KWAZULU-NATAL PROVINCE
AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

CEDARA COLLEGE
OF AGRICULTURE
YOUR FIRST CHOICE IN AGRICULTURAL EDUCATION AND TRAINING
1905-2026

Skills Training in Agriculture

ASD 2026

Inspiring New Hope



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AGRICULTURAL SKILLS DEVELOPMENT UNIT (ASD) OF CEDARA COLLEGE

Inspiring New Hope

AGRICULTURAL SHORT COURSES 2026/2027

KZN Department of Agriculture and Rural Development
Private Bag X6009, Hilton, 3245
Tel: 033 355 9304 ect: 9315
Email: shortcourses@cedara.ac.za



AGRICULTURAL SKILLS DEVELOPMENT
SHORT COURSE PROGRAMME

ENQUIRIES: College Reception: **033-355 9304**
Alternative Contact No: **082 821 6045**
Email: shortcourses@cedara.ac.za

VICE PRINCIPAL: ASD Ms. Thuli Sithole
Tel No: 033-355 9149

WEB: www.kzndard.gov.za

APPLICATIONS: cedara.studentmanager.co.za/apply

Agricultural short course booklet contains Non - Accredited Training Program:
Short courses are specialized classes that aim to teach specific knowledge and competencies in a short amount of time**.**

MORE DETAIL ON PURPOSE OF SHORT COURSE PROGRAMME ARE OUTLINED PER COURSE.

APPLICATION AND RESERVATION PROCEDURES:

- The medium of instruction will be in **English** (unless indicated otherwise)
- All reservations must be done via the online application ***AT LEAST THREE MONTH*** prior to course commencement. PLEASE NOTE: Applications will automatically close three months prior to the course.
- Persons without prior reservations and payments will be turned away.
- Applicants are advised to make direct deposits to Department of Agriculture and Rural Development Account **BUT ONLY** after confirmation from the coordinator.
  - Fees include training and training material. Light meals will be provided.
- Please bring your own stationery for example (pen, notebook). Please take note that a course details will indicate if a course requires specific stationery.
- Reservations will **ONLY** be made for applicants who have completed the online application and full payment made, following the confirmation by coordinator.

APPLICATION AND RESERVATION FOR KZNDARD EMPLOYEES

- Reservations by KZNDARD employees must be supported by their supervisor. A no-show for the learning program, will result in the employee being held accountable for the cost of the course.

Cancellation without a valid reason and provision of proof thereof, will not be acceptable. Training cost paid will be non-refundable.

PLEASE DO NOT DEPOSIT MONEY INTO THE DEPARTMENTAL ACCOUNT THAT IS PROVIDED WITHOUT A CONFIRMATION FROM THE CO-ORDINATOR. NOTE THAT THE MONEY IS NON-REFUNDABLE.

RULES AND GUIDELINES:

1. All courses start at 8:30 and finish at 16:00 on each day of the course. It is very important to be punctual.
2. A course may be cancelled if there are less than 10 learners.
3. A confirmation will be sent to clients before the course. If a confirmation has not been received, consider your application unsuccessful.
4. Confirmation of booking will be sent to the relevant people, upon request.
5. Please take note of the venue in advance.
6. A register will be circulated at random times during the course.
7. Please present your ID document at registration.
8. A certificate of competency will be issued to those courses participants who are found to be competent. Assessments are compulsory for all learners. If a course does not have assessment, and the full course is attended, a certificate of attendance will be issued.
9. Non-attendance at a course must be conveyed to the coordinator and facilitator of the course asap.
10. All cell phones must be switched off or on silent for the duration of the course.
11. Anyone arriving after 10am on the first day of the course will not be allowed to attend the course *(unless prior arrangements have been made for late arrival).*

APPLICATIONS: Please note: Online Applications are accepted.

If you are unable to apply online, please contact the coordinator and/or use phone numbers under enquiries.

On line application: cedara.studentmanager.co.za/apply

Banking Details**:**

Name of Account: KwaZulu-Natal Provincial Government-Agriculture

Name of Bank: ABSA

Branch Code: 632005

Account Number: 4121937097

Type of Account: Business Cheque Account

Reference No. 03026819 (very Important)

ACCOMMODATION:

No accommodation is available on Campus at Cedara College.

Please make arrangements for your own accommodation in advance.

