



# **2013 Curriculum for the Certificate of Vocational Education in Agriculture**

## **Agriculture Program**

### **Specializations:**

**Agriculture**

**Plant Science**

**Animal Science**

**Farm Mechanics**

**Agro-Industry**

**Aquatic Animal Production**

**Office of  
the Vocational Education Commission  
Ministry of Education**

# Program Structure

## 2013 Curriculum for the Certificate of Vocational Education in Agriculture

### Agriculture Program

The graduates of the Certificate of Vocational Education in Agriculture (Agriculture) must complete minimum 103 credits from different courses and participate in extracurricular activities as shown in the following structure.

<b>1. Life Skills Courses</b>	<b>minimum 22 credits</b>
1.1 Thai Language Courses	(minimum 3 credits)
1.2 Foreign Language Courses	(minimum 6 credits)
1.3 Science Courses	(minimum 4 credits)
1.4 Mathematics Courses	(minimum 4 credits)
1.5 Social Studies Courses	(minimum 3 credits)
1.6 Health Education and Physical Education Courses	(minimum 2 credits)
<b>2. Vocational Skills Courses</b>	<b>minimum 71 credits</b>
2.1 Basic Vocational Skills Courses	(18 credits)
2.2 Specialized Vocational Skills Courses	(24 credits)
2.3 Elective Vocational Skills Courses	(minimum 21 credits)
2.4 Vocational Skills Practical Experience	(4 credits)
2.5 Vocational Skills Development Project	(4 credits)
<b>3. Elective Courses</b>	<b>minimum 10 credits</b>
<b>4. Extracurricular Activities</b> (2 hours per week)	
<b>Total</b>	<b>minimum 103 credits</b>

**1. Life Skill Courses****minimum 22 credits**

In each group listed below, the first course is compulsory (except 1.6). The remaining credits can be selected from other courses within the group to meet the requirements. The chosen courses must be related to the program of study. The total credits should be at least 22.

**1.1 Thai Language Courses** (minimum 3 credits)

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-1101	Basic Thai	2 – 0 – 2
2000-1102	Thai for Careers	1 – 0 – 1
2000-1103	Business Thai	1 – 0 – 1
2000-1104	Speaking for Careers	1 – 0 – 1
2000-1105	Writing for Careers	1 – 0 – 1
2000-1106	Creative Thai	1 – 0 – 1
2000*1101 to 2000*1199	Courses in this range are additionally developed by the individual colleges or institutes.	* - * - *

**1.2 Foreign Language Courses** (minimum 6 credits)

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-1201	Real Life English 1	2 – 0 – 2
2000-1202	Real Life English 2	2 – 0 – 2
2000-1203	English Listening and Speaking 1	0 – 2 – 1
2000-1204	English Listening and Speaking 2	0 – 2 – 1
2000-1205	Reading Authentic Materials	0 – 2 – 1
2000-1206	Daily Writing	0 – 2 – 1
2000-1226	English for Agriculture	0 – 2 – 1
2000*1201 to 2000*1299	Courses in this range are additionally developed by the individual colleges or institutes.	* - * - *

**1.3 Science courses** (minimum 4 credits)

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-1301	Science for Life Skills	1 – 2 – 2
2000-1305	Science for Agriculture	1 – 2 – 2
2000-1306	Science Project	0 – 2 – 1
2000*1301 to 2000*1399	Courses in this range are additionally developed by the individual colleges or institutes.	* - * - *

**1.4 Mathematics Courses** (minimum 4 credits)

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-1401	Basic Mathematics	2 – 0 – 2
2000-1402	Basic Mathematics for Careers	2 – 0 – 2
2000-1405	Analytic Geometry and Basic Calculus	2 – 0 – 2
2000-1408	Experimental Statistics	2 – 0 – 2
2000*1401 to 2000*1499	Courses in this range are additionally developed by the individual colleges or institutes.	* - * - *

**1.5 Social Studies Courses** (minimum 3 credits)

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-1501	Civil Duties and Morals	2 – 0 – 2
2000-1502	Life Skills and Society	2 – 0 – 2
2000-1503	Geography and Thai History	2 – 0 – 2
2000-1504	ASEAN Studies	1 – 0 – 1
2000-1505	Current Affairs	1 – 0 – 1
2000-1506	ASEAN Culture	1 – 0 – 1
2000*1501 to 2000*1599	Courses in this range are additionally developed by the individual colleges or institutes.	* - * - *

**1.6 Health Education and Physical Education Courses** (minimum 2 credits)

Select any course(s) within this group for a total of not less than 2 credits.

