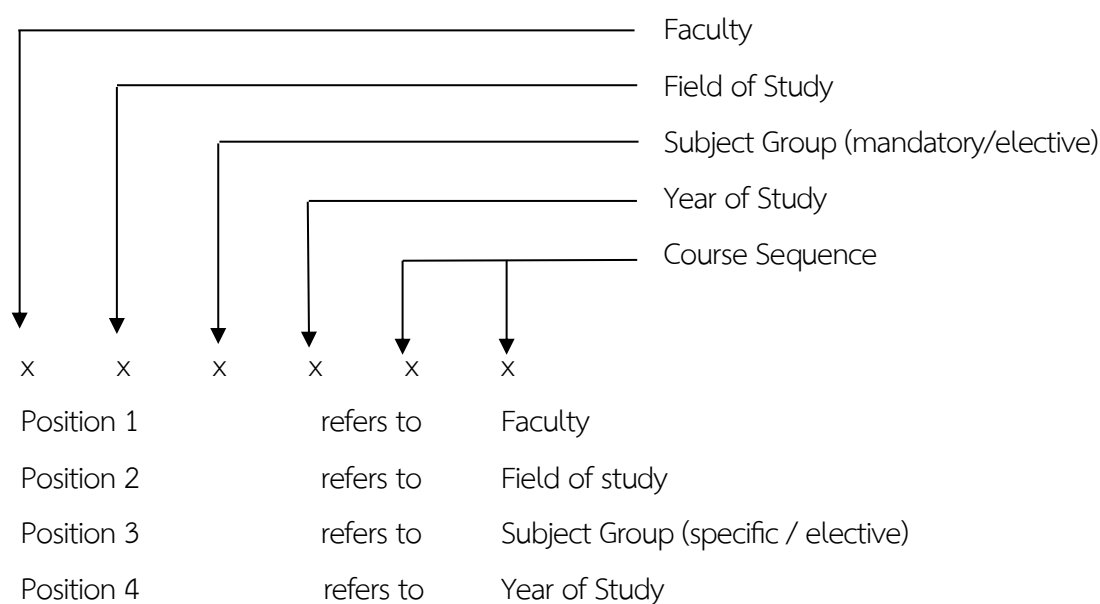
1.2.2.3 Elective Vocational Group    18 credits.

1.2.2.4 Subject group for building professional experience    7 credits.

**1.2.3 Free Elective Courses**    **no less than 6 credits.**

#### 1.3 Meaning of Course Code Numbers in the Curriculum

The course code designations used in the curriculum consist of a total of 6 numbers , which are classified according to the following chart.



Positions 5-6	refers to	Course Sequence
<b>The First Code Number</b>	refers to	Faculty
1	refers to	Faculty of Business Administration
2	refers to	Faculty of Engineering and Technology
3	refers to	Faculty of Hospitality and Tourism
5	refers to	Faculty of Public Administration
6	refers to	Faculty of Health Sciences
8	refers to	Graduate School
9	refers to	Faculty of Education
<b>The Second Code Number</b>	refers to	Field of Study / Subject Group
110xxx	refers to	Basic Professional Subject Group. Faculty of Business Administration
12xxxx	refers to	Field of Digital Business
13xxxx	refers to	Field of Marketing
15xxxx	refers to	Field of Management
16xxxx	refers to	Field of International Business Management
17xxxx	refers to	Field of Accountancy
210xxx	refers to	Group of Basic Professional Subjects. Faculty of Engineering and Technology
22xxxx	refers to	Field of Modern Automotive Technology
24xxxx	refers to	Field of Electrical Technology and Automatic Control Systems
26xxxx	refers to	Field of Energy and Logistics Engineering
28xxxx	refers to	Field of Aircraft Maintenance Engineering
29xxxx	refers to	Field of Digital Technology and Cybersecurity
310xxx	refers to	Group of Basic Professional Subjects. Faculty of Hospitality and Tourism
34xxxx	refers to	Field of Tourism and Service Innovation Management
36xxxx	refers to	Field of Study of Teaching English to People Who Speak Other Languages

510xxx	refers to	Group of Basic Professional Subjects. Faculty of Public Administration
52xxxx	refers to	Field of Public Administration
610xxx	refers to	Group of Basic Professional Subjects. Faculty of Health Sciences
62xxxx	refers to	Field of Public Health
63xxxx	refers to	Field of Occupational Health and Safety

In the general education section Faculty of Education Use the second code number to be 0 and followed by the third code number.

