

FREDERIC BASTIAT INSTITUTE

PROGRAMME PROSPECTUS

Certificate in Foundational Technical Analyst (CFTa) and
Chartered Technical Analyst (CTA)



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1.0 DETAIL INFORMATION FOR THE PROGRAMME

- 1.1 **Name of the Institute:** Frederic Bastiat Institute Ghana
- 1.2 **Programme Title:** Certificate in Foundational Technical Analysts (CFTa) and Chartered Technical Analysts (CTA)
- 1.3 **Duration of Programme:** Two (2) Semesters, One (12) month studies (CFTa) and extra 12month research project submission for (CTA) studies
- 1.4 **Programme Weight:** 162 Credit Hours

2.0 PROGRAMME BARGROUND AND RELEVANCE

Securities trading market analytics specially Forex, Commodity & Stock Trading has been elevated into a newly advanced operations beyond the traditional banking activities due to the involvement of advanced technology in Investment trading. This action has created a global transactions between players in the Investment Banking market at large, creating a limitless market of transactions with high volume of trades resulting in high investment return or losses.

The forex market specifically offer a higher investment return beyond what any other investment instrument is capable to offer as a trader, as well as high risk package beyond what any other security instrument could offer. To overcome the risk and exploit the bounty of resource and opportunities in this market need an advanced technical knowhow as a professionals to become successful in the global operating investment industry, the essence and the relevancy of this programme designed for its target market.

3.0 GOALS AND OBJECTIVE

The goals and the objectives of this programme are as follows;

- To train skilled supportive labourers into the securities trading market in Africa
- To establish a competent labour force in strengthening the operations of the Forex, Commodity, Stock and Bond Trading Sector of the Investment Industry
- To strengthen the foundation of Investment tradition in the economy of Ghana and Africa as a whole
- To inculcate to the student, the Entrepreneurial and the innovation in the investment industry of Ghana and Africa as a whole
- To train student with care to meticulous standards in capital market analytics and accuracy in predictions for profitable trading and risk management

Creating a strong fertile ground for student to exploit the full potential and opportunities associated with Securities & Exchange commission in Africa, as well as it related Stock Exchange market

4.0 CAREER PROSPECT FOR GRADUATE

The untapped potential in the Investment Banking Industry, especially the e-trading in Ghana and Africa as a whole is based on lack of competency of professionals to exploit it vast opportunities.

However the broad-based nature of the programme aims to enable effective contribution to the following careers.

- Forex OTC-traders
- Commodity OTC-traders
- Stock OTC- traders
- Bond OTC- traders
- Fundraising Experts to act as competent brokers
- Risk evaluation and management experts in Investments
- Global securities trading analytics and forecasters
- International Wholesale & Retail Brokers
- Fund Managers & assets evaluating experts
- Investment Evaluation & Venture Financing
- Portfolio management experts

5.0 COURSE DELIVERY

The curriculum is aimed to integrate advanced level of technology application which is adopted in the international securities trading market in all course work to enable the graduate to exploit the full potential of the Investment market of Ghana and Africa as whole. The course delivery will therefore be a combination of classroom instruction and a comprehensive practical based work at the computer laboratory

6.0 INTERNAL COURSE ASSESSMENT POLICY

Within individual courses, student learning will be assessed from multiple perspective and on multiple occasions in order to ensure that instruction is fostering high-quality learning from the first to the last day of the course

- I. Assessment techniques will be clearly aligned with the learning outcomes and instructional process of each course
- II. Student will be made aware of why, how and according to what criteria their learning will be assessed.
- III. Instruments and procedures will be carefully designed to meet the intended uses for assessment.
- IV. All courses will be assessed with a combination of continuous assessment and end of semester examinations.
- V. Continuous assessment will form 40% and end of semester examinations will form 60% of the total score

7.0 ACADEMIC STRUCTURE AND GRADING POLICY

PERCENTAGE SCORE	GRADE	GRADE POINTS	REMARKS
85 - 100	A ⁺	4.5	Distinction
80 - 84	A	4.0	excellent
75 - 79	B ⁺	3.5	Very Good
70 - 74	B	3	Good
65 - 69	C ⁺	2.5	Above average
60 - 64	C	2	Average
55 - 59	D ⁺	1.5	Below average
50 - 54	D	1	pass
0 - 49	F	0	Fail

8.0 AWARD REQUIREMENT AND GRADING

The maximum credit points for the award of issuing the certificate as an Institute is 162 credit hours, however the certificate will be awarded after student has obtained a minimum of 120 credits hours including all score subjects for CFTa.

However student seeking to be awarded CTA qualification will further their studies by submitting to the Institute a research project within 12 months period of studies to be defended before a team of technical trading analyst.

To qualify for the award, a student must have a minimum Grade Point (GP) of 2.0 of all the courses

Grade point average (GPA) will be calculated by dividing the total amount of grade points earned by the total amount of credit hours attempted.

