

Become a *Professional Trader* with

PGP in Capital Markets & Trading programme



12-month hybrid programme
(MBA Equivalent)

Trade with
₹40L Real Capital

Get 1:1 Mentorship
from Traders

Masters' Union is a pioneering business school that challenges traditional educational paradigms through its innovative, hands-on learning approach. By combining academic rigour with industry expertise, we equip our students to lead with strategic and innovative thinking in today's dynamic business landscape.



Media Coverage in Leading Publications

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PwC India partners with Masters' Union to equip future leaders with industry-ready skills

New Delhi [India], November 28 (ANI): PwC India has announced a year-long collaboration with Masters' Union, a modern business school, to prepare the next generation of professionals with cutting-edge skills in emerging domains such as artificial intelligence (AI), emerging technologies, environmental, social, and governance (ESG), and healthcare.

THE ECONOMIC TIMES Home ETPrime Markets Market Data

Masters' Union aims at becoming one of top ten business schools globally in next five years

After having placed its first two cohorts with handsome average salary packages of more than Rs 29 lakh and Rs 33 lakh respectively, Gurgaon-based new age **business** school Masters' Union has set itself an ambitious target of becoming one of the ten business schools globally in the next five years.

For the same, the institute has decided to keep its strength to 250 students to ensure quality of education, and has no plans of expanding into other geographies.

Business Standard 6 8 9 Q

150+ Venture Capitalists and Investors participate in Masters' Union Demo Day 2025

With our Venture Initiation Programme (VIP), our goal is to build the most credible campus-to-capital pipeline in India", said Pratham Mittal, Founder, Masters' Union. "This year's participation by almost all of India's leading early stage VCs reflects how student-led businesses are being taken seriously by the market. VIP is now producing investable ventures, not just experiments.

Affiliations & Collaborations

Organizations



McKinsey&Company



Accreditation Bodies



Government Bodies



From the *Leaders' Desk*



Manoj Kohli

Chairman, Board of Governors, Masters' Union
Former Country Head, Softbank

"Future capital markets will be driven by intelligent systems, real-time data, and seamless global flows. As AI and digital platforms reshape finance, professionals must evolve beyond traditional models. Capital Markets & Trading Programme equips students with the strategic foresight and technological fluency needed not just to participate, but to lead."

Pratham Mittal

Founder, Masters' Union;
Co-Founder, Outgrow; Forbes 30U30

"We're on the brink of a financial revolution. Traditional finance education can't keep up with 24/7 global markets, algorithmic trading, and real-time volatility. Capital Markets & Trading Programme is built to launch the next generation of hedge fund managers, quants, and fintech disruptors."



Nikhil Mittal

Director, Masters' Union
Former Leader Skill-Lync & WhiteHat Jr.

"Capital Markets & Trading Programme is built like a trading desk, not a classroom. From day one, students engage in real-world simulations with experts who manage billions. It's about judgment, speed, and decisions under pressure—preparing for the fast, data-driven future of finance, not the past."



Who is this *Programme* for:

Aspiring Traders

- ✦ Master real market strategies.
- ✦ Learn scalping, day trading, and swing trading.
- ✦ Build risk management skills to protect capital.