901 xxx	refers to	Social Sciences and Humanities Subject Group
902 xxx	refers to	Language Subject Group
903 xxx	refers to	Science and Mathematics Subject Group
904 xxx	refers to	Physical Education and Recreation Group
905 xxx	refers to	Interdisciplinary Subject Group

**The Third Code Number** refers to Subject Group

#### Bachelor's Degree

1	refers to	Course that is a Basic Professional Subject
2	refers to	Course that is a Specific Profession
3	refers to	Courses that are Elective Professions
4	refers to	Courses to Enhance Professional Experience

**The 4th Digit of the Code** refers to Year of Study

0	refers to	Subjects that can be Studied in Every Year Level
1	refers to	Subjects Studied in the First Year
2	refers to	Subjects Studied in the Second Year
3	refers to	Subjects Studied in Year 3
4	refers to	Subjects Studied in the 4th Year

**Note** for master's degree It may have other meanings according to each curriculum

**The 5th-6th Digits of the Code** refers to Course Sequence

xxxx01	refers to	1st Course of the Subject Group
xxxx02	refers to	2nd Course of the Subject Group

## 1.4 Subjects According to the Curriculum Structure

### 1. General Education Subjects

no less than 24 credits

#### 1.1 Inter Disciplinary Subject Group 3 credits

No.	Course code	Course	Credit	Note
1	905-105	Being Ideal STC Graduate	3(3-0-6)	First-year students will study in the first or second semester.

#### 1.2 Social Sciences and Humanities Subject Group 5 credits, Choose to Study

from the Following Subjects.

No.	Course Code	Course	Credit	Note
			N(T-P-F)	
1	901-101	Life Quality and Social Development	3(3-0-6)	
2	901-102	Society, Economy and Politics	3(3-0-6)	
3	901-103	Psychology for Personality Development	2(1-2-3)	
4	901-104	Ethics in Everyday Life	3(3-0-6)	
5	901-114	Personality Development	2(1-2-3)	
6	901-117	Life and Soft Skills Development	2(1-2-3)	

#### 1.3 Language Subject Group

9 credits

Choose to study from the following subjects.

##### 1.3.1 Courses in the Thai and English language groups

(Each course / field of study is given in the group of 3 credits of Thai language and 6 credits of English)

No.	Course code	Course	Credit	Note
			N(T-P-F)	
1	902-101	Thai Language and Culture	3(3-0-6)	
2	902-103	Thai Language for Communication	3(2-2-5)	
3	902-105	Art of Thai Speech	3(2-2-5)	
4	902-106	Thai Academic Reading and Writing	3(2-2-5)	
5	902-138	English in Everyday Life	3(2-2-5)	

No.	Course code	Course	Credit N(T-P-F)	Note
6	902-142	English Reading Comprehension	3(2-2-5)	
7	902-143	English for Careers	3(2-2-5)	
8	902-144	Basic English Writing	3(2-2-5)	

### 1.3.2 Courses in other foreign language subjects

(This subject group Organized for students to choose to study as free elective subjects only)

No.	Course code	Course	Credit N(T-P-F)	Note
1	902-120	Chinese for Communication in Daily Life	3(2-2-5)	
2	902-122	Japanese for Communication in Daily Life	3(2-2-5)	
3	902-124	Bahasa Malayu for Communication in Daily Life	3(2-2-5)	
4	902-125	Arabic for Communication in Daily Life	3(2-2-5)	
5	902-127	Korean for Communication in Daily Life	3(2-2-5)	
6	902-129	Russian for Communication in Daily Life	3(2-2-5)	
7	902-131	Lao for Communication in Daily Life	3(2-2-5)	
8	902-133	Burmese for Communication in Daily Life	3(2-2-5)	
9	902-135	Cambodian for Communication in Daily Life	3(2-2-5)	
10	902- 137	Vietnamese for Communication in Daily Life	3(2-2-5)	

### 1.4 Science and Mathematics subject group          6          credits

Choose to study in a group Science subject 3 credits and  
mathematics 3 credits from the following subjects

No.	Course code	Course	Credit N(T-P-F)	Note
1	903-103	Science and Environmental Issues	3(3-0-6)	
2	903-105	Electrical Energy and Electricity in Daily life	3(3-0-6)	
3	903-107	Renewable Energy Resources and the Environment	3(3-0-6)	
4	903-109	Fundamental Statistics in Everyday Life and Higher Education	3(3-0-6)	
5	903-111	Mathematics in Business World	3(3-0-6)	

