

DETAILED CURRICULUM & COURSE PROFILE OF

Diploma in Agriculture and Plantation Management (DAPM)

Prepared By



Faculty of Agriculture & Plantation Management
Wayamba University of Sri Lanka

THE STRUCTURE & THE CONTENT OF THE PROGRAMME

Code	Cluster	Course & the Modules	Credits	Sessions
Semester I				
DAPM 11013	A ANIMAL PRODUCTION	Livestock and Poultry Management <ul style="list-style-type: none"> • A1 - Role of Livestock and Poultry in Agriculture • A2 - Non-Ruminant Management • A3 - Ruminant Management 	3	6
DAPM 11024	B BUSINESS ENVIRONMENT	Economic & Marketing Environment of a Business <ul style="list-style-type: none"> • B1 – Fundamentals of Management • B3 – Principles of Economics • B2 – Principles of Marketing 	4	8
DAPM 11034	C CROP PRODUCTION	Agronomy of Crop Production Systems <ul style="list-style-type: none"> • C1 - Agronomic Practices • C2 - Commercial Plantation Crops • C3 - Field Crops and Export Agricultural Crops • C4 – Fruits, Vegetables & Floriculture 	4	8

DAPM 11042	DESIGN & TECHNOLOGY	Agricultural Technology & Operations Management <ul style="list-style-type: none"> • D1 - Water and Irrigation Management • D2 - Agricultural Machinery 	2	4
DAPM 11053	ENVIRONMENT MANAGEMENT	Managing Environment for Agriculture <ul style="list-style-type: none"> • E1 – Land and Soil Management • E2 – Pests Management • E3 – Disease Management 	3	6
Semester II				
DAPM 11063	FOOD MANUFACTURING	Agri-Food Product Manufacturing & Value Chain <ul style="list-style-type: none"> • F1 – Animal-based Food Processing and Logistics Management • F2 – Plant-based Food Processing and Logistics Management • F3 – Postharvest and Food Quality Management 	3	6
DAPM 11072	GENERAL COMPETENCY	QT and ICT for Agriculture and Plantations Management <ul style="list-style-type: none"> • G1 - Data Analysis, Interpretation & Reporting • G2 – Use of ICT in Agriculture 	2	4

DAPM 11082	GENERAL COMPETENCY	Policy Environment and Trends in Agriculture & Plantation Management <ul style="list-style-type: none"> • G4 - Policy Environment for Agriculture & Plantation Management • G5 - Emerging Trends and Perspectives in Agriculture 	2	4
DAPM 11092	HIGHER-ORDER PROFESSIONAL SKILLS	Professional Skills Development <ul style="list-style-type: none"> • H1 – Expert Seminar - Personal and Professional Development of Knowledge, Skills, Attitudes and Mind-set • H2 – Student Seminar Presentations 	2	2
DAPM 11105	HIGHER-ORDER PROFESSIONAL SKILLS	Capstone Project - Portfolio Development To provide the student with the opportunity to study in depth in every course he/she has followed and create an ordered exposition of what he/she has learned throughout the Diploma program. This will enable to integrate and extend knowledge and skills already acquired in this course to enhance his/her self-management skills.	5	
		Total	30	48

Course Specifications

Course Code	DAPM 11013			Course Title	Livestock and Poultry Management		
Level	3	Semester	1	Credits	03	Theory (hr)	30
						Practical (hr)	30
						Independent Learning (hr)	50

Aim of the Course:

To provide the students, the knowledge with techniques on animal husbandry and, thereby, to implement and acquire better farm productivity.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

1. Identify the present status, key constraints in Livestock and Poultry sectors in Sri Lanka.
2. Explain how to increase the farm productivity through implementation of proper management practices
3. Explain how housing systems are designed to different farm animals
4. To practice a clean milk production by following hygienic practices

Course Modules:

- **A1** – Role of Livestock (LS) and Poultry (P) in Agriculture
- **A2** – Non-Ruminant Management
- **A3** – Ruminant Management