**1.6.1 Physical Education Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-1601	Physical Education for Health Development	0 – 2 – 1
2000-1602	Life Skills for Health Development	0 – 2 – 1
2000-1603	Physical Fitness for Work	0 – 2 – 1
2000-1604	Self-Defense	0 – 2 – 1
2000-1605	Physical Education for Disabled	0 – 2 – 1

**1.6.2 Health Education Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-1606	Life Management for Happiness	1 – 0 – 1
2000-1607	Sexuality Education	1 – 0 – 1
2000-1608	Narcotic Education	1 – 0 – 1

**1.6.3 Integrated Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-1609	Skills for Healthy Behavior	1 – 2 – 2
2000-1610	Quality of Life Development	1 – 2 – 2

**2. Vocational Skills Courses****minimum 71 credits****2.1 Basic Vocational Skills Courses** (18 credits) All courses are compulsory.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2001-1001	Work Orientation	2 – 0 – 2
2001-2001	Computer and Information for Work	1 – 2 – 2
2500-1001	Agricultural Entrepreneurship	1 – 2 – 2
2500-1002	Energy and the Environment in Agriculture	1 – 2 – 2
2500-1003	Vocational Hygiene and Safety in Agriculture	1 – 2 – 2
2500-1004	Farmer Leadership Development	2 – 0 – 2
2501-1001	Principles of Agriculture	1 – 2 – 2
2501-1002	Agricultural Work Practice	0 – 4 – 2
2501-1003	Vocational Skills in Agriculture	0 – 4 – 2

- **Additional Basic Vocational Skills Courses**

Colleges and institutes can also provide the following courses under the Elective Vocational Skills Courses or Elective Courses.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2001-1002	Entrepreneurship	2 – 0 – 2
2001-1003	Energy and the Environment	1 – 2 – 2
2001-1004	Vocational Hygiene and Safety	1 – 2 – 2
2001-1005	Resource and Environment Conservation at Work	1 – 0 – 1
2001-1006	Labor Law	1 – 0 – 1
2001-1007	Work Safety	1 – 0 – 1

**2.2 Specialized Vocational Skills Courses** (24 credits) All courses are compulsory.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2001	Principles of Plant Science	1 – 2 – 2
2501-2002	Principles of Animal Husbandry	1 – 2 – 2
2501-2003	Introduction to Farm Mechanics	1 – 3 – 2
2501-2004	Introduction to Agro-Industry	2 – 0 – 2
2501-2005	General Fisheries	1 – 2 – 2
2501-2006	Soil and Water for Agriculture	1 – 2 – 2
2501-2007	Principles of Farm Management	2 – 0 – 2
2501-2008	Integrated Farming	1 – 2 – 2
2501-2009	Biological Substances for Agriculture	1 – 2 – 2
2501-2010	Computer Application for Work	1 – 2 – 2
2501-2011	Tractors and Agricultural Machinery 1	1 – 3 – 2
2501-2012	Driving	1 – 3 – 2

**2.3 Elective Vocational Skill Courses** (minimum 21 credits)

Select course minimum 16 credits from within one of the following specializations, including the production/service courses minimum 12 credits and the Project Courses related to those selected production/service courses minimum 4 credits. The remaining courses minimum 5 credits can be chosen from any other group within this section (2.3) to meet the credit requirement.

### 2.3.1 Agriculture

Select the production/service courses and the production/service project courses in Agriculture Program to meet the credit requirement.

- **Additionally Recommended Agricultural Production/Service Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2101	Modern Agriculture	2 – 0 – 2
2501-2102	Agricultural Promotion and Extension	1 – 4 – 3
2501-2103	Agricultural Product and Service Displays	1 – 4 – 3
2501-2104	Principles of Agricultural Marketing	1 – 2 – 2
2501*2101 to 2501*2169	Courses in this range are additionally developed by individual colleges or institutes according to the needs of the workplace or the regional strategies.	* - * - *

- **Production/Service Project Courses in Agriculture**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2170	Agricultural Promotion and Extension Project	0 – 4 – 2
2501-2171	Agricultural Product and Service Displays Project	0 – 4 – 2
2501*2170 to 2501*2199	Project courses in this range are additionally developed by individual colleges or institutes according to the needs of the workplace and or the regional strategies.	0 – 4 – 2