No.	Course code	Course	Credit N(T-P-F)	Note
6	903-115	Creative Thinking and Innovation	3(3-0-6)	
7	903-116	Living in Digital Society and Digital Literacy	3(3-0-6)	
8	903-117	Man, Money and Math in Daily Life	3(3-0-6)	
9	903-118	General Mathematics for Cognitive Skills	3(3-0-6)	
10	903-119	Science and Logical Learning for Future Life	3(3-0-6)	
11	903-120	Observation and Experiment in the Natural and Social Sciences	3(2-2-5)	

**1.5 Physical Education and Recreation subject group 1 credit.** Choose to study from the following subjects.

No.	Course code	Course	Credit N(T-P-F)	Note
1	904-101	Physical Education and Recreation for Life Quality Development	1(1-0-2)	
2	904-103	Table Tennis for Health	1(0-2-2)	
3	904-106	Basketball for Health	1(0-2-2)	
4	904-107	E-sport, Board games and Strategies of Creation	1(0-2-2)	

**2. Specific subjects no less than 91 Credits**

**2.1 Basic professional group 33 Credits**

No.	Course Code	Course	Credit N(T-P-F)	Note
1	161-101	Principles of International Strategic Innovation Management	3(2-2-5)	
2	161-102	Principles of Marketing 6.0	3(3-0-6)	
3	161-103	International Business Law	3(2-2-5)	
4	161-104	Taxation, Innovation and the global Environment	3(3-0-6)	
5	161-105	Principles of Information Systems	3(3-0-6)	
6	161-206	Financial Accounting in the Digital Age	3(3-0-6)	
7	161-207	Innovative Finance and Technology	3(2-2-5)	
8	161-208	Statistics for Innovative Decision Making	3(3-0-6)	

9	161-209	Quantitative Methods in Digital Business Analysis	3(3-0-6)
10	161-210	International Business Research	3(2-2-5)
11	161-311	International Business Management	3(3-0-6)

## 2.2 Compulsory professional courses 33 credits.

No.	Course code	Course	Credit N(T-P-F)	Note
1	162-201	Innovative Business Policy and Strategy	3(3-0-6)	
2	162-202	Effective Project Management and Innovation	3(3-0-6)	
3	162-203	Integrated Online Marketing	3(3-0-6)	
4	162-204	Business Intelligence and Analytics	3(3-0-6)	
5	162-205	Economics and International Investment	3(3-0-6)	
6	162-306	Total Quality Management and Business Process Improvement	3(3-0-6)	
7	162-307	Cost Accounting for Global Business	3(3-0-6)	
8	162-308	International Human Resources Management	3(3-0-6)	
9	162-309	International Transportation Management	3(3-0-6)	
10	162-310	Global Supply Chain and Logistics Management	3(3-0-6)	
11	162-411	Cross-Cultural Management and Organizational Behavior	3(3-0-6)	

## 2.3 Elective Professional Group 18 Credits

Choose to study from the following subjects.

No.	Course code	Course	Credit N(T-P-F)	Note
1	163 -301	Management Accounting	3(3-0-6)	
2	163-302	Performance Measurement and Management Control	3(3-0-6)	
3	163-303	Digital Marketing	3(3-0-6)	
4	163-305	International Marketing	3(3-0-6)	
5	163-307	Business Negotiations	3(3-0-6)	

6	163-308	Financial Reports and Financial Statement Analysis	3(3-0-6)
7	163-309	Management Information System	3(3-0-6)
8	163-310	Leadership and Communication in International Projects	3(3-0-6)
9	163-311	Risk Management In Organization	3(3-0-6)
10	163-312	Seminar in International Business and Strategy	3(3-0-6)
11	163-313	Current Issues in International Business Management	3(3-0-6)
12	163-314	Export and Import Management	3(3-0-6)
13	163-315	Profit Planning and Control Management	3(3-0-6)

#### 2.4 Group of subjects to enhance professional experience 7 Credits

##### 2.4.1 For students who choose cooperative education 7 Credits

No.	Course code	Course	Credit N(T-P-F)	Note
1	164-401	Preparation for Cooperative Education	1(0-2-1)	
2	164-402	Cooperative Education	6(0-40-0)	

##### 2.4.2 For students who choose to complete professional experience 7 Credits.

No.	Course code	Course	Credit N(T-P-F)	Note
1	164-403	Preparation Project for Practicum	1(0-2-1)	
2	164-404	Project for Practicum	3(0-6-6)	
3	164-405	Practicum	3(0-40-0)	

### 3. Free elective courses 6 credits

Allow students to choose from courses offered in all faculties of Siam Technology College.