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Sub Title/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
A1	Introduction to Animal Husbandry and Present Status in Sri Lanka	4	4	10	ITS / LMS		1
A2.1	Poultry Management; Identification of Different Breeds of Poultry, Broiler Management (Feeding, Housing), Slaughtering & Processing of Broilers, Layer Management (Feeding, Housing), Formation and Structure of an Egg, Housing systems, Diseases in Broilers and Layers	8	13	10	ITS / LMS	Field visit Report	2,3,4
A2.2	Swine Management: Identification of Different Breeds of Swine, Management of Different Functional groups of Swine, Housing systems Common Diseases	5		10	ITS / LMS	Field Visit Report	2,3,4

A3.1	Identification of Different Breeds of Cattle, Buffalo, Goat and Sheep, Management of Cattle: New born Calf, Weaning, Calf Management, Heifer management and Breeding	6.5	13	10	ITS / LMS		2,3
A3.2	Pregnant and Lactating cow Management, Dry cow Management, Milking and Clean milk Production, Common Diseases, Cattle housing system	6.5		10	ITS / LMS		3, 4
<i>Total</i>		30	30	50			

Teaching Methodology:

- ITS: Interactive Teaching Sessions
- LSM: Lecture Support Material with Student Oriented Activities

Mode of Assessment:

- FVR: Field Visit Report (50% each)

References:

Title: A Textbook of Animal Husbandry
 Author: Banerjee, G.C.
 Publisher: Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi. India

Title: Livestock and Poultry Production Management and Planning
 Author: Nandan, R.
 Publisher: Anmol Publications (Pvt) Ltd, New Delhi. India

Course Code	DAPM 11024			Course Title	Economic & Marketing Environment of a Business		
Level	3	Semester	1	Credits	03	Theory (hr)	45
						Practical (hr)	30
						Independent Learning (hr)	125

Aim of the Course:

To provide the students with the knowledge on the principles of economics, marketing and business management to facilitate them with rational decision making on various activities along the agri-food value chain.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

1. Explain the fundamental management practices that makes a business successful.
2. Identify key stakeholders associated with agri-food value chain and the specific roles each and every participant plays to make it runs effectively.
3. Explain how resources are to be used to produce agri-food commodities rationally.
4. Explain the nature of different types of markets that are working with food and agricultural commodities in Sri Lanka

Course Modules:

- B1 – Fundamentals on Management
- B2 – Principles of Economics
- B3 – Principles of Marketing

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Sub Title/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
B1.1	Management Process; Role of a Manager; Managerial Decision-Making Process	7.5	6	20	ITS / LMS	GOP: Group Oral Presentation (Max. 8 students in a group)	1,2
B1.2	Organizational Designs; Leadership; Communication in a Business	7.5	6	20	ITS / LMS		1,2
B2.1	Consumer Behavior and Utility, Key Resources; Scarcity, Opportunity Cost; Demand and Supply of Agricultural Commodities	7.5	6	20	ITS / LMS		3
B2.2	Firm, Production and its Cost decisions in the Short and Long Run; Role of Market, Government and Judiciary in Food Markets	7.5	6	20	ITS / LMS		3,4

B2.3	Macroeconomic Environment on Business Decision Making	7.5	6	20	ITS / LMS		3,4
B3.1	Marketing Mix, Marketing Environment; Marketing Strategy and Planning	7.5	6	20	ITS / LMS	PGP: Poster-based Group Presentations (Max. 6 students in a group)	2
B3.2	Agri-Food Value Chains and International Food Marketing	7.5	6	20	ITS / LMS		2,4
B3.3	Customer Relationships and Service Marketing	7.5	6	25	ITS / LMS		2,4
<i>Total</i>		45	30	125			

Teaching Methodology:

- ITS: Interactive Teaching Sessions
- LSM: Lecture Support Material with Student Oriented Activities

Mode of Assessment:

- GOP: Group Oral Presentations using MS-Power-Point® on the topic assigned (50%)
- PGP: Poster-based Group Presentations (50%)