Investors & Portfolio Managers

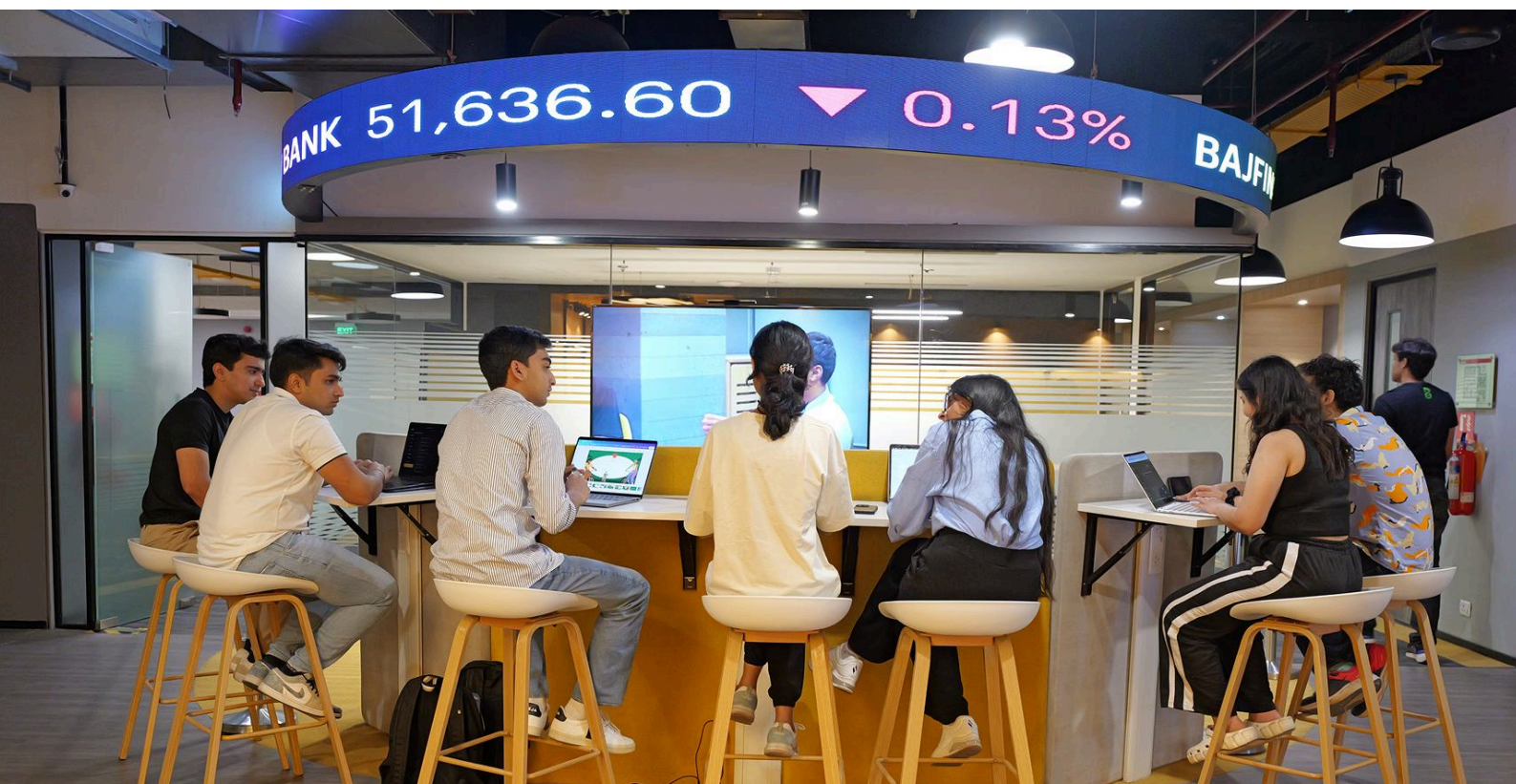
- ✦ Optimise asset allocation.
- ✦ Diversify across equities, forex, and alternatives.
- ✦ Use valuation techniques to spot high-potential investments.

Brokers & Analysts

- ✦ Stay ahead with pro-level tools.
- ✦ Master technical and fundamental analysis.
- ✦ Use Bloomberg, Python, and MetaTrader for market insights.

Entrepreneurs & Wealth Managers

- ✦ Build your own financial venture
- ✦ Set up and scale a wealth management firm.
- ✦ Learn to attract HNIs and institutional investors.



Learn through *Application*,



Masters' Union Investment Fund

Trade with ₹40L Real Capital

Backed by a ₹40 Lakh fund from Masters' Union, students actively invest in public markets —making real decisions with real money. Over 3 years, they've outperformed both Sensex and Nifty, delivering a 53% realized gain

10 Cr. AUM Challenge

Establish Your Own Wealth Management Firm

From compliance to client acquisition, learn how to establish, manage and grow a wealth management firm with a real-world pilot programme

- ✦ Target to get ₹10 Cr. in AUM within 1 year
- ✦ Learn how to sell to funds & LPs
- ✦ Network with & raise capital from HNIs

not just by sitting in Class



Trader Coaching

1:1 Coaching with Market Gurus

Get personalized guidance from top mentors and traders empanelled by Masters' Union