Accommodation in the vicinity of Cedara is available at:

The Knoll Farm	076 555 5408
Anew Hilton Hotel	033 343 3311
Blue House Lodge	072 1226 553 0721857499
Abbots Cove B&B	033 343 2269 076 510 7596
Gate Side Guesthouse	033 343 1536

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KWAZULU-NATAL PROVINCE
AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM

APPLICATION DATE: _____

1. COURSE NAME _____

TRAINING DATE: _____

2. COURSE NAME: _____

TRAINING DATE: _____

3. COURSE NAME _____

TRAINING DATE _____

Name and Surname of Applicant: _____

Occupation of Applicant (**Compulsory**) _____

How do you hope to apply the knowledge acquired? _____

What are your expectations from attending the training course? _____

Any special dietary requirements (indicate with a tick) Yes _____ No _____

If yes, Specify for catering purpose _____

Applicant's signature _____

Applicant's contact details: Cell No. _____

Email Address. _____

(Below information is applicable to applicant employed by the Dept. of Agriculture and Rural Development).

Supervisor's Name: _____

Supervisor's signature: _____

Contact telephone number & Cell No's _____

Email Address. _____

Notes

HYDROPONICS

DATE:	**06 - 10 APRIL 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30AM**
COST:	**R 1090.00**
APPLICATIONS:	**LIMITED TO 20 APPLICANTS**

This course covers the following aspects:

- Site selection
- Growing systems
- Fertilizers: elements, mixing, bulk tank vs A and B, precipitation etc
- Growing media
- Fertigation controllers and irrigation scheduling
- Structures
- Temperature control
- Sanitation
- Safe use of chemicals
- Pests and diseases
- Gravel systems (suitable crops and management)
- Bag systems (suitable crops and management)
- Post-harvest handling of produce
- Marketing
- Economics

This course includes a full day of visits to hydroponics producers.



CALF REARING

DATE: **22 - 24 APRIL 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 2040.00**

APPLICATION: **LIMITED TO 20 APPLICANTS**

This course courses includes the following aspects.

- Preparation of housing
- Nutrition
- Milk replacer
- Management principles
- Marketing



PEANUT PROCESSING

DATE: **06 - 08 MAY 2026**

VENUE: **VALUE ADDING HOUSE 42, CEDARA**

COST: **R 1235.00**

APPLICATION: **LIMITED TO 12 APPLICANTS**

The course duration is 3 days that covers the theory and practical aspects of processing peanuts into various products.

The theory covers the following:

- Peanuts nutrition
- Food hygiene and safety

The practical involves making the following products:

- Peanut butter
- Baked products
- Sweets and confectioneries
- Smoothies / soup
- Cooked products
- Peanut butter
- Baked products
- Sweets and confectioneries
- Smoothies / soup
- Cooked products



BASIC BEEF PRODUCTION (DUNDEE)

DATE: **14- 15 MAY 2026**
VENUE: **DUNDEE RESEARCH STATION**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 1000.00**
APPLICATIONS: **LIMITED TO 30 APPLICANTS**

More clarity can be made by phoning 034-2122479 or P O Box 626, Dundee, 3000.

The course will deal with the following aspects:

- Nutrition - veld management/fodder/supplementation.
- Herd health
- Breeding practices
- General herd management practices
- Condition scoring and its implications
- Marketing of cattle
- Animal identification
- Financial management in beef farming



FARM RECORD-KEEPING

DATE: **19 - 22 MAY 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 1460.00**

APPLICATIONS: **LIMITED TO 20 APPLICANTS**

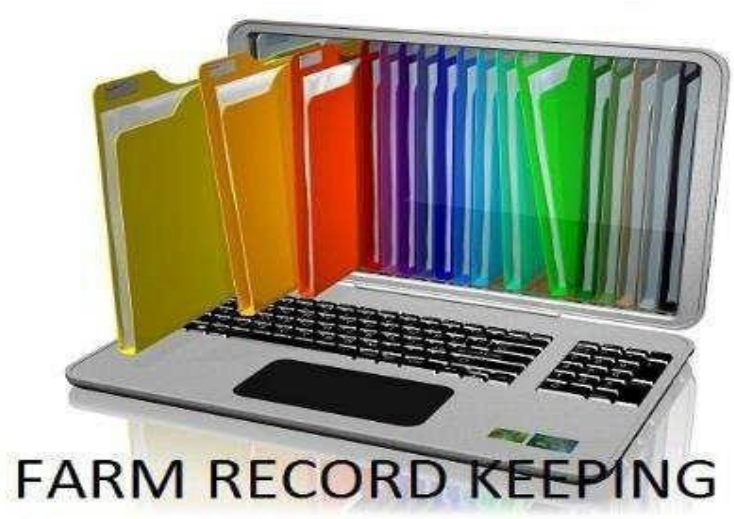
The aim of this course is to give participants the theoretical and practical knowledge required to keep the records needed to manage a farm business. The information acquired in this course will assist participants in better understanding the financial aspect of the *Farm Business Management Course.*

The course will consist of discussions and practical examples on the following topics: a) Planning a Farm Business; b) The Rationale & Use of Farm Records; c) The different types of Farm Records.

