



FVST ACADEMY

The background of the entire page is a dense, repeating pattern of small, light-colored line-art icons. These icons represent a wide variety of subjects and concepts, including: educational tools like books, calculators, rulers, and microscopes; technology like laptops, smartphones, and headphones; sports and leisure like a soccer ball, a guitar, a video game controller, and a cactus; and general objects like a coffee cup, a backpack, and a lightbulb. The icons are scattered across the entire page, creating a textured, busy background.

ABOUT THE FAST ACADEMY GROUP

Fast Academy is the brainchild of Farrel Strul, founder of the FastMaths programme. He put together a young, forward-thinking team to bring his vision, of a low-cost/high-return education platform, driving academic mastery and societal upliftment, to fruition.

Fast Academy leverages its understanding of *millennial learners*, *innovative technologies* and *effective pedagogy* to empower every student to learn and master their content, and achieve academic success.

FAST ACADEMY GROUP TECHNOLOGIES

FASTMATHS

aweza

FASTMATHS is a robust learning system based on the South African high school mathematics syllabus.

The best-of-breed notes, pedagogy and learning-management-system have been refined over the last 20 years. We can guarantee an improvement in mathematical knowledge and ability.

AWEZA is a sophisticated technology building language bridges between South African and European language sets.

The international award-winning AWEZA app, created by Glenn Stein, is designed to integrate into platforms providing a multi-lingual user experience.

FAST ACADEMY GROUP AWARDS

Netexplor Winner

Netexplor Observatory

February 2016

Netexplor is an independent observatory that studies the impact of digital tech on society and business in partnership with UNESCO. Each year 10 winners are selected out of The Netexplor 100, an annual selection of the 100 most promising digital initiatives.

The winners are invited to take part each year in the Netexplor Forum in Paris.

3rd place in the Vodacom AppStar app development contest

Vodacom

February 2012

Nomination for MTN overall App of the Year

MTN Business

August 2012



Incline

FAST
ACADEMY

ABOUT THE INCLINE FAST ACADEMY

OVERVIEW

- A 10 month programme that takes struggling students and produces trained individuals able to contribute both economically and socially.
- Participants will cover a complete revision of high school maths and attend world class coding academy online, as well as attend a series of enrichment workshops. (Budgeting, presentation, debating skills, etc)
- The programme takes place at the Incline offices where a dedicated classroom has been created.
- Participants will be instructed and assessed on a plethora of educational and entrepreneurial skills.

THE INCLINE FAST ACADEMY

GOAL

- Over the next 2 years we aim to refine this project into a source of quality, educated and skilled workers able to contribute economically and socially to South Africa.
- By Q4 2020 we aim to have 1 000 students move through our programme successfully.

THE INCLINE FAST ACADEMY

OBJECTIVE

- We aim to upskill our students in ability and confidence to be able to add value in any environment.
- We aim to find employment opportunities for our graduates.
- We believe that a programme of this nature will successfully address two of South Africa's critical issues:
 - Education
 - Employment

THE SYLLABUS

- The **Mathematics** component will be taught by **Fast Maths, Incline** and external teachers. A blended learning approach will be employed, with a variety of traditional, self-taught and peer-learning modules. Both human and computer based learning systems will be used throughout the course.
- A **Coding** component is a world-class Python course from the **National University of Singapore School of Computing**. The course is conducted via the Coursemology.org portal and is supported locally by our own teaching assistants.
- Students also have the option of choosing to rather study **Excel** and **SQL** through our in-house corporate training division, **The Aptitude Academy**.

THE SYLLABUS

- Students will also receive an **enrichment workshop**, often complimented by additional mini-projects, each and every month of the programme.
- Besides our in-house enrichment workshops, we currently have three external offerings lined up for the students:
 - Elevate Education: za.elevateeducation.com
 - Genius Works: geniusworks.co.za
 - Accounting Made Easy: www.accountingmadeeasy.co.za/

THE SCHEDULE

	Mathematics	Coding	Enrichment
February	Algebra & Patterns	Introduction & Basics of Python	Presentation & Research skills
March	Trigonometry	Abstractions, Recursion	Time Management skills
April	Functions & Calculus	Iteration, Order of Growth & Functions	Problem Solving skills
May	Statistics & Revision	Debugging, Data Abstraction	Elevate - Exam Prep
June	Mid-year Exams	Lists, Sequences, Searching & Sorting	Genius Works Project
July	Finance & Probability	Multiple Representations, Generic Operators	Elevate - Motivation
August	Geometry	Object-Oriented & Dynamic Programming	Accounting Made Easy
September	Revision: Mock Exams	Memorization, Exception Handling	Debating Skills
October	Revision: Final Exams	Introduction to C Programming & Intermediate C	Elevate - Exam Workshop

HOW WE ASSESS SUCCESS

- No initiative is worth the time and effort it requires if the results cannot be measured. A primary reason for the **Fast Academy** and **Incline** joining forces is to ensure we have the necessary expertise to both *implement* and *measure* our efforts.
- Our students will be regularly assessed through state-of-the-art scientific assessments, conducted in conjunction with UCT's Centre for Innovation in Learning and Teaching (CILT) and the UCT Centre for Higher Education Development.



CONTACT US

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**We look forward to hearing
from you**

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