- ✦ Experts include experienced traders & hedge fund managers
- ✦ Avoid mistakes & get your portfolios reviewed continuously
- ✦ Build long-lasting trader relationships beyond the programme

Finance Content Challenge

Build Your Personal Brand as a Trading Expert

Use financial expertise to create authentic, monetisable content and build a trusted online presence

- ✦ Publish your own podcast on Youtube & Instagram
- ✦ Start an expert series on X or LinkedIn
- ✦ Generate investor interest organically

Trade with *Our Expert Community*

Become a part of our deeply engaged trading community consisting of fellow traders, teachers & experts

- 1 Get **feedback on trades** before executing
- 2 Get **real-time insights on markets** from industry experts
- 3 Make **faster & more confident decisions** on your daily trades



Learn from *Real Traders & Market Gurus*. Not Just Whatsapp.

- ① Courses taught by 20+ real practitioners across instruments
- ② Access to exclusive guest sessions from top hedge fund managers
- ③ Engage in live Q&A sessions with renowned economists
- ④ 1:1 consultation with experts from NSE, Barclays and more



Nikhil Rungta
Co-Chief Investment Officer



How to assess a company's true value



Aman Singhania
SVP & Head, Financial Products



How to diversify portfolios with alternate investments



Venkatachalam Srivatsa
EVP



How to evaluate investments using risk-return metrics



Kunal Bothra
Consultant, Market Expert



How to execute trades with proven day trading strategies



Vaibhav Jain
Fmr. Partner, investments



How to select the right financial instrument



Siddhartha Rastogi
MD



How to master the capital markets ecosystem



Payal Jain
Partner



How to master debt trading



Arnab Ghosh
Former Director, Operations & Risk



How to leverage private equity & venture capital strategies



Neeraj Gupta
Corporate Trainer



How to get started with futures, options, and the greeks

A Practitioner-Led Curriculum *for the Traders*

Designed with insights from top traders, economists, and portfolio managers, the curriculum offers hands-on trading exposure. Each term is a combination of in-class learning, out-class applications, tool-based training, and capstone experiences.