Learners must be competent in English and Arithmetic (read, write and do basic calculations), and be competent in the use of a calculator (which must be brought to the course).

It is <u>strongly</u> recommended that participants attend the Farm Record-Keeping course before registering for the Farm Business Management course.

REMEMBER TO BRING YOUR CALCULATOR



AGRICULTURAL CO-OPERATIVE MANAGEMENT

DATE:	**26 - 29 MAY 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30AM**
COST:	**R 880.00**
APPLICATIONS:	**LIMITED TO 20 APPLICANTS**

Co-operatives are autonomous organizations formed by individuals to address developmental needs within communities. This type of business form has been used world-wide by communities to address their developmental needs. In South Africa, cooperatives were promoted along the racial divide and within the Agricultural sector. Since the promulgation of the new Co-operative Act of 2005. The Department of Economic Development and Finance has developed a comprehensive co-operative promotion program that seeks to address these past disparities. This course aims at empowering co-operative members, extension staff and advisors on co-operative development by covering the following contents:

- General history of co-operatives
- Background of South African co-operatives
- What is a co-operative
- Co-operatives values
- Co-operatives principles
- Co-operatives as a business form ˅ Reasons for co-operative development ˅ How to form a co-operative?
- Causes of co-operative failure
- Co-operatives and rural development
- Co-operative development and incentives in KZN
- The role of the extension officer in co-operatives
- The role of the board of directors
- The management of co-operative



ADVANCED SOIL FERTILITY

DATE: **09 - 12 JUNE 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

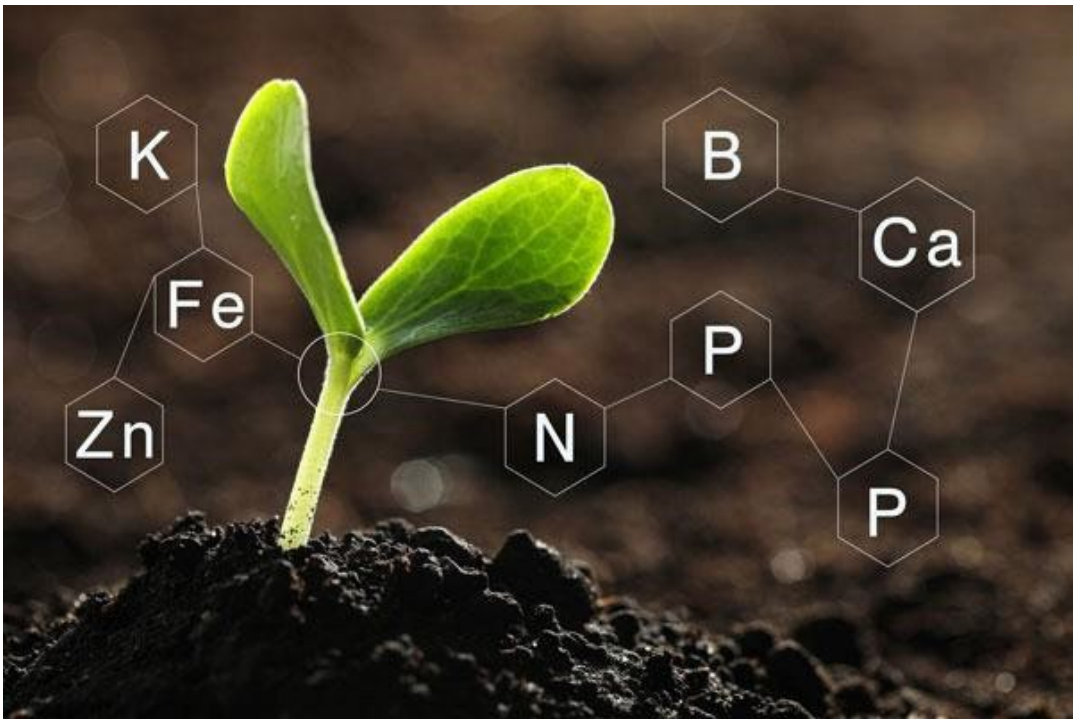
COST: **R 1320.00**

APPLICATIONS: **LIMITED TO 20 APPLICANTS**

A must for Farmers, Advisers, Extension Personnel and Students. This three-day course covers some of the principles of soil fertility and plant nutrition that affect decision-making with respect to fertilization and liming

- When does liming pay?
- Why should we test our soils?
- Why is nitrogen difficult to manage?
- How does phosphorus fixation affect my fertilization program?
- When should we use organic fertilizers?
- How do I interpret soil tests?
- How do I work out which fertilizers to buy?