References:

Title: Microeconomic theory concepts & connections
Author: [Wetzstein, Michael E](#)
Publisher: Australia South-Western

Title: Fundamental of Management
Author: Robbins, Stephen P., Mary K. Coulter, and David A. DeCenzo
Publisher: Pearson higher education

Title: Principles of Marketing
Author: Philip, Kotler
Publisher: Pearson higher education

Course Code	DAPM 11034			Course Title	Agronomy of Crop Production Systems		
Level	3	Semester	1	Credits	04	Theory (hr)	45
						Practical (hr)	30
						Independent Learning (hr)	125

Aim of the Course:

To provide the students with the knowledge on the fundamental concepts, principles and technologies in the practices of crop production and agronomy to facilitate them with basic decision making on crop production activities.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

1. Identify suitable crops and regions for cropping systems according to the prevailing agro-climate.
2. Explain the importance of correct crop establishment and crop management practices to maximize crop production
3. Describe the major steps in cultivation and processing of major plantation crops, export agricultural crops, and major field crops
4. Describe the appropriate cultivation technologies of economically important vegetables, fruits and floricultural crops to maximize their production

Course Modules:

- **C1** – Agronomic Practices
- **C2** – Commercial Plantation Crops
- **C3** – Field Crops and Export Agricultural Crops
- **C4** – Fruits, Vegetables & Floriculture

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Sub Title/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
C1.1	Crop Categories and Classification; Climatic Zones and Agro-Ecological Regions; Cropping Systems; Land Use Patterns in Agriculture	7.5	6	20	ITS / LMS	CSA: Case Study-based Assignment	1,2
C1.2	Land Preparation; Planting Material Production; Crop Establishment; Principles of Crop Management	7.5	6	20	ITS / LMS		1,2
C2.1	Agronomic practices of tea, rubber and coconut	7.5	6	20	ITS/LMS	CSA: Case Study-based Assignment	3
C2.2	Processing technologies of tea, rubber and coconut	7.5	6	20	ITS/LMS		3
C3.1	Current Status of Field Crops Production; Basics of Field Crops	7.5	6	20	ITS / LMS		3

	Cultivation: Paddy, Other Cereals Pulses, Condiments, Oil Crops						
C3.2	Agronomic practices and processing technologies of export agricultural crops	7.5	6	20	ITS / LMS	GOP: Group Oral Presentation (Max. 5 students in a group)	3
C4.1	Introduction to Horticultural Crop Production; Vegetable Cultivation Technologies	7.5	6	20	ITS / LMS	PGP: Poster-based Group Presentation	4
C4.2	Fruit Crop Production; Cultivation of Floricultural Crops; Export and Industrial Potentials	7.5	6	20	ITS / LMS		4
<i>Total</i>		45	30	125			

Teaching Methodology:

- ITS: Interactive Teaching Sessions
- LSM: Lecture Support Material with Student Oriented Activities

Mode of Assessment:

- CSA: Case Study-based Assignments (50%)
- GOP: Group Oral Presentations using MS-Power-Point® on the topic assigned (25%)
- PGP: Poster-based Group Presentations (25%)

References:

Title: Horticulture: Principles and Practices
 Author: G. Acquah
 Publisher: Pearson Prentice Hall (2005)

Title: Handbook on Tea
 Author: A.K.N. Zoysa (Editor)
 Publisher: Tea Research Institute of Sri Lanka

Title: Handbook of Rubber Agronomy
 Author: L.M.K. Tillekeratne and A. Nugawela (Editors)
 Publisher: Rubber Research Institute of Sri Lanka

Title: Fruit and Vegetable Production in Warm Climates
 Authors: R.P. Rice, H.D. Tindall and L.W. Rice
 Publisher: Macmillan Educational Corp (1990)

Website: Crop Technology, Department of Agriculture, Sri Lanka [Online].
<https://doa.gov.lk/index.php/en/croptechnology>

