

# Green

## CERTIFICATE

Agricultural Training

## APPRENTICE-STYLE AGRICULTURE TRAINING

APPRENTICESHIP-STYLE - WORKFORCE DEVELOPMENT - TRAINING PROGRAM



### WHAT'S IN IT FOR YOU:

- Earn up to (16) Grade 12 diploma credits per specialization completed
- Have fun learning more about agriculture in a practical, hands-on environment
- Increase your knowledge and skill level and gain valuable work experience
- Reach further educational goals; many post secondary agricultural institutions and scholarship programs look favorably upon Green Certificate involvement
- Explore career options in the agriculture industry
- Earn recognition for what you can already do on the farm
- Learn more about crops or animals, agriculture, machinery and farming operations
- Include the experience and training on your resume and add the certificate of completion to your portfolio

### STUDENT REQUIREMENTS:

- 15 years of age
- Enrolled in grades 10, 11 or 12
- AGR3000 - pre-requisite Farm Safety Course

### PROGRAM TIMELINE:

- In general, it takes about one year to achieve completion. In one year, the trainee will experience all of the seasons on a farming operation. Trainees are allowed up to three years to complete their training, if needed.

### STEPS FOR A TRAINEE:

- Attend an induction meeting
- Develop a training plan with your trainer
- Train on all the skills in the book
- Search out additional resources with your trainer to complete all skills (workshops, other producers, agri-businesses)
- Perform an on-farm test of skill competencies
- Communicate regularly with your school representative on your progress
- Attend regional training days when offered by your regional coordinator
- Attend the certification test at a regional test center when scheduled
- Turn in the test report forms to your school representative to receive your credits
- If incomplete, develop a further training plan with your trainer

### STEPS FOR TRAINERS/PARENTS:

- Attend an induction meeting
- Provide a work site with conditions that support the trainee's learning
- Develop a training plan with your trainee
- Mentor trainee on all skills
- Use the workbook as a training guide to develop best management practices
- Encourage and support finding additional resources
- Administer on-farm test with the trainee, signing off on the skill profile sheet when competency has been achieved.
- Support the trainee's attendance at regional certification tests
- Communicate with the school representative on the trainee's progress

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Alberta Agriculture and Irrigation (AID) works in partnership with the agriculture industry and Alberta Education (via the off campus education policy) to offer the **Green Certificate Program** to all Grade 10-12 Alberta High School Students. Trainees select a specialization and under the guidance of their trainer, work towards mastering all of the skills within their training program.

You will learn and master skills in one of the following specializations:

### GREENHOUSE

- Understand Basic Botany
- Establish and Maintain Proper Growing Conditions
- Prepare to Grow Plants Seed, Root and Transplant Propagation Material
- Identify Plant Problems
- Maintain Production Quality
- Market and Sell Products

### BEEKEEPING

- Handling Bees
- Maintaining Bee Health
- Operating Bee Equipment
- Beekeeping Business Planning

### EQUINE

- Production Cycles
- Handling, Behavior and Anatomy
- Facilities and Environment
- Maintain Equine Health
- Administer Nutritional Programs
- Business Management Practices

### FIELD CROP, IRRIGATED CROPS

- Fertilizing and Seeding
- Harvesting, Handling and Storing Grain and Crops
- Land Preparation, Field and Crop Care
- Operating and Servicing Equipment and Facilities
- Management Systems

### COW-CALF, FEEDLOT, SHEEP, SWINE, DAIRY

- Processing and Handling Systems
- Feeding Systems and Rations
- Waste Management and Sanitization
- Reproduction
- Management Systems

### POULTRY\*

- Industry Structure
- Bird Biology and Animal Welfare
- Handle Birds and Eggs
- Barn/Facility Systems
- Hatchlings, Chicks and Poults
- Prepare for Ship Out
- Clean and Maintain Facility

\*Choose from Broilers, Turkeys, Broiler Hatching Eggs or Table Eggs

### CONTACT:

Green Certificate Regional Coordinator:

CENTRAL REGION: Sarah R. [unclear] of [unclear]

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