

Diploma in Agriculture Technology – Livestock option

Graduates of the Program Can . . .	ILO Alignment
1. Can immediately begin competently working and participating in the management of a variety of livestock enterprises including but not limited to poultry, swine, dairy, beef, sheep, goats and equine.	1, 3, 6, 7, 8
2. Use their skills to competently milk in different environments	1, 2, 3
3. Properly use, care for and clean milking equipment	1, 3
4. Identify and describe signs of unhealthy livestock	1, 3
5. Use proper recordkeeping and management systems for the livestock enterprise	1, 3
6. Participate in the feeding and management of livestock	1, 3
7. Work in a safe manner being aware of livestock and equipment hazards and will know basic emergency procedures to follow in the event of a work place accident. Utilize their training in WHMIS (Workplace Hazardous Materials Information System) and MSDS (Material Safety Data Sheet) to better understand possible workplace hazards.	1, 3, 7
8. Identify and utilize breeding strategies for livestock	1, 2, 3, 7
9. Work with the farm forage production, use and management plan. Utilizing Good Agricultural Practices (GAP)	1, 2, 3, 9
10. Communicate effectively with peers, employers and the public.	5, 7, 8
11. Be employed in the agriculture support industries	3, 5, 8, 9
12. Understand and solve complex agriculture issues including business, ethical and environmental	1, 2, 4, 7, 8, 9
13. Understand, utilize and participate in agriculture research	1, 2, 3, 4, 6, 8, 9
14. Develop, implement and use a farm food safety plan utilizing components such as HACCP (Hazard analysis and critical control points)	1, 2, 3, 9
15. Develop, implement and use a sustainable farm plan, as well as an Environmental Farm Plan	1, 2, 3, 9
16. Use the modern skills gained from their practicum experience to improve their employability	2, 3, 6, 8

Diploma in Agriculture Technology – Horticulture option

Graduates of the Program Can . . .	ILO Alignment
1. Can immediately begin competently working and participating in the management of a variety of horticulture enterprises including but not limited to crop production/growing , agriculture support industry and research	1, 3, 6, 7, 8
2. Use their skills to competently solve problems in different areas of the business of plant production.	1, 2, 3, 4
3. Properly use and perform maintenance on horticulture tools and equipment including small engine, tractors, other larger motorized equipment as well as hand tools. Properly use laboratory equipment.	1, 3
4. Identify and understand disease, pest and weed problems and utilize preventative and curative tactics.	1, 2, 3, 4
5. Use proper recordkeeping and management systems for the horticulture enterprise	1, 3
6. Participate in the starting, managing and marketing of horticulture crops	1, 2, 3, 5, 9
7. Work in a safe manner being aware of growing environment and equipment hazards and will know basic emergency procedures to follow in the event of a work place accident. Utilize their training in WHMIS (Workplace Hazardous Materials Information System) and MSDS (Material Safety Data Sheet) to better understand possible workplace hazards.	1, 3, 7
8. Identify and utilize Integrated Pest Management or Integrated Crop Management Strategies utilizing most environmentally friendly measures.	1, 2, 3, 7, 8
9. Work with the best farm management plan as specified in Good Agricultural Practices (GAP) codes.	1, 2, 3, 9
10. Communicate effectively with peers, employers and the public verbally and in writing.	5, 7, 8
11. Be employed in the agriculture support industries	3, 5, 8, 9
12. Understand and solve complex agriculture issues including business, ethical and environmental	1, 2, 3, 4, 7, 8, 9
13. Understand, utilize and participate in agriculture research	1, 2, 3, 4, 6, 8, 9
14. Develop, implement and use a farm food safety plan utilizing components such as HACCP (Hazard analysis and critical control points)	1, 2, 3, 9
15. Develop, implement and use a sustainable farm plan, as well as an Environmental Farm Plan	1, 2, 3, 9
16. Use the modern skills gained from their practicum experience to improve their employability	2, 3, 6, 8

Certificate in Horticulture Crop Production & Protection

Graduates of the Program Can . . .	ILO Alignment
1. Can immediately begin competently working with and producing a variety of horticulture crops including but not limited to berry, vegetable, nursery and greenhouse products.	1, 3, 6, 8
2. Use their skills to competently solve problems in different areas of plant production.	1, 2, 3, 4
3. Properly use and perform maintenance on horticulture tools and equipment including small engine, tractors, other larger motorized equipment as well as hand tools. Properly use laboratory equipment.	1, 3
4. Identify and understand disease, pest and weed problems and utilize preventative and curative tactics.	1, 2, 3, 4
5. Use proper recordkeeping and management systems for the horticulture enterprise	1, 3
6. Participate in the starting, managing and marketing of horticulture crops	1, 2, 3, 5, 9
7. Work in a safe manner being aware of growing environment and equipment hazards and will know basic emergency procedures to follow in the event of a work place accident. Utilize their training in WHMIS (Workplace Hazardous Materials Information System) and MSDS (Material Safety Data Sheet) to better understand possible workplace hazards.	1, 3, 7
8. Identify and utilize Integrated Pest Management or Integrated Crop Management Strategies utilizing most environmentally friendly measures.	1, 2, 3, 7, 8
9. Work with the best farm management plan as specified in Good Agricultural Practices (GAP) codes.	1, 2, 3, 9
10. Communicate effectively with peers, employers and the public verbally and in writing.	5, 7, 8
11. Be employed in the agriculture support industries	3, 5, 8, 9
12. Use the modern skills gained from their practicum experience to improve their employability	2, 3, 6, 8