- **Dual Vocational Education (DVE)**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-5101	Agricultural Practice 1	* - * - *
2501-5102	Agricultural Practice 2	* - * - *
2501-5103	Agricultural Practice 3	* - * - *
2501-5104	Agricultural Practice 4	* - * - *
2501-5105	Agricultural Practice 5	* - * - *
2501-5106	Agricultural Practice 6	* - * - *
2501-51XX	Agricultural Practice ...	* - * - *

### 2.3.2 Plant Science

- **Plant Science Production/Services Courses**

Study 2501-2201 course and select other courses to meet the credit requirement.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2201	Soil and Fertilizer	1 – 2 – 2
2501-2202	Flower and Ornamental Plant Production	1 – 6 – 3
2501-2203	Vegetable Production	1 – 6 – 3
2501-2204	Fruit and Perennial Plant Production	1 – 6 – 3
2501-2205	Herbal Plant Production	1 – 6 – 3
2501-2206	Field Crop Production	1 – 6 – 3
2501-2207	Rice Production	1 – 6 – 3
2501-2208	Mushroom Production	1 – 6 – 3
2501-2209	Landscaping and Maintenance	1 – 6 – 3

- **Additionally Recommended Plant Science Production/Services Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2210	Plant Propagation	1 – 3 – 2
2501-2211	Soilless Cultivation	1 – 3 – 2
2501-2212	Orchid Culture	1 – 3 – 2
2501-2213	Cassava Cultivation	1 – 3 – 2
2501-2214	Sugarcane Cultivation	1 – 3 – 2
2501-2215	Para Rubber Cultivation	1 – 3 – 2
2501-2216	Oil Palm Cultivation	1 – 3 – 2
2501-2217	Mulberry Cultivation and Sericulture	1 – 3 – 2
2501-2218	Introduction to Tissue Culture	1 – 3 – 2
2501-2219	Container Gardening	1 – 3 – 2
2501*2201 to 2501*2269	Courses in this range are additionally developed by the colleges or institutes according to the needs of the workplace or the regional strategies.	* - * - *

- **Plant Science Production/Services Project Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2270	Flowers and Ornamental Plant Production Project	0 – 4 – 2
2501-2271	Vegetable Production Project	0 – 4 – 2
2501-2272	Fruit and Perennial Plant Production Project	0 – 4 – 2
2501-2273	Herbal Plant Production Project	0 – 4 – 2
2501-2274	Field Crop Production Project	0 – 4 – 2
2501-2275	Rice Production Project	0 – 4 – 2
2501-2276	Mushroom Production Project	0 – 4 – 2
2501-2277	Landscaping and Maintenance Project	0 – 4 – 2
2501*2270 to 2501*2299	Project courses in this range are additionally provided by the colleges or institutes according to the needs of the workplace or the regional strategies.	0 – 4 – 2

- **Dual Vocational Education (DVE)**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-5201	Plant Science Practice 1	* - * - *
2501-5202	Plant Science Practice 2	* - * - *
2501-5203	Plant Science Practice 3	* - * - *
2501-5204	Plant Science Practice 4	* - * - *
2501-5205	Plant Science Practice 5	* - * - *
2501-5206	Plant Science Practice 6	* - * - *
2501-52XX	Plant Science Practice ...	* - * - *

### 2.3.3 Animal Science

- **Animal Science Production/Services Courses**

Study 2501-2301 and 2501-2302 courses and select other courses to meet the credit requirement.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2301	Introduction to Animal Feeds	1 – 2 – 2
2501-2302	Introduction to Animal Sanitation	1 – 2 – 2
2501-2303	Poultry Raising	1 – 6 – 3
2501-2304	Swine Raising	1 – 6 – 3
2501-2305	Cattle Raising	1 – 6 – 3
2501-2306	Incubation and Hatchery Management	1 – 6 – 3

- **Additionally Recommended Animal Science Production/Services Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2307	Broiler Raising	1 – 3 – 2
2501-2308	Layer Raising	1 – 3 – 2
2501-2309	Native Raising Chickens	1 – 3 – 2
2501-2310	Ostrich Raising	1 – 3 – 2
2501-2311	Fattened Swine Raising	1 – 3 – 2
2501-2312	Imported Swine Raising	1 – 3 – 2
2501-2313	Beef Cattle Raising	1 – 3 – 2
2501-2314	Dairy Cattle Raising	1 – 3 – 2
2501-2315	Buffalo Raising	1 – 3 – 2
2501-2316	Goat and Sheep Raising	1 – 3 – 2
2501-2317	Rabbit Raising	1 – 3 – 2
2501-2318	Forage Crop Production	1 – 3 – 2
2501-2319	Butchering	1 – 3 – 2
2501*2301 to 2501*2369	Courses in this range are additionally provided by the colleges or institutes according to the needs of the workplace or the regional strategies.	* - * - *