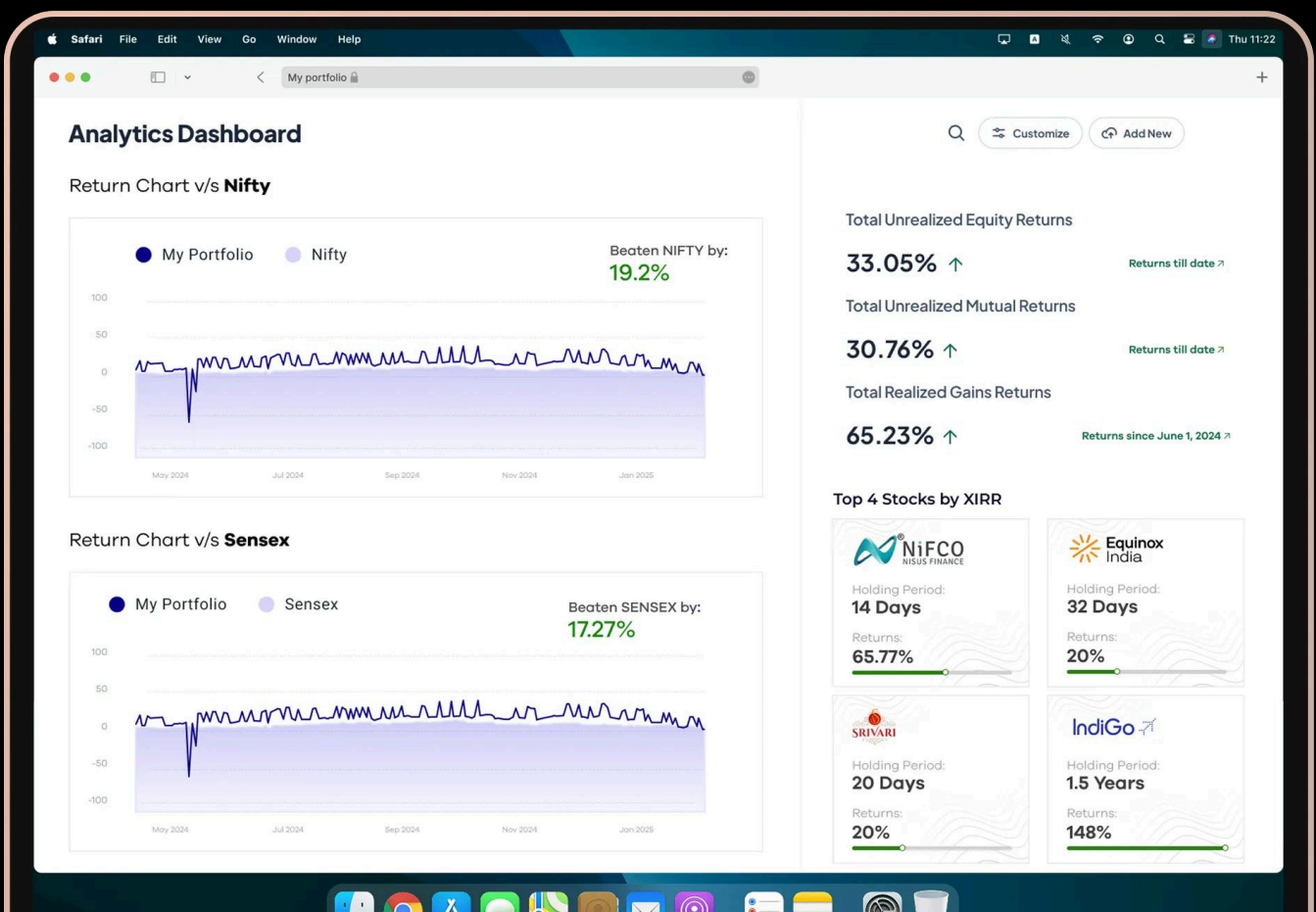
Masters' Union Investment Fund

Real Investment, Real Results

A student-managed fund that provides hands-on investment experience across diverse asset classes, including equities, crypto, real estate, and startups.



Fund Portfolio *Performance*



Step into the Market with *Strategies That Work*

Module 1 Foundations of Capital Markets

How to Master the Capital Markets Ecosystem

- The Capital Markets Matrix: Key players and their roles
- Power Players: Investors, hedge funds, market makers, and regulators
- Market Dynamics Decoded: Market ecosystems
- The Invisible Hand: How brokers, exchanges, and liquidity providers shape the market

How do Capital Markets Work (Market Mechanisms)

- Price Discovery Secrets: Order matching algorithms and market liquidity
- The Anatomy of Trades: Understanding market orders, limit orders, and stop-loss orders
- Algo Trading Unveiled: High-frequency trading and quant strategies
- Market Sentiment 101: How news, tweets, and global events move the market

How to Select the Right Financial Instrument

- Risk-Return Optimisation: Using the efficient frontier to select instruments
- Asset Allocation Mastery: Diversifying with stocks, bonds, and derivatives
- The Art of Risk Profiling: Aligning instruments with your investment goals



How to Evaluate Investments Using Risk-Return Metrics

- Sharpe Ratio Magic: Risk-adjusted return for portfolio optimisation
- VaR Insights: Quantify potential extreme losses
- Treynor Ratio Edge: Reward vs. systematic market risk
- CVaR Protection: Managing tail-end risk exposure
- Jensen's Alpha: Skill-based portfolio outperformance
- Stress Test Power: Assessing portfolio resilience in crises
- Sortino Ratio Precision: Focus on downside risk management
- Tail Risk Hedging: Protecting against rare, severe market events
- Omega Ratio Advantage: Probability-based risk-reward analysis

How to Comply with Global Regulatory Standards

- Regulatory Playbook: SEBI, IPA, MiFID II, SEC, and global compliance standards
- Compliance in Action: Navigating KYC, AML, and FATCA rules
- The Global Regulatory Web: Understanding cross-border compliance challenges
- Risk Mitigation Tools: Leveraging Regulatory Technology (RegTech) for compliance

How to Master the Opening Bell

- Pre-market analysis
- Market sentiment indicators
- Trade the first 15 minutes
- Opening gap strategies
- Volume and volatility
- Watch key stocks/indices
- Scalping the opening
- Use market orders