9.0 REQUIREMENTS FOR GRADUATION

For a student to be graduated, must satisfy the following requirements:

- Have done a total minimum 120 credit hours
- Pass all prescribed courses offered (55% and above) including project work.
- Settle all financial and any other obligations to the Institute
- Be in good standing and not barred for any disciplinary reasons
- Attain a minimum Grade Point Average (GPA) not less than 0.18 or the Percentage Average (PA) not be less than 50%

10.0 EXAMINATION MODERATION

In line with the academic policy of the institution, each course will have an External Moderator and two Internal Examiners. All End of Semester Examinations are moderated by the External Moderators. There is also a peer review system where examination questions are reviewed by a Second Internally Examiner before they are sent to the External Moderator

11.0 POLICY ON CONTINUOUS ASSESSMENTS

Students will complete quizzes, tests and experiential project to demonstrate their individual competency in the application of knowledge and concepts used in the assigned exercises.

Students will perform as team members in the completion of experiential project exercises that require individual contributions to the team's solution and an exhibit of critical thinking

Students' ability to ask and respond to questions will be measured through a series of assigned hands-on and productivity tasks completed both individually and in teams within required specifications. Criteria for evaluation of performance will include accurate and efficient application of technical skills and knowledge as well as appropriate behaviours and attitudes

12.0 BRIEF DESCRIPTION OF COURSES IN THE PROGRAMME

SEMESTER 1

C. No.	COURSE TITLES	COURSE CODE	CREDIT POINTS		
			T	P	C
1.	Introduction of Monetary Economics & Philosophy	BIG 10	4	-	2
2.	International Broker Demo-Account Set-up Demonstration	BIG 11	4	2	3
3.	Fundamental Analysis theory	BIG 12	3	1	3
4.	Principles of Forex, commodity, stock and bond Trading	BIG13	4	3	3
5.	Brokerage Software Introduction & operating mechanism	BIG 14	3	2	2
6.	The theory of trading psychology	BIG 15	4	1	1

7.	Western type of Technical Analysis (Applied Econometrics in forecasting)	BIG 16	5	3	3
8.	Eastern Type of Technical Analysis (The science of Japanese Candlesticks forecasting)	BIG 17	5	3	3
9.	Brokerage Platform Validity & development of trading system	BIG 18	4	3	3
	TOTAL		36	18	24

SEMESTER 2

C. No.	COURSE TITLES	COURSE CODE	CREDIT POINTS		
			T	P	C
1.	Theory of Indicators application, weakness and strength in Forecasting	BIG 19	5	3	3
2.	Application of trade room tools & mastery	BIG 20	4	2	2
3.	Methods of Placing & closing trade	BIG 21	4	2	2
4.	Calculation of Market Time Zone & theory of multiple time forecasting	BIG 22	4	2	3
5.	Theory of Pipsology, trend analysis & currency crossing	BIG 23	6	3	3

6.	Theory of Risk managements & emotional discipline	BIG24	4	3	3
7.	The Principle of Leading & Lagging Indicators	BIG 25	4	2	3
8.	The theory of currency Index analysis	BIG26	4	2	3
9.	The Principle of market sentimental forecasting	BIG 27	4	1	3
	TOTAL		39	20	25

13.0 COURSE REGISTRATION

The Entire programme is made up of 18 credit course for completion, however student that seeks to register for extra course credit as outlined below, should contact the Administrator for official documentation of that extra course load and it credit hours respectively for accumulative grading.

C.No.	COURSE TITLES	COURSE CODE	CREDIT POINT		
10.	Entrepreneurship & Innovation	BIG 28	8	3	6
11.	Managerial Economics	BIG 29	10	-	8

13.0 AFFILIATIONS & RECOGNITION

- Ghana Securities and Exchange Commission, Accra Ghana
- Instaforex Investment & Forex Brokerage Firm Headquarters in Kaliningrad Russian Federation
- FxPro Investment Company UK.
- International Federation of Technical Analysis Inc.-Maryland, USA
- African School of Economics- Republic of Benin
- Banking & Finance Department of Cape Coast Technical University- Ghana
- MTC-Global, Higher Educational Quality Management Think Tank- Bangalore India

14.0 REQUIREMENTS FOR ADMISSION

1. Laptop/ Tablets Computer
2. Modem/ Wifi-Gadget
3. Letter to Indicate you have basic bar ground in ICT Knowledge
4. Copy of WASSCE Result Slip or high school certificate; inability to provide such details, candidate will sit for matured entrance examination in English, General Mathematics and Economics
5. Letter to indicate your financial status and soundness to complete the programme.

Sincerely,
Emmanuel Tweneboah Senzu, Ph.D., DBA, CBE.
Professor of Economics & Investment Banking
Dean of Programme