- **Animal Science Production/Services Project Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2370	Animal Feed Production Project	0 – 4 – 2
2501-2371	Poultry Raising Project	0 – 4 – 2
2501-2372	Swine Raising Project	0 – 4 – 2
2501-2373	Cattle Raising Project	0 – 4 – 2
2501-2374	Incubation and Hatchery Management Project	0 – 4 – 2
2501*2370 to 2501*2399	Project courses in this range are additionally provided by the colleges or institutes according to the needs of the workplace or the regional strategies.	0 – 4 – 2

- **Dual Vocational Education (DVE)**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-5301	Animal Science Practice 1	* - * - *
2501-5302	Animal Science Practice 2	* - * - *
2501-5303	Animal Science Practice 3	* - * - *
2501-5304	Animal Science Practice 4	* - * - *
2501-5305	Animal Science Practice 5	* - * - *
2501-5306	Animal Science Practice 6	* - * - *
2501-53XX	Animal Science Practice ...	* - * - *

### 2.3.4 Farm Mechanics

- **Farm Mechanics Production/Services Courses**

Study 2501-2401 course and select other courses to meet the credit requirement.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2401	Practice in Farm Mechanics	1 – 6 – 3
2501-2402	Basic Drawing	1 – 3 – 2
2501-2403	Small Engines for Agriculture	2 – 3 – 3
2501-2404	Tractors and Agricultural Machinery 2	2 – 3 – 3
2501-2405	Metal Welding for Agriculture	2 – 3 – 3
2501-2406	Water Supply System for Agriculture	2 – 3 – 3
2501-2407	Electrical Work for Agriculture	2 – 3 – 3
2501-2408	Prime Movers and Power Transmission	2 – 3 – 3
2501-2409	Surveys for Agriculture	2 – 3 – 3
2501-2410	Constructions for Agriculture	2 – 3 – 3

• **Additionally Recommended Farm Mechanics Production/Services Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2411	Agricultural Equipment Development	1 – 3 – 2
2501-2412	Water Pumps	1 – 3 – 2
2501-2413	Drawing by Computer	1 – 3 – 2
2501-2414	Machinery for Aquaculture	1 – 3 – 2
2501-2415	Machinery for Animal Raising	1 – 3 – 2
2501-2416	Machinery and Equipment for Food Processing	1 – 3 – 2
2501-2417	Machinery in Food Processing Plants	1 – 3 – 2
2501*2401 to 2501*2469	Courses in this range are additionally developed by the colleges or institutes according to the needs of the workplace or the regional strategies.	* - * - *

• **Farm Mechanics Production/Services Project Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2470	Farm Mechanics Services Project	0 – 4 – 2
2501-2471	Small Farm Engine Services Project	0 – 4 – 2
2501-2472	Tractor and Farm Machinery Services Project	0 – 4 – 2
2501-2473	Agricultural Metal Welding Services Project	0 – 4 – 2
2501-2474	Agricultural Water Supply System Services Project	0 – 4 – 2
2501-2475	Agricultural Electricity Services Project	0 – 4 – 2
2501-2476	Agricultural Survey Services Project	0 – 4 – 2
2501-2477	Agricultural Construction Services Project	0 – 4 – 2
2501*2470 to 2501*2499	Project courses in this range are additionally provided by the colleges or institutes according to the needs of the workplace or the regional strategies.	0 – 4 – 2

• **Dual Vocational Education (DVE)**

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<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-5401	Farm Mechanics Practice 1	* - * - *
2501-5402	Farm Mechanics Practice 2	* - * - *
2501-5403	Farm Mechanics Practice 3	* - * - *
2501-5404	Farm Mechanics Practice 4	* - * - *
2501-5405	Farm Mechanics Practice 5	* - * - *
2501-5406	Farm Mechanics Practice 6	* - * - *
2501-54XX	Farm Mechanics Practice ...	* - * - *