Course Code	DAPM 11042			Course Title	Agricultural Technology and Operations Management		
Level	3	Semester	1	Credits	02	Theory (hr)	24
						Practical (hr)	12
						Independent Learning (hr)	80

Aim of the Course:

To provide knowledge and skills required for sustainable use of surface and ground water resources in agriculture through installing, operating and evaluating conventional and novel irrigation techniques, while ensuring the optimum utilization of energy sources and agricultural machinery in terms of selection, operation and maintenance.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

1. Describe fundamental concepts of sustainable water resources management and irrigation
2. Install, operate and evaluate conventional and novel irrigation methods.
3. Be familiar with the efficient use of farm power and energy sources and basic working principles of main agricultural machinery/equipment.
4. Evaluate the applicability of different farm machinery to enhance optimum use under different conditions.

Course Modules:

- D1 – Water and Irrigation Management
- D2 – Agricultural Machinery

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Sub Title/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
D1.1	Hydrological Cycle; Sustainable Management of Water Resources; Irrigation Scheduling; Crop Water Requirements, Irrigation Intervals and Irrigation Efficiency.	5	2	12	ITS / LSM	GOP (Maximum of 5 students per group)	1
D1.2	Conventional Irrigation Methods; Advanced Irrigation Techniques: Drip and Sprinkler Systems, Control & Maintenance of Irrigation Systems.	7	4	20	ITS / LSM / FV		2
D2.1	Farm Power and Energy Sources; Main Systems in Farm Tractors: Engine, Fuel and Air Cleaners, Lubrication, Cooling, Electrical and Ignition, Power Transmission and Hydraulic Systems.	8	2	30	ITS / FV / EWSBA	GFR (Maximum of 5 students per group)	3

D2.2	Farm implements: Land Preparation Implements, Seeders and Trans-planters, Water Pumps, Sprayers, Harvesting and Threshing Machines.	4	4	18	ITS / FP / FV / EWSBA		4
<i>Total</i>		24	12	80			

Teaching Methodology:

- ITS: Interactive Teaching Sessions
- LSM: Lecture Support Material with Student Oriented Activities
- FP: Field Practices
- FV: Field Visits
- EWSBA: Engineering Work Shop Based Actives

Mode of Assessment:

- GOP: Group Oral Presentations using MS-Power-Point® on the topic assigned (60%)
- GFR: Group Field Reports Based on Site Visits (40%)

References:

Title: Farm Machinery
 Author: Brian Bell
 Publisher: Old Pond Publishing Ltd., 6th Revised Edition (2016)

Title: Irrigation Management: Principles and Practices
 Author: Martin Burton
 Publisher: CABI Publishing (2013)

Course Code	DAPM 11053			Course Title	Managing Environment for Agriculture		
Level	3	Semester	1	Credits	03	Theory (hr)	45
						Practical (hr)	30
						Independent Learning (hr)	125

Aim of the Course:

To provide the students with the knowledge on the fundamentals of land, soil, pest and disease management to facilitate them with rational decision making on application of various techniques related with the crop management.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

1. Explain the role of land and soil resources
2. Explain different techniques of effective management of soil in agriculture
3. Identify the pest and disease damages in crops.
4. Select appropriate techniques for the management of pest and diseases of crops.

Course Modules:

- E1 – Land and soil Management.
- E2 – Pest Management.
- E3 – Disease Management.

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Sub Title/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
E1.1	Land and soil characteristics, their importance in agriculture	7.5	6	20	ITS / LMS	GOP: Group Oral Presentation (Max. 8 students in a group)	1
E1.2	Soil resource and its role in crop production Introduction to techniques in effective management of soil resource in agriculture	7.5	6	20	ITS / LMS		2
E2.1	Classification of pests; Life cycles of different pest groups and types of damages caused by common pests	7.5	6	20	ITS / LMS		3
E2.2	Techniques of pest management; Pest management technologies for different types of crops.	7.5	6	20	ITS / LMS		4
E3.1	Introduction to plant diseases; Symptoms and damages by different pathogen groups.	7.5	6	20	ITS / LMS		3

E3.2	Plant disease management methods; Disease management in different crops.	7.5	6	20	ITS / LMS	PGP: Poster-based Group Presentations (Max. 6 students in a group)	4
<i>Total</i>		45	30	125			

Teaching Methodology:

- ITS: Interactive Teaching Sessions
- LSM: Lecture Support Material with Student Oriented Activities

Mode of Assessment:

- GOP: Group Oral Presentations using MS-Power-Point® on the topic assigned (75%)
- PGP: Poster-based Group Presentations (25%)

References:

- Title: A framework for land evaluation
FAO Soils bulletin 32
- Author: Food and Agriculture Organization of the United Nations
ISBN 92-5-100111-1 (available online)
- Title: Concepts in Integrated Pest Management
Authors: Robert F. Norris, Edward P. Caswell-Chen and Marcos Kogan
Publisher: Prentice-Hall, USA
- Title: Introduction to Plant Diseases: Identification and Management
Authors: George B. Lucas, Lee Campbell
Publisher: Springer Publishing Company

Course Code	DAPM 11063			Course Title	Agri-Food Product Manufacturing & Value Chain		
Level	3	Semester	1	Credits	03	Theory (hr)	45
						Practical (hr)	30
						Independent Learning (hr)	125

Aim of the Course:

To provide the students with the knowledge on the principles of food processing with animal-based and plant-based raw materials, minimize the post-harvest losses to facilitate them with assuring the food safety and quality assurance on various activities along the agri-food value chain.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

1. Identify the food constituents and their role in the food industry.
2. Identify the appropriate technologies to process and preserve different agricultural produces.
3. Describe poultry and livestock based product processing.
4. Explain the reduction of postharvest losses and quality assurance.

Course Modules:

F1 – Animal-based Food Processing and Logistics Management
 F2 – Plant-based Food Processing and Logistics Management
 F3 – Postharvest and Food Quality Management

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Sub Title/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
F1.1	Food product processing-I; fruits and vegetable processing and value addition	7.5	6	20	ITS /-LSM	GOP: Group Oral Presentation (Max. 8 students in a group)	1,2
F1.2	Food product processing-II; Cereal and spices processing and uses	7.5	6	20	ITS / LSM		1,2
F2.1	Poultry product processing; egg and egg products; processing of poultry meat;	7.5	6	20	ITS / LSM		3
F2.2	Livestock product processing; Dairy and meat industry; Commercially important dairy product processing technology	7.5	6	20	ITS / LSM		3
F3.1	Fundamentals of postharvest physiology; Postharvest losses of agricultural products; Maturity and harvesting indices	7.5	6	20	ITS / LSM		5

F3.2	Assurance of food safety and quality in food industry	7.5	6	20	ITS / LSM	Field visit report	6
<i>Total</i>		45	30	125			

Teaching Methodology:

- ITS: Interactive Teaching Sessions
- LSM: Lecture Support Material with Student Oriented Activities

Mode of Assessment:

- GOP: Group Oral Presentations using MS-Power-Point® on the topic assigned (50%)
- FVR: Field visit report (50%)

References:

Title: Food Science
Author: Potter, Norman N
Publisher: India CBS publishers

Title: Handbook of food products manufacturing principles, bakery, beverages, cereals, cheese, confectionary, fats, fruits, and functional, foods
Author: Hui, Y.H.
Publisher: New Jersey John Wiley & Sons

Title: Crop post-harvest science and technology principles and practices
Author: Golob, Peter
Publisher: Australia Blackwell Publishing

Course Code	DAPM 11072			Course Title	QT and ICT for Agriculture and Plantations Management		
Level	3	Semester	II	Credits	02	Theory (hr)	15
						Practical (hr)	30
						Independent Learning (hr)	60

Aim of the Course:

To provide the students with the knowledge on the basic applied statistical methods and techniques together with ICT adoption in decision making that assures sustainable production and business in agriculture and plantation sectors.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

1. Describe what information/ data to be collected from populations choosing appropriate techniques
2. Carry out a simple data analysis, visualize data and interpret & report the results from the analysis
3. Explain the e-agriculture concepts and strategies.
4. Identify the factors that determine the adoption and use of information communication technologies in agriculture sector

Course Modules:

- G1 – Data Analysis, Interpretation & Reporting
- G2 – Use of ICT in Agriculture

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Sub Title/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
G1.1	Identification, sampling and collation of data for decision making	3	2	10	ITS / LMS	GCR: (Max. 8 students in a group)	1
G1.2	Visualize data using figures and tables	3	2	10	ITS / LMS		1,2
G1.3	Numerical summary measures and data analysis using combined statistics	3	2	10	ITS / LMS		2
G1.4	Data summary, analysis and interpretation using Microsoft Excel	0	6		ITS / LMS		1,2
G2.1	e-agriculture concept & strategy guide,	3	9	10	ITS / LMS	PGP: (Max. 6 students in a group)	3
G2.2	Mobile apps in agriculture, computer controlled devices in agriculture, factors limiting the ICT use in agriculture	3	9	10	ITS / LMS		3,4
Total		15	30	60			

Teaching Methodology:

- ITS: Interactive Teaching Sessions
- LSM: Lecture Support Material with Student Oriented Activities

Mode of Assessment:

- GCR: Group Case study Report (20 Pages maximum) (50%)
- PGP: Poster-based Group Presentations (50%)

References:

Title: Introductory Statistics (Textbook Equity Edition).
Author: OpenStax College.
Publisher: OpenStax College (Rice University), Houston, Texas 77005. SBN: 978-1-304-89164-8: Available on line at <https://textbookequity.org/>

Title: Basic business statistics: Concepts and applications
Author: Berenson, M., Levine, D., Szabat, K.A. and Krehbiel, T.C.
Publisher: Pearson higher education, AU.

Title: ICT IN AGRICULTURE
Author: World Bank Group
Publisher: World Bank Publications - ISBN: 978-1-4648-1023-7 (DOI: 10.1596/978-1-4648-1002-2)

Title: Advances in ICT in Agriculture
Author: Panda, C.K., Paswan, A. and Singh, S. R.
Publisher: New Delhi Publishers, New Delhi - SBN: 9789386453341

Course Code	DAPM 11082			Course Title	Policy Environment and Trends in Agriculture and Plantation Management		
Level	3	Semester	1	Credits	02	Theory (hr)	30
						Practical (hr)	20
						Independent Learning (hr)	80

Aim of the Course:

To introduce and critically discuss major economic, social, political, and environmental issues which interact with agriculture, the significance of these issues for agricultural policy with reference to current trends, perspectives, and implications for various facets of development of the country, in general, and agriculture and plantation sectors, in particular.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

1. Explain measurements and development indicators to assess the socio-economic development of Sri Lanka in relation to other countries.
2. Explain the role of human resources, technology, research and legal environment in the process of agricultural and plantation sector development.
3. Describe, by comparing & contrasting, different types of plans, programs, projects and strategies available to develop the plantation sector.
4. Analyze recent trends, perspectives, and emerging challenges to identify avenues for policy innovations for agriculture, environment, food and trade sub sectors.

Course Modules:

- G4 - Policy Environment for Agriculture & Plantation Management
- G5 - Emerging Trends and Perspectives in Agriculture

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Subtitle/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
G4.1	Introduction to theories, indicators, and measurements of agricultural and economic growth	7.5	5	20	ITS / LMS	Individual Assignment	1,2
G4.2	Introduction to agricultural and related policies in Sri Lanka	7.5	5	20	ITS / LMS	GOP: Group Oral Presentation (Max. 8 students in a group)	1,2
G5.1	Agricultural policy in a changing world: Trends and Perspectives	7.5	5	20	ITS / LMS		3,4
G5.2	Challenges, strategies and frameworks for agriculture and plantation sector development	7.5	5	20	ITS / LMS		3,4
Total		30	20	80			

Teaching Methodology:

- ITS: Interactive Teaching Sessions
- LSM: Lecture Support Material with Student Oriented Activities

Mode of Assessment:

- Individual Assignment (50%)
- GOP: Group Oral Presentations using MS-Power-Point® on the topic assigned (50%)

References:

Title: Agricultural Development Policy: Concepts and Exercises (2004)
Author: R.D. Norton
Publisher: Food and Agriculture Organisation - United Nations, Rome, and Chichester, U.K: John Wiley and Sons

Title: Agricultural Policies in Developing Countries (1999)
Author: F. Ellis
Publisher: Cambridge, UK: Cambridge University Press.

Course Code	DAPM 11092			Course Title	Professional Skills Development		
Level	3	Semester	II	Credits	02	Theory (hr)	20
						Practical (hr)	20
						Independent Learning (hr)	100

Aim of the Course:

The purpose of the module is to enable students to identify, understand, develop and articulate their key personal abilities in the context of their future career aspirations.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

5. Identify the personal and cognitive skills related to employment needs
6. Demonstrate the self-awareness and reflective thinking, leading to strategies for continuous development
7. Demonstrate the confidence and efficacy in presentations
8. Explain the ability of work collaboratively with others through effective interaction skills and responsible leadership

Course Modules:

- **H1** – Expert Seminar - Personal and Professional Development of Knowledge, Skills, Attitudes and Mind-set
- **H2** – Student Seminar Presentations

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Sub Title/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
H1.1	Employability and competency development	5	5	25	ITS / LMS	Icebreaker speech (IP)	1,2,3
H1.2	Self-awareness and personal effectiveness; Confidence; Personal values and ethics; Professionalism	5	5	25	ITS / LMS		1,2,3
H2.1	Conceptual and cognitive Skills; Critical thinking; Problem solving	5	5	25	ITS / LMS	GOP on the topic assigned	2,4
H2.2	Presentation and communication skills	5	5	25	ITS / LMS		4
<i>Total</i>		20	20	100			

Teaching Methodology:

- ITS: Interactive Teaching Sessions
- LSM: Lecture Support Material with Student Oriented Activities

Mode of Assessment:

- IP: Individual Oral Presentations using MS-Power-Point® (50%)
- GOP: Group Oral Presentations using MS-Power-Point® on the topic assigned (50%)

References:

Title: Professionalism: Skills for workplace success
Author: Anderson, L E and Bolt, S B
Publisher: Pearson

Course Code	DAPM 11105			Course Title	Capstone Project - Portfolio Development		
Level	3	Semester	II	Credits	05	Theory (hr)	00
						Practical (hr)	00
						Independent Learning (hr)	250

Aim of the Course:

To carry out an independent innovative project to integrate and extend knowledge and skills already acquired in this course to investigate a particular problem related to administration of a business. This facilitates the student to enhance his/her skills to work independently on an assigned area/topic and to search information to a depth, synthesize and evaluate the facts and figures, and present the outcome of such a process through an oral and written communication/s.

Intended Learning Outcomes:

On the successful completion of the course, the students should be able to:

1. Develop a major piece of original independent work
2. Apply the knowledge from their Diploma programme to research in a specific organizational setting
3. Specialize their learning in an area that is relevant and interest to them
4. Apply new skills appropriate to the professional setting in which they are working

Course Modules:

To provide the student with the opportunity to study in-depth in every course he/she has followed and create an ordered exposition of what he/she has learned throughout the Diploma program. This will enable to integrate and extend knowledge and skills already acquired in this course to enhance his/her self-management skills.

Session Breakdown & Learning Activities Summary:

Session No.	Session Title/Sub Title/s	No. of Hrs.			Teaching Method	Assessment Criteria	ILO Alignment
		T	P	IL			
	Capstone Project - Portfolio	00	00	250	LMS	Portfolio	1,2,3,4
<i>Total</i>		<i>00</i>	<i>00</i>	<i>250</i>			

Teaching Methodology:

- LSM: Lecture Support Material with Student Oriented Activities