



SOUTH AFRICAN SUGARCANE RESEARCH INSTITUTE  
170 Flanders Drive, Mount Edgecombe  
Private Bag X02, Mount Edgecombe, KwaZulu-Natal, 4300  
Telephone: +27 31 508 7400  
Facsimile: +27 31 508 7597  
Website: www.sasa.org.za

## JUNIOR CERTIFICATE COURSE IN SUGARCANE AGRICULTURE

### OCTOBER 2019 COURSE DETAILS AND APPLICATION FORM 07 October – 25 October 2019

This three week course in sugarcane agriculture is held at the Kwa-Shukela building of the South African Sugar Association (SASA) offices in Mount Edgecombe. The course is held once or twice each year, usually in April and October, numbers permitting.

#### Entry Requirements

The general entry requirement is Std 10 (Grade 12), preferably from an agricultural school with at least two years on-farm experience.

A student who has a Std 8 (Grade 10) and relevant agricultural experience will be considered, depending on the outcome of an assessment and interview process.

**The course and assessments are conducted in English and therefore requires that applicants be able to read, write and understand English.**

#### Costs for 2019

South African sugar industry applicants:	R 7 368.00 + Vat (15%)	=	<b>R8 473.20</b>
South African non-industry applicants:	R 8 472.00 + Vat (15%)	=	<b>R9 742.80</b>
Applicants from outside South Africa:	R 9 702.00	=	<b>R9 702.00</b>

This cost includes stationery (pen, pencil, ruler, eraser and calculator), course notes, SASRI Information Sheets, manuals, teas and excursion costs. Applicants should bring their own notebooks or writing pads. **This cost includes TUITION only – no meals are included.**

#### Application Information

Applications must be made on the official course application form (see page 4).

The closing date for applications is **30 June 2019**. NB: Since we experience very high application numbers, places on the course may be depleted before this closure date.

All applications and accompanying documents must be sent to:

*The Course Administrator, South African Sugarcane Research Institute, Private Bag X02, Mount Edgecombe, 4300, South Africa.*

*E-mail: [educane@sugar.org.za](mailto:educane@sugar.org.za)*

*Fax: +27 (0) 31 508 7597*

*Tel: +27 (0) 31 508 7400.*

Successful applicants will be notified of their acceptance in mid-July, early **August 2019**, and will be sent an acceptance letter and a pro-forma invoice.



- **Weed Control**                      Classification  
Effects of weeds  
Weed control
- **Soils and Nutrition**              Property of soils  
Soil water management  
Fertiliser, lime, gypsum and organic products  
Organic matter  
Plant nutrition and soil chemistry  
Soil & leaf sampling
- **Harvesting**                          Cane quality  
Cane estimates  
Harvesting management
- **Irrigation**                            Irrigation principles  
Management  
Irrigation systems
- **Mechanisation**                    Mechanisation costs  
Mechanical operations  
Maintenance  
Record keeping
- **Farm Planning**                    Introduction to farm planning  
Use of levels
- **Environmental Management**    Environmental change  
Natural resources and sugarcane farming  
Environmental impacts, control and management  
Environmental law  
SUSFARMS®
- **Farm Management**                Introduction to farm management  
Record keeping  
Balance sheet and income statement  
Worker involvement and management

In addition to the lectures listed above, there are several 'special interest' lectures on topics of relevance to agriculture in general. Attendance at all lectures is compulsory.

### **Course Assessment**

Tests are written after completion of each subject. The duration of tests are approximately one to two hours. Certificates are awarded in three classes namely:

- |            |               |
|------------|---------------|
| 1. Honours | 80% and above |
| 2. Merit   | 65 – 79 %     |
| 3. Pass    | 45 – 64%      |

Students who fail more than three subjects or achieve an aggregate below 45% will fail the course.



JUNIOR CERTIFICATE COURSE IN SUGARCANE AGRICULTURE
APPLICATION FORM

07 October – 25 October 2019

STUDENT'S DETAILS

(please print)

FIRST NAMES .....

SURNAME ..... MR/MRS/MISS .....

PHYSICAL ADDRESS.....

POSTAL ADDRESS .....

POSTAL CODE .....

I.D. NO ..... TELEPHONE (Code) ..... (No.) .....

CELL NO ..... FAX (Code) ..... (No.) .....

E MAIL .....

NAME OF EMPLOYER (if applicable) .....

CURRENT POSITION and brief description of your job: .....

QUALIFICATIONS (Please attach copies of certificates)

Please indicate qualification, year obtained and the institution.

NUMBER OF YEARS FARMING EXPERIENCE.....

DATE: .....SIGNED: .....GROWER CODE.....

CONTACT DETAILS OF FUNDER

Please provide the contact details of the company responsible for funding the student's admission to the course. SASRI will treat the information below as the primary contact details for all communication related to the course. If you are privately funded, you may leave this section blank.

CONTACT PERSON.....

COMPANY NAME.....

POSTAL ADDRESS.....

POSTAL CODE.....

TELEPHONE.....CELL.....

E-MAIL ..... FAX (Code).....(No.).....

VAT NUMBER (South African applicants only): .....

DATE: .....SIGNED: .....GROWER CODE.....

Applications and accompanying documents must be sent to:

The Course Administrator, SASRI, Private Bag X02, Mount Edgecombe, 4300, South Africa.
E-mail: educane@sugar.org.za Fax: +27 (0) 31 508 7597 Tel: +27 (0) 31 508 7405.