### 2.3.5 Agro-Industry

- **Agro-Industry Production/Services Courses**

Study 2501-2501 and 2501-2502 courses and select other courses to meet the credit requirement.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2501	Product Management for Processing	1 – 2 – 2
2501-2502	Food Additives	1 – 2 – 2
2501-2503	Plant Products	1 – 6 – 3
2501-2504	Cereal Products	1 – 6 – 3
2501-2505	Rice Products	1 – 6 – 3
2501-2506	Mushroom Products	1 – 6 – 3
2501-2507	Herbal Products	1 – 6 – 3
2501-2508	Wine Production	1 – 6 – 3
2501-2509	Animal Products	1 – 6 – 3
2501-2510	Dairy Products	1 – 6 – 3
2501-2511	Aquatic Animal Products	1 – 6 – 3
2501-2512	Local Products and Wisdoms	1 – 6 – 3
2501*2501 to 2501*2569	Courses in this range are additionally developed by the colleges or institutes according to the needs of the workplace or the regional strategies.	* - * - *

- **Agro-Industry Production/Services Project Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2570	Plant Product Production Project	0 – 4 – 2
2501-2571	Cereal Product Production Project	0 – 4 – 2
2501-2572	Rice Product Production Project	0 – 4 – 2
2501-2573	Mushroom Product Production Project	0 – 4 – 2
2501-2574	Herbal Product Production Project	0 – 4 – 2
2501-2575	Wine Production Project	0 – 4 – 2
2501-2576	Animal Product Production Project	0 – 4 – 2
2501-2577	Dairy Product Production Project	0 – 4 – 2
2501-2578	Aquatic Animal Product Production Project	0 – 4 – 2
2501-2579	Local Product and Wisdom Production Project	0 – 4 – 2
2501*2570 to 2501*2599	Project courses are additionally developed by the colleges or institutes according to the needs of the workplace or the regional strategies.	0 – 4 – 2

- **Dual Vocational Education (DVE)**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-5501	Agro-Industry Practice 1	* - * - *
2501-5502	Agro-Industry Practice 2	* - * - *
2501-5503	Agro-Industry Practice 3	* - * - *
2501-5504	Agro-Industry Practice 4	* - * - *
2501-5505	Agro-Industry Practice 5	* - * - *
2501-5506	Agro-Industry Practice 6	* - * - *
2501-55XX	Agro-Industry Practice ...	* - * - *

### 2.3.6 Aquatic Animal Production

- **Aquatic Animal Production/Services Courses**

Study 2601-1001, 2501-2601 and 2501-2602 courses and select other courses to meet the credit requirement.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2601-1001	Fish Biology	2 – 2 – 3
2501-2601	Fish Breeding	1 – 6 – 3
2501-2602	Fish Culture	1 – 6 – 3
2501-2603	Shrimp Breeding	1 – 6 – 3
2501-2604	Shrimp Culture	1 – 6 – 3
2501-2605	Coastal Aquaculture	1 – 6 – 3
2501-2606	Economic Aquaculture	1 – 6 – 3
2501-2607	Ornamental Fish Culture	1 – 6 – 3
2501-2608	Aquatic Plant Propagation	1 – 6 – 3

- **Additionally Recommended Aquatic Animal Production/Services Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2511	Aquatic Animal Products	1 – 6 – 3
2601-1003	Aquatic Animal Product Management	1 – 3 – 2
2501*2601 to 2501*2669	Courses in this range are additionally developed by the colleges or institutes according to the needs of the workplace or the regional strategies.	* - * - *

- **Aquatic Animal Production/Services Project Courses**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2670	Fish Breeding Project	0 – 4 – 2
2501-2671	Fish Culture Project	0 – 4 – 2
2501-2672	Coastal Aquaculture Project	0 – 4 – 2
2501-2673	Economic Aquaculture Project	0 – 4 – 2
2501-2674	Ornamental Fish Culture Project	0 – 4 – 2
2501-2675	Aquatic Plant Propagation Project	0 – 4 – 2
2501-2676	Frog Raising Project	0 – 4 – 2

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-2677	Shrimp Breeding Project	0 – 4 – 2
2501-2678	Shrimp Culture Project	0 – 4 – 2
2501*2670 to 2501*2699	Project courses in this range are additionally developed by the colleges or institutes according to the needs of the workplace or the regional strategies.	0 – 4 – 2

• **Dual Vocational Education (DVE)**

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-5601	Aquatic Animal Production Practice 1	* - * - *
2501-5602	Aquatic Animal Production Practice 2	* - * - *
2501-5603	Aquatic Animal Production Practice 3	* - * - *
2501-5604	Aquatic Animal Production Practice 4	* - * - *
2501-5605	Aquatic Animal Production Practice 5	* - * - *
2501-5606	Aquatic Animal Production Practice 6	* - * - *
2501-56XX	Aquatic Animal Production Practice ...	* - * - *

For the Dual Vocational Education (apprenticeship) of minimum 21 credits, the college and the workplace together analyze the nature of the business of the workplace in order to determine the number of credits, appropriate courses in details, the occupational training plans, and the assessment and evaluation methods for the courses. The minimum total training time at the workplace is 54 hours, which is equivalent to 1 credit.