OutClass

Equity and Derivative Strategy Hackathon with MUIF

- Trade with Masters' Union Investment Fund with real corpus of ₹40 lakhs on MU's Demat account
- Design and execute equity valuation and derivative trading strategies
- Perform equity valuations, select derivative strategies, and present risk mitigation approaches

Tool Training

MetaTrader 4/5 (MT4/MT5)

- Market analysis and forecasting tools
- Risk management strategies and stop-loss techniques
- Advanced order types and execution strategies
- Using MetaEditor for custom indicators and scripts
- Trading Psychology: managing emotions in real-time trading

Capstone Project

Build a Winning Portfolio with Trading Simulation

- Placing a market or limit order
- Setting stop-loss and take-profit levels
- Monitoring active trades and adjustments
- Using trailing stops for profit protection
- Managing risk and position size
- Exiting trades and securing gains
- Tools: DSIJ (Dalal Street Investment Journal), MetaTrader

Module 2 Equity and Derivative Markets

How to Assess a Company's True Value

- Fundamental analysis of equities
- Financial Statements: Income statement, balance sheet, cash flow
- Financial Ratios: P/E, P/B, EV/EBITDA, leverage, profitability, yield
- DCF analysis
- Comparative Valuation Techniques: Industry benchmarks and peer comparisons
- Relative Valuation: Multiples and market ratios
- Earnings Reports and Projections: Analysing quarterly earnings calls
- Revenue Forecasting and sensitivity analysis



How to Get Started with Futures, Options, and the Greeks

- Futures Unleashed: Leveraging market positions
- Options Anatomy: Calls, puts, and basic strategies
- The Greeks Decoded: Delta, theta, gamma, and vega
- Risk-Reward Optimisation: Enhancing trade precision

How to Hedge Risks with Covered Calls and Protective Puts

- Covered Call Strategy: Covered call, 2x Leverage Strategy
- Protective Put Power: Safeguarding Investments, Married Put, Collar Strategy
- Volatility Leverage: Straddle, strangle, long volatility
- Balanced Hedging Approaches: Iron condor, Butterfly Spread, Ratio Call Write

How to Protect Portfolios Using Derivatives

- Derivative Risk Shields: Protective Puts, Futures Hedging, Swap Contracts
- Portfolio Insurance: Married Put, Protective Collar, Portfolio Hedging
- Volatility Trading: Straddles, Strangles, VIX Futures
- Risk Parity Models: Equal risk contribution, volatility scaling, dynamic asset allocation

How to Predict Market Trends Using Charts and Indicators

- Chart Patterns: Head and Shoulders, Triangles & Pennants, Flags & Wedges, Double Tops & Bottoms, Cup and Handle, Doji, Hammer, Shooting Stars
- Momentum Indicators: RSI, MACD, CCI, Stochastic Oscillator
- Volume Analysis Secrets: Volume Spikes, Accumulation/Distribution, OBV, CMF, Volume Moving Averages
- Trendline Breakouts: Support & Resistance Zones, Trend Reversal Patterns, Breakout Confirmation, Ascending & Descending Triangles, Channel Trading

How to Execute Trades with Proven Day Trading Strategies

- Strategy 1: RSAL
- Strategy 2: Breakout Strategy
- Strategy 3: Parabolic Reversal
- Strategy 4: High of Day Breakout
- Strategy 5: Mountain Pass Strategy
- Strategy 6: Lightning Bolt Strategy
- Strategy 7: 1-Minute Opening Range Breakout
- Strategy 8: 9/20 Trade
- Strategy 9: ABCD Strategy
- Strategy 10: 1 to 10 Strategy
- Strategy 11: Higher Time Frames
- Strategy 12: 5-Minute Opening Range Breakout

OutClass

Creatorpreneur: Mastering Content Creation in Capital Markets

- Identify a specific niche within capital markets
- Establish a personal brand on platforms like LinkedIn, YouTube, and Meta
- Simplify complex financial concepts through effective storytelling
- Develop a content calendar scheduling at least 15 diverse posts
- Undergo a mid-term evaluation for feedback on content quality and engagement

Tool Training

MetaTrader 4/5 (MT4/MT5)

