

Apprenticeship Training What Is In it For Me ?

Green Certificate Trainees are:

- interested in developing or upgrading their skills
- concerned about improving their knowledge
- located where a commercially viable farm is available for training to occur

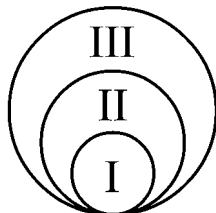
Green Certificate Trainers are:

- interested in developing their co-workers' skills
- committed to take the time to teach and be a coach
- knowledgeable in the chosen field of expertise

Employers of Green Certificate Trainees and Graduates are:

- supplying a training site for learning skills and applying knowledge
- ensuring productive work relationships
- managing for optimum profit

Green Certificate Trainees
receive **Workers'**
Compensation
Insurance
coverage at
No Cost



Receive up to 16
High School Credits

- The Green Certificate Program is recognized by Alberta Learning as two 5-credit training periods, and one 6-credit training period.
- For each of the three training periods (X, Y, Z), the Trainee's progress, ability and knowledge is monitored by their On-Farm Trainer, and assessed by a Green Certificate Regional Tester.
- During each of the three training period's testing events, the Trainee is asked to explain and perform five random skills by the Regional Tester.
- Competence in the training period is achieved when the Regional Tester certifies that the trainee's ability and knowledge meets the industry requirements.
- If the trainee is not successful in any of the five skills, they have the opportunity to return to their training farm, brush up on their skill level, and return to another regional testing event to try again, **without any academic penalty.**

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Dairy Technician

Green Certificate Program

*~ a blend of the interests
of Trainees, Trainers, and
Employers to improve the
overall standard of
performance in farming ~*



GREEN CERTIFICATE
LEVEL ONE

Certification gives participants valuable skills in:

Milking Cattle

- Operate the milking & milk handling equipment on a daily basis
- Perform routine servicing on milk & milk handling equipment
- Milk cows
- Operate milk sampling & recording equipment
- Demonstrate knowledge of cattle behavior & handle livestock of all ages
- Read & interpret milk quality reports

Maintain Sanitation

- Cleaning & sanitizing routine milking & milk handling equipment
- Cleaning routine of inside & outside livestock facilities
- Operate manure handling & storage equipment
- Demonstrate knowledge of storage structure gas hazards in silos & manure tanks
- Operate manure spreader on fields & roads

Caring For Calves

- Calf care routine from newborn to weaning
- Service & maintain calf rearing facilities
- Dehorn calves
- Tag & identify calves
- Remove extra teats from calves
- Perform castration by elastrator

Maintain Cattle Health and Breeding

- Demonstrate knowledge of common dairy cattle diseases & disorders
- Monitor & inspect stock for health & recognize signs of disorder
- Interpret labels, handle & administer basic medications
- Apply udder & teat treatment medications
- Recognize & treatment mastitis
- Inspect & monitor physical facilities for maintenance of proper environmental conditions
- Monitor calving situations & provide assistance
- Recognize & treat bloat
- Recognize & treat milk fever
- Detect a cow in heat/estrus
- Perform A.I. & manage on farm storage of semen

Feeding The Dairy Herd

- Supply adequate water to cattle & perform routine waterer service
- Operate the feeding system & carryout the feeding routine
- Operate & perform routine service in augers & conveyors
- Operate silo unloading equipment & perform routine service & maintenance

Operate Farm Equipment

- Safely operate, maintain & service:
 - farm tractors
 - front end loaders
 - silage blowers an auxiliary equipment
 - emergency standby generators
 - portable feed millers/mixers
 - trucks & tractors with equipment in tow
 - two & three axle farm trucks
- Follow safe & courteous road travel regulations
- Repair & maintain fences & corrals
- Safely use & select basic hand/shop tools
- Safely transport livestock

Personal Working Skills

- Manage your training & continuing education
- Effectively communicate & interact on the job
- Manage time effectively
- Demonstrate knowledge of personal financial principles (Optional)
- Manage your health & safety on the job
- Use a fire extinguisher & combat a small fire
- Perform basic first aid procedures
- Demonstrate knowledge use & care of farm equipment safety devices & features