We deal with these questions and many others in this intensive course, presented by scientists with a wealth of practical experience in soils and plant nutrition. The course involves talks, slide shows, calculation practical, and visits to field experiments.



CALF REARING

DATE: **24 – 26 JUNE 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 2720.00**

APPLICATION: **LIMITED TO 20 APPLICANTS**

This course courses includes the following aspects.

- Preparation of housing
- Nutrition
- Milk replacer
- Management principles
- Marketing



OYSTER MUSHROOM

DATE: **30 JUNE – 03 JULY 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 1450.00**

APPLICATION: **LIMITED TO 20 APPLICANTS**

This course courses includes the following aspects for mushroom production.

Planting

Mushroom substrate production

Daily management to achieve optimum yield

Recording of temperature and humidity

- Land preparation and planting methods
- Mushroom substrate production
- Daily management to achieve optimum yield
- Recording of temperature and humidity
- Spawn and Mushroom pack production
- Pest control, common diseases
- Management (Basic Housekeeping)
- Harvesting, Weighing and Recording of data



FARM BUSINESS MANAGEMENT

DATE: **07 – 10 JULY 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R1400.00**

APPLICATIONS: **LIMITED TO 20 APPLICANTS**

The aim of this course is to give participants the theoretical and practical knowledge needed to manage a farm business. Participants will be shown how to use the information (discussed in the Farm Record-Keeping Course) and techniques involved in the analysis, planning and control and a farm business.
The course will consist of discussions and practical examples on the following topics: (a) an overview of Farm Business Information; (b) calculation and interpretation of enterprise gross margins; (c) planning credit requirements: (d) partial budgets, whole farm budgets and cash-flow budgets; (e) machinery management and budgeting.

Learners must be competent in English and Arithmetic (read, write and do basic calculations), and be competent in the use of a calculator (which must be brought to the course).

It is <u>strongly</u> recommended that participants attend the Farm Record- Keeping course before attending the Farm Business Management course.

PLEASE REMEMBER TO BRING A CALCULATOR



MEAT PROCESSING

DATE: **15 - 17 JULY 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 2035.00**

APPLICATIONS: **LIMITED TO 12 APPLICANTS**

Practically orientated course, processing of meat into products such as:

- Boerewors
- Salami
- Russian sausages
- Polonies
- Biltong
- Dry Wors







GOAT PRODUCTION

DATE: **05 - 07 AUGUST 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 800.00**

APPLICATIONS: **LIMITED TO 30 APPLICANTS**

This course will deal with topical issues around the basic principles of goat production in KwaZulu-Natal:

- Nutrition of goats
- Veterinary aspects of goats
- Goat management
- Management at kidding
- Milk + Meat Production
- Handling facilities
- Problems - facing goat farmers
- Economics of Goat Production



BIORESOURCE PROGRAMME (BASIC)

DATE: **12 - 14 AUGUST 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 1050.00**

APPLICATIONS: **LIMITED TO 12 APPLICANTS**

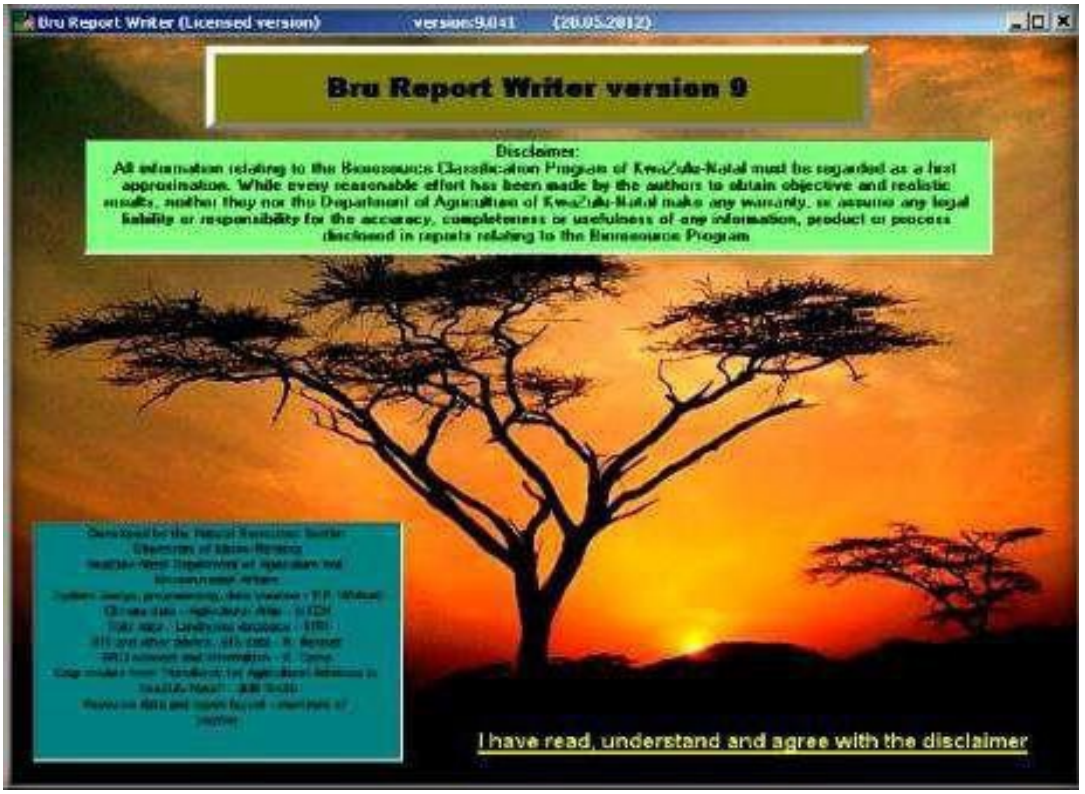
A natural resources and land use planning decision support tool for KZN.

This course will introduce the computer based Bioresource Programme developed for KZN which describes the natural resources (soil, vegetation, land use, cropping options and veld management) and their appropriate use for agriculture. This Programme can assist with developing land use plans and resource assessments, including the creation of basic map layouts, to optimize agricultural land in the Province. Familiarization with the relevant computer programs for accessing data and mapping facilities will be covered in the course. Practical exercises in the application of the resource information will be undertaken.

NB: An understanding of the soils of KZN is essential.

Learners must have basic computer skills.

PLEASE BRING YOUR OWN COMPUTER



MARKETING

DATE:	**19 - 21 AUGUST 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30AM**
COST:	**R 1720.00**
APPLICATIONS:	**LIMITED TO 20 APPLICANTS**

The course is designed to introduce Marketing.

- Introduction to marketing
- Marketing mix and market research
- Market prices and costs
- Market strategies
- Commodity marketing (standards and quality)
- Marketing and Government; functional and organizational issues

PLEASE REMEMBER TO BRING A CALCULATOR



DAIRY PROCESSING

DATE:	**26 – 28 AUGUST 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30AM**
COST:	**R 1100.00**
APPLICATIONS:	**LIMITED TO 12 APPLICANTS**

This course is a practically orientated course which will include

- Introduction
- Nutritional information
- Food safety and good food processing practices
- Soft cheeses
- Yoghurt
- Maas







AGRICULTURAL EXTENSION

DATE:	**31 AUG – 04 SEPTEMBER 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30AM**
COST:	**R 1440.00**
APPLICATIONS:	**LIMITED TO 20 APPLICANTS**

This course includes the following aspects:

- Concepts and practice of agricultural extension.
- History and philosophy of agricultural extension.
- Components of extension service delivery systems.
- The process of communication and change.
- The diffusion and adoption of innovations.
- Development and management of an extension programme for the community.
- Group dynamics
- Adult learning



SOIL CLASSIFICATION AND LAND CAPABILITY

DATE:	**08 – 11 SEPTEMBER 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30AM**
COST:	**R 1360.00**
APPLICATIONS:	**LIMITED TO 20 APPLICANTS**

Competency in English and Maths required. The course includes instruction on:

* Soil classification
* The properties of soil
* Agricultural potential of soil, including eco tope identification
* Land capability classification

Exercises include the identification of common soils, ecotype and potential assessment and land capability classification.



VEGETABLE PRODUCTION

DATE: **14 – 18 SEPTEMBER 2026**

VENUE: **CHAPMAN ROOM , CEDARA TIME:**

REGISTRATION STARTS AT 08:30AM

COST: **R 1010.00**

APPLICATIONS: **LIMITED TO 20 APPLICANTS**

This course includes the following aspects:

- Crop Requirements
- Climatic and Soil Requirements
- Irrigation
- Equipment
- Labour
- Disease, Pest and Weeds Management
- Transport and Distance to the Market
- Production Costs
- Price Trends and Marketing



BEE KEEPING

DATE: **22-23 SEPTEMBER 2026**

VENUE: **CHAPMAN ROOM, CEDARA TIME:**

REGISTRATION STARTS AT 08:30AM

COST: **R 1380.00**

APPLICATIONS: **LIMITED TO 15 APPLICANTS**

- The functioning of a hive
- Developing farmer bee keeping
- Apiary sites and protection
- The equipment required
- The management of bees
- The honey flow
- Harvesting the crop
- Honey and honey products
- Bee diseases and problem