Certificate in Livestock Production	
Graduates of the Program Can . . .	ILO Alignment
1. Can immediately begin work and competently participate in a variety of livestock enterprises including but not limited to poultry, swine, dairy, beef, sheep, goats and equine.	1, 3, 6, 7, 8
2. Use their skills to competently milk in different environments	1, 2, 3
3. Properly use, care for and clean milking equipment	1, 3
4. Identify and describe signs of unhealthy livestock	1, 3
5. Use proper recordkeeping and management systems for the livestock enterprise	1, 3
6. Participate in the feeding and management of livestock	1, 3
7. Work in a safe manner being aware of livestock and equipment hazards and will know basic emergency procedures to follow in the event of a work place accident. Utilize their training in WHMIS (Workplace Hazardous Materials Information System) and MSDS (Material Safety Data Sheet) to better understand possible workplace hazards.	1, 3, 7
8. Identify and utilize breeding strategies for livestock	1, 2, 3, 7
9. Work with the farm forage production, use and management plan. Utilizing Good Agricultural Practices (GAP)	1, 2, 3, 9
10. Communicate effectively with peers, employers and the public.	5, 7, 8
11. Be employed in the agriculture support industries	3, 5, 8, 9
12. Use the modern skills gained from their practicum experience to improve their employability	2, 3, 6, 8

Certificate in Integrated Pest Management Essentials

Graduates of the Program Can . . .	ILO Alignment
1. Can immediately begin competently working with and producing a variety of horticulture crops including but not limited to berry, vegetable, nursery and greenhouse products	1, 3, 6, 8
2. Use their skills to competently solve problems in different areas of the business of livestock and plant production, in particular Integrated Pest Management strategies.	1, 2, 3, 4
3. Be familiar with pest monitoring tools and their use, including proper calibration of sprayers.	1, 3
4. Identify and understand disease, pest and weed problems and utilize preventative and curative tactics.	1, 2, 3, 4
5. Use proper recordkeeping and management systems for the agricultural enterprise	1, 3

Certificate in Current Agricultural Practices Essentials

Graduates of the Program Can . . .	ILO Alignment
1. Better understand complex current agriculture issues including business, ethical and environmental	1, 2, 4, 7, 8, 9
2. Develop, implement and use a farm food safety plan utilizing components such as HACCP (Hazard analysis and critical control points)	1, 2, 3, 9
3. Develop, implement and use a sustainable farm plan, as well as an Environmental Farm Plan	1, 2, 3, 9
4. Use the modern skills gained from their practicum experience to improve their employability	2, 3, 6, 8

Certificate in Berry Production Essentials

Graduates of the Program Can . . .	ILO Alignment
1. Can immediately begin competently working with a variety of horticulture crop enterprises including but not limited to berry production.	1, 3, 6, 8
2. Use their skills to competently solve problems in different areas of the business of plant production, as related to berry production specifically.	1, 2, 3
3. Properly use and perform maintenance on horticulture tools and equipment.	1, 3
4. Identify and understand disease, pest and weed problems and utilize preventative and curative tactics.	1, 2, 3, 4
5. Use proper recordkeeping and management systems for the horticulture enterprise	1, 3
6. Participate in the starting, managing and marketing of horticulture crops	1, 2, 3, 5, 9

Certificate in Field Vegetable Production Essentials	
Graduates of the Program Can . . .	ILO Alignment
1. Can immediately begin competently working and participating in the management of a variety of horticulture crop enterprises including but not limited to vegetable production.	1, 3, 6, 8
2. Use their skills to competently solve problems in different areas of the business of plant production, as related to vegetable production specifically.	1, 2, 3
3. Properly use and perform maintenance on horticulture tools and equipment	1, 3
4. Identify and understand disease, pest and weed problems and utilize preventative and curative tactics.	1, 2, 3, 4
5. Use proper recordkeeping and management systems for the horticulture enterprise	1, 3
6. Participate in the starting, managing and marketing of horticulture crops	1, 2, 3, 5, 9

Certificate in Milker Technician

Graduates of the Program Can . . .	ILO Alignment
1. Use their skills to competently milk in different environments	1, 2, 3
2. Properly use, care for and clean milking equipment	1, 3
3. Identify and describe signs of unhealthy animal	1, 2, 3, 4
4. Use milking recording and management systems for the dairy farms	1, 3
5. Participate in the feeding and management of dairy animals	1, 3
6. Work in a safe manner being aware of livestock and equipment hazards and will know basic emergency procedures to follow in the event of a work place accident. Utilize their training in WHMIS (Workplace Hazardous Materials Information System) and MSDS (Material Safety Data Sheet) to better understand possible workplace hazards.	1, 3, 7