



# SAGMA

Southern African Grain Milling Academy

## ADVANCED TECHNOLOGY COURSE (MAIZE & WHEAT)

**STUDENTS WITH AN AVERAGE OF 75% IN ALL THEIR THEORETICAL MODULES MAY APPLY TO REGISTER FOR THE ADVANCED COURSE**

Students who have not achieved an average of 70% will have to re-register for the modules in which they have not received the required percentage. Progress questions for each module must be completed before sitting for their exams. An administration and marking fee will be payable before the student can redo the module(s).

The Advanced Technology Course in wheat and maize milling has no specific outcome or National Qualification, i.e., head miller or mill manager, and was:

- **Firstly**, introduced to upgrade existing general management:
  - to focus on and establish critical competencies and skills to structure the relationship between the business functions;
  - to focus on and establish critical competencies and skills for problem-solving and decision-making in managerial situations; and
  - to establish critical competencies and skills for steering and directing operations.
- **Secondly**, to prepare persons with the necessary skill set (in possession of a wheat or maize trade test certificate) to move into management positions in the wheat and maize milling industry.

Persons with a wheat or maize SAGMA/SAQA Trade Test Certificate can enrol for this course. A letter of approval from their general manager or mill manager must accompany the application.

A pass mark of **50%** is required in the progress questions and the semester exam. Students will have to pass both chapters of a module before progressing to the next module but will be given credit for the one they have passed.

### SYLLABUS ADVANCED COURSE

The Advanced Course deals with both wheat and maize milling. It consists of eight modules (eight chapters). Generally, the more straightforward chapters make up the first year's study, so modules 1 and 2 will be presented in year one, followed by modules 3 and 4 in year two.

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#### MODULE 1

- *Chapter 1*  
Product handling and distribution
- *Chapter 2*  
Flour, maize, rye and durum products and their treatment

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#### MODULE 2

- *Chapter 3*  
Quality control
- *Chapter 4*  
Pelleting wheat bran and maize germ

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#### MODULE 3

- *Chapter 5*  
Finance administration, mill organization, staffing, location, and design of mills
- *Chapter 6*  
Legislation

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## MODULE 4

- Chapter 7  
Air conveying, power, and application of electrical power
- Chapter 8  
Instrumentation and process control

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## FEE STRUCTURE FOR 2023

The fees are reviewed annually in **October** and will be effective from **November**.

**Please note:**

Once proof of payment has been received, progress questions and study material will be sent to the student. A copy of the proof of payment or remittance can be emailed to [elmiens@sagma.co.za](mailto:elmiens@sagma.co.za).

Ask your finance department to use the **invoice number** as a reference when paying for the studies.

### Registration Fee (per module):

<b>NCM Members</b>	<b>R7 629-20</b>
<b>Non-members</b>	<b>R15 258-50</b>
<b>Foreign students</b>	<b>R16 573-00</b>

### Redoing of Advanced Chapter:

<b>NCM Members</b>	<b>R1 904-30</b>
<b>Non-members</b>	<b>R3 820-20</b>
<b>Foreign students</b>	<b>R4 157-30</b>

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## DATES AND DEADLINES: 2023

THEORY COURSE	First Semester	Second Semester
Semester starts	16 Jan	3 Jul
Closing date for registration	10 Feb	28 Jun
Closing date: changes and postponement to studies	17 Feb	4 Aug
Closing date: assignments to be received by SAGMA	8 Mar	30 Aug
Assignment results to students	11 Apr	9 Oct
<b>Date of semester exam (All modules)</b>	<b>10 MAY</b>	<b>15 Nov</b>
Results to students	12 Jun	18 Dec
Semester finishes	30 Jun	22 Dec



**SAGMA**  
Southern African Grain Milling Academy



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**ELMIEN BUSSIAHN**  
Course Administrator  
& Student Support