**2.4 Vocational Skills Practical Experience** (4 credits)

Select only 2501-8001 Work Practice or, alternatively, select 2501-8002 Work Practice 1 together with 2501-8003 Work Practice 2.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-8001	Work Practice	* - * - 4
2501-8002	Work Practice 1	* - * - 2
2501-8003	Work Practice 2	* - * - 2

**2.5 Vocational Skills Development Project** (4 credits)

Select only 2501-8501 Project or, alternatively, select 2501-8502 Project 1 together with 2501-8503 Project 2.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2501-8501	Project	* - * - 4
2501-8502	Project 1	* - * - 2
2501-8503	Project 2	* - * - 2

**3. Elective Courses****minimum 10 credits**

Courses can be chosen from the list below or from any area and program of study provided in the 2013 Curriculum for the Certificate of Vocational Education, according to students' aptitudes and interests. However, individual colleges and institutes can develop additional elective courses in relation to the local community needs and contexts.

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-9201	Bridging English	0 – 2 – 1
2000-9202	Internet English	0 – 2 – 1
2000-9203	English for Job Application	0 – 2 – 1
2000-9204	English Project Work	0 – 2 – 1
2000-9205	English Technical Terms	0 – 2 – 1
2000-9206	Chinese for Communication 1	0 – 2 – 1
2000-9207	Chinese for Communication 2	0 – 2 – 1
2000-9208	Japanese for Communication 1	0 – 2 – 1
2000-9209	Japanese for Communication 2	0 – 2 – 1
2000-9210	Korean for Communication 1	0 – 2 – 1
2000-9211	Korean for Communication 2	0 – 2 – 1
2000-9212	Vietnamese for Communication 1	0 – 2 – 1
2000-9213	Vietnamese for Communication 2	0 – 2 – 1
2000-9214	Bahasa Indonesia for Communication 1	0 – 2 – 1
2000-9215	Bahasa Indonesia for Communication 2	0 – 2 – 1
2000-9216	Burmese for Communication 1	0 – 2 – 1
2000-9217	Burmese for Communication 2	0 – 2 – 1
2000-9218	Khmer for Communication 1	0 – 2 – 1
2000-9219	Khmer for Communication 2	0 – 2 – 1
2000-9220	Lao for Communication 1	0 – 2 – 1
2000-9221	Lao for Communication 2	0 – 2 – 1
2000-9222	Bahasa Melayu for Communication 1	0 – 2 – 1
2000-9223	Bahasa Melayu for Communication 2	0 – 2 – 1
2000-9224	Filipino for Communication 1	0 – 2 – 1
2000-9225	Filipino for Communication 2	0 – 2 – 1
2000-9226	Russian for Communication 1	0 – 2 – 1
2000-9227	Russian for Communication 2	0 – 2 – 1
2000-9228	German for Communication 1	0 – 2 – 1
2000-9229	German for Communication 2	0 – 2 – 1
2000-9230	French for Communication 1	0 – 2 – 1
2000-9231	French for Communication 2	0 – 2 – 1
2XXX*9X01 to 2XXX*9X99	Courses in this range are additionally developed by individual colleges or institutes according to the needs of the workplace or the regional strategies or further studies.	* - * - *

**4. Extracurricular Activities**

(2 hours per week)

<b>Code</b>	<b>Title</b>	<b>T – P – C</b>
2000-2001	Rover Scout Activity 1	0 – 2 – 0
2000-2002	Rover Scout Activity 2	0 – 2 – 0
2000-2003	Vocational Organization Activity 1	0 – 2 – 0
2000-2004	Vocational Organization Activity 2	0 – 2 – 0
2000-2005	Vocational Organization Activity 3	0 – 2 – 0
2000-2006	Vocational Organization Activity 4	0 – 2 – 0
2000*2001 to 2000*20XX	Courses in this range are additionally developed or arranged by individual colleges, institutes or the workplace. This can be a military activity.	0 – 2 – 0