HOT IRON BRANDING

DATE: **30 SEPTEMBER 2026**

VENUE: **CHAPMAN ROOM, CEDARA TIME:**

REGISTRATION STARTS AT 08:30AM COST: R 420.00

APPLICATIONS: **LIMITED TO 10 APPLICANTS**

The aim of this course is to teach applicants how to hot iron brand cattle. The regulations of the Animal Identification Act (No: 6 of 2002) will be discussed; how to register for a brand (forms will be made available) and the correct procedure on how to brand cattle is covered. Each applicant will brand one animal.

PLEASE COME IN OVERALLS OR SUITABLE FIELDWORK ATTIRE



ENTREPRENEURSHIP

DATE: **06 - 09 OCTOBER 2026**

VENUE: **CHAPMAN ROOM, CEDARA TIME:**

REGISTRATION STARTS AT 08:30AM

COST: **R 1400.00**

APPLICATIONS: **LIMITED TO 20 APPLICANTS**

This course examines:

- the business idea
- market research and raising finance
- planning and developing a business plan
- building entrepreneurial skills
- marketing and sales
- customer relations and managing staff
- negotiating and managing finance
- keeping financial records and simple bookkeeping

PLEASE BRING YOUR CALCULATOR



POULTRY PRODUCTION

DATE:	**13 - 16 OCTOBER 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30AM**
COST:	**R 1260.00**
APPLICATIONS:	**LIMITED TO 20 APPLICANTS**

This course includes the following aspects for Broilers and Layers:

- Breeds
- Types of Houses & Management
- Feed Management
- Water Management
- Caring for Day Old Chicks to 6 weeks
- Pullet Management
- Layer/Broiler Production
- Health Management
- Biosecurity
- Marketing









BIORESOURCE PROGRAMME (ADVANCED)

DATE:	**21 – 23 OCTOBER 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30AM**
COST:	**R 1050.00**
APPLICATIONS:	**LIMITED TO 12 APPLICANTS**

A natural resources and land use planning decision support tool for KZN.

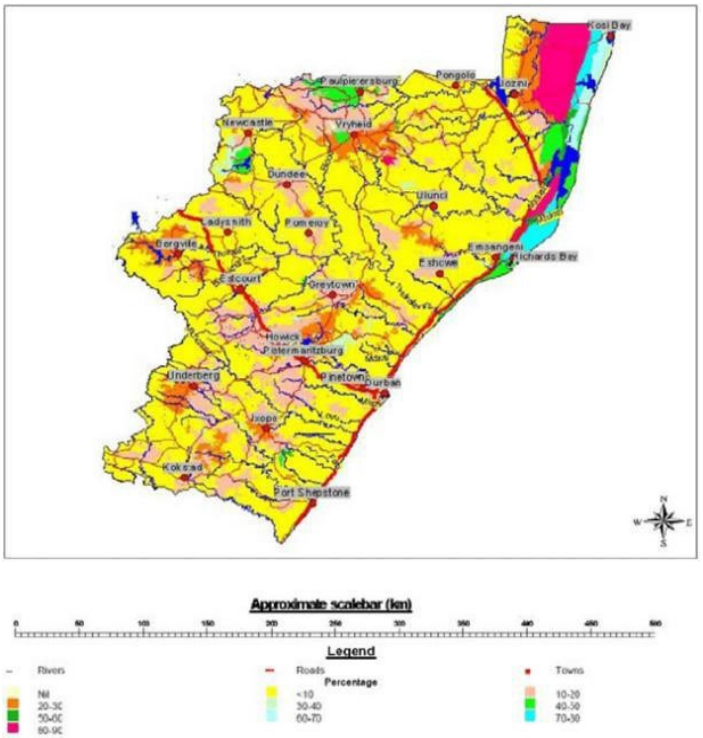
This course will expand on application of the computer based Bio-resource Programme developed for KZN which describes the natural resources of the Province. In this course, the detailed interpretation of the inventory will be covered. A significant part of the course will be the advanced mapping options utilizing various imagery layers and generating detailed maps. This programme can assist with developing land use plans and resource assessments to optimize agricultural land in the Province. Familiarization with the relevant computer programs for accessing data and mapping facilities will be covered in the course. Practical exercises in the application of the resource information will be undertaken.

Pre-requisite: Successful completion of the BRP Introductory Course.

NB: An understanding of the soils of KZN is essential.

Learners must have basic computer skills

PLEASE BRING YOUR OWN COMPUTER



AGRI-FINANCE

DATE:	**28 - 30 OCTOBER 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30**
COST:	**R670.00**
APPLICATIONS:	**LIMITED TO 20 APPLICANTS**

Agricultural finance refers to financial services ranging from short-, medium- and long-term loans, to leasing, to crop and livestock insurance, covering the entire agricultural value chain - input supply, production and distribution, wholesaling, processing and marketing. Agriculture is a major source of livelihood throughout the world, especially for the majority of poor people living in rural areas in developing countries. A key challenge for the majority of these farmers is - access to finance. Lack of access to finance is a key impediment to farmers in improving the efficiency of their productions and adopting better technologies. Small scale farmers and commercial farmers continue to struggle in accessing the finance they need to maintain a sustainable and productive level of output. Small scale farmers which require loans to buy inputs, such as seeds and fertilizers, are often required to borrow against collateral such as real estate, which they simply do not have. As a result, they are unable to fertilize their land and are forced to use seeds held back from the preceding harvest to plant their new crop. These seeds are poor in quality and have degenerated over time and, combined with ineffective fertilization and application of insecticides, leads to decreasing yields and poor quality crops.
This course would mainly cover the following aspects:

Linking farmers to insurance companies.
The outcomes of the course will be:

- Gained an exposure to various finance packages of finance to support the agro processing enterprises
- Create a favourable environment for the agro processors to deliver its business prosperity
- Opportunity for networking with active players in the finance field
- Confidence towards business sustainability and consistency.



JAM MANUFACTURING

DATE: **04 - 06 NOVEMBER 2026**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 1220.00**

APPLICATIONS: **LIMITED TO 15 APPLICANTS**

This course is a practically orientated course which covers making of various jams and jellies depending on the availability of fruit.

- Introduction
- Nutritional information
- Food safety and good food practices
- Jelly
- Marmalade
- Jam

PLEASE BRING AN APRON OR WHITE JACKET









FORESTRY

DATE: **10 - 13 NOVEMBER 2026**

VENUE: **CHAPMAN ROOM, CEDARA TIME:**

REGISTRATION STARTS AT 08:30AM

COST: **R1450.00**

APPLICATIONS: **LIMITED TO 20 APPLICANTS**

The forest production course is aimed at farmers who are growing forest trees on the farm. The course is introductory and will deal with the common commercial tree species and tree species that are beneficial on the farm. Forest production will discuss aspects related to tree regeneration, rotation, tree tendering, harvesting methods, and produce products as per the requirements and specification of the market. Where possible the various practices will be demonstrated in the field, so please dress appropriately (e.g.: closed shoes: boots, hard hat, and reflective vest).

This course covers the following aspects:

- Site species matching
- Planting
- Tree maintenance
- Harvesting
- Tree products
- Agroforestry

Duration of the course will be five (5) days







FRUITS AND VEGETABLE PROCESSING

DATE: **18 – 20 NOVEMBER 2026**

VENUE: **VALUE ADDING HOUSE 42, CEDARA**

COST: **R 1100.00**

APPLICATION: **LIMITED TO 15 APPLICANTS**

The course duration is 3 days and covers the theory and practical aspects of processing fruits and vegetables in season into various products.

The theory covers the following:

- Nutrition
- Food hygiene and safety

The practical involves the following processing techniques:

- Drying
- Bottling
- Pickling
- Juice making
- Jam making



VELD MANAGEMENT

DATE: **24- 27 NOVEMBER 2026**

VENUE: **NATURAL RESOURCES CONFERENCE ROOM, CEDARA**

COST: **R 1010-00**

APPLICATION: **LIMITED TO 20 APPLICANTS**

The course will encompass an ecological study of the veld, including how to identify grass and tree species. This course also covers the interaction of grazers and browsers on vegetation, veld condition assessments, calculating grazing capacity and stocking rate from these results and also addresses the Principles of veld management. The final day will be spent in doing practical exercises in the field. Please bring suitable clothes and shoes for the field. It is recommended that course participants bring the books; "Guide to Grasses of Southern Africa" by Frits van Oudtshoorn and "Trees of Natal" by Elsa Pooley if possible.

Basic English and Maths skills necessary.

PLEASE BRING YOUR CALCULATOR



POULTRY PRODUCTION

DATE:	**01 – 04 DECEMBER 2026**
VENUE:	**CHAPMAN ROOM, CEDARA**
TIME:	**REGISTRATION STARTS AT 08:30AM**
COST:	**R 1260.00**
APPLICATIONS:	**LIMITED TO 20 APPLICANTS**

This course includes the following aspects for Broilers and Layers:

- Breeds
- Types of Houses & Management
- Feed Management
- Water Management
- Caring for Day Old Chicks to 6 weeks
- Pullet Management
- Layer/Broiler Production
- Health Management
- Biosecurity
- Marketing
- Record Keeping









OYSTER MUSHROOM

DATE: **02 - 05 FEBRUARY 2027**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R 1450.00**

APPLICATION: **LIMITED TO 20 APPLICANTS**

This course courses includes the following aspects for mushroom production.

Planting

Mushroom substrate production

Daily management to achieve optimum yield

Recording of temperature and humidity

- Land preparation and planting methods
- Mushroom substrate production
- Daily management to achieve optimum yield
- Recording of temperature and humidity
- Spawn and Mushroom pack production
- Pest control, common diseases
- Management (Basic Housekeeping)
- Harvesting, Weighing and Recording of data



ORGANIC FARMING

DATE: **16 - 19 FEBRUARY 2027**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30AM**

COST: **R1400.00**

APPLICATIONS: LIMITED TO 20 APPLICANTS

- organic concepts
- organic vs conventional
- planning process
- propagation &transplanting seedlings
- establishing organic vegetable production
- making of compost
- successful cultivation
- erosion management
- rotation of crops
- control of weeds & insects
- water management



COMMERCIAL CROP PRODUCTION

DATE: **01 – 05 MARCH 2026**

VENUE: **CHAPMAN ROOM, CEDARA TIME:**

REGISTRATION STARTS AT 08:30AM COST:

R960.00

APPLICATIONS: LIMITED TO 20 APPLICANTS

This Crop Production course is aimed at Commercial farmers & Extension staff in Crop Production. Appropriate technologies will be presented.

Crops that will be dealt with in detail are maize, potatoes, dry beans, cowpeas, soya bean and groundnuts. All aspects relating to the production of these crops will be dealt with. These include soil conservation, nutrition of crops, efficient use of manure, animal and tractor draught implements, land preparation, land suitability, crop rotation, crop establishment practices, inoculation of legumes, weed control, irrigation, disease and pest control as well as planning and budgeting, financing, marketing and value adding options.
Where possible the various practices will be demonstrated in the field, so **please dress appropriately (e.g.: hats and boots)**

Sound knowledge of literacy and maths skills is vital

PLEASE BRING YOUR CALCULATOR.



RESEARCH PAPER WRITING

DATE: **10 - 12 MARCH 2027**

VENUE: **CHAPMAN ROOM CEDARA TIME:**

REGISTRATION STARTS AT 08:30AM

COST: **R710.00**

APPLICATIONS: **LIMITED TO 20 APPLICANTS**

THIS COURSE IS FOR DEPARTMENTAL STAFF ONLY

It is a three-day short course whose target audience is scientists who wish to acquire skills to design and write a research report/article.

The objectives of the course is to empower scientists to

1. Draft a research proposal (protocol)
2. Conduct scientific research
3. Write a decent scientific paper

Course content

Setting up materials and methods Phrasing of hypothesis Calculating sample sizes Sampling methods

Questionnaire design

Choice of appropriate statistical methods Literature review techniques Referencing methods

How to report results

How to discuss results?



HEMP PRODUCTION

DATE: **16-19 MARCH 2027**

VENUE: **CHAPMAN ROOM, CEDARA**

TIME: **REGISTRATION STARTS AT 08:30 AM**

COST: **R 800.00**

APPLICATION: **LIMITED TO 20 APPLICANTS**

This course includes the following aspects:

- Regulations and Hemp permit application
- Cultivation practices
- Pest and disease management
- Post-harvest handling and processing
- Market development



PIG PRODUCTION

DATE: **22 - 26 MARCH 2027**

VENUE: **CHAPMAN ROOM, CEDARA TIME:**

REGISTRATION STARTS AT 08:30AM

COST: **R1320.00**

APPLICATIONS: **LIMITED TO 20 APPLICANTS**

Topics to be dealt with in this course will include:

- Housing - basic principles for design and management
- Nutrition - choice of rations to meet requirements
- Feeding systems
- Health Management-vaccination and medication programmes
- Biodiversity
- Breeding and Selection - traits of economic importance, selection and breeding methods
- Management of breeding herd - service management, farrowing, management of lactating sow and piglets
- Management of grower herd - weaning to marketing
- Economics - record keeping, gross margins and economics of scale
- Marketing - value adding, decisions to sell
- Practical - visit to piggery facilities, handling of pigs.



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KZN Department of Agriculture and Rural Development
Private Bag X6009, Hilton, 3245
Tel: 033 355 9304 ect: 9315
Email: shortcourses@cedara.ac.za



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