- Advanced Charting and Technical Analysis
- Automated Trading with Expert Advisors (EAs)
- Backtesting Trading Strategies
- Multi-Asset Trading: Forex, commodities, and stocks



Capstone Project

Analyse Market Reactions to Key Events with Eviews

- Event study methodology for market impact
- Pre-Event Window Analysis: Identifying market trends
- Post-Event Window Analysis: Measuring market reaction
- Cumulative Abnormal Returns (CAR) calculation
- Event-Driven Regression Models
- Significance Testing with T-Statistics
- Causal Inference and Event Impact
- Time-Series Analysis for Pre/Post-Event Trends
- Volatility and Liquidity Analysis around events
- Modeling Market anomalies post-event

How to Trade Commodities and Understand Pricing Mechanisms

- **Market Drivers:** Supply-demand, geopolitics, weather
- **Commodity Futures Trading:** Contract structures, margin calls, rollover strategies
- **Commodity Hedging:** Using futures and options to hedge price risks
- **Technical Analysis:** MACD, RSI, chart patterns for timing trades
- **Fundamental Analysis:** EIA & CFTC reports, production, geopolitical events

How to Trade Forex Pairs and Leverage Spot, Forward, and Swap Markets

- **Spot Forex Mastery:** Execution strategies, liquidity management, spread control
- **Currency Forwards & Hedging:** Forward contracts, risk hedging, scalping, contrarian trade, carry trade, gamma trade, pairs trade
- **Currency Swap Strategies:** Cross-currency swaps for arbitrage, cost reduction
- **Forex Leverage Optimization:** Risk-to-reward ratios, leverage limits, margin call management
- **Forex Technicals & Indicators:** Bollinger Bands, MA crossovers, Fibonacci, MACD

How to Apply Advanced Indicators to Forex and Commodities

- **RSI and MACD:** Trend momentum breakouts, divergence signals, swing trading using RSI/Moving Averages
- **Stochastic Oscillator:** Identifying overbought/oversold zones, optimal reversal entry points
- **Bollinger Bands Strategy:** Volatility-based breakouts, mean reversion strategies, band squeeze signals
- **Fibonacci Tools:** Retracement levels for trend corrections, extension levels for profit-taking zones
- **Volume Indicators:** On-balance volume (OBV), Chaikin Money Flow (CMF), and accumulation/distribution for confirmation

How to Minimise Losses with Strategic Hedging

- **Futures Hedging:** Long/short futures for risk management
- **Currency Hedging:** FX options, forwards, and swaps
- **Correlation Hedging:** Inverse ETFs, negative correlation assets
- **Volatility Hedging:** VIX options/futures for market protection



How to Assess Macroeconomic Impact on Markets

- Interest Rate Trends: Fed, ECB, and central bank impact on forex & equities
- Inflation Signals: CPI, commodities, & gold as hedge
- Geopolitical Risk: Brexit, trade wars, & oil crises impact
- Economic Sentiment: GDP, unemployment, & PMI market effects
- Global Shocks: Pandemic, supply chain, & natural disasters impact

How to Apply VPA & Camarilla Pivots

- Volume Price Analysis (VPA) Strategy
- Camarilla Pivot Points
- VPA for trend confirmation
- Camarilla Pivots for intraday trading
- Volume Spread Analysis (VSA)
- Entry and Exit Signals with VPA
- Support and Resistance with Camarilla Pivots
- Risk-to-Reward Ratio in VPA
- Camarilla Pivot Reversal Trading

OutClass

Creatorpreneur: Mastering Content Creation in Capital Markets

- Expand reach using social media strategies, SEO, and collaborations
- Research and secure at least one brand partnership aligned with your niche
- Implement refined content strategies across multiple platforms.
- Present a comprehensive content portfolio during the final demo day



Tool Training

MATLAB Computational Finance Suite - MATLAB & Simulink

- Develop Algorithmic Trading Models
- Option Pricing Frameworks: Implement Black-Scholes, Binomial, and Monte Carlo simulation models for option pricing
- Portfolio Optimisation Techniques: Apply Modern Portfolio Theory and Mean-Variance Optimisation
- Time Series Analysis: Model and forecast financial data using ARIMA and GARCH models

Capstone Project

Build a Commodities and Forex Portfolio Using Simulation

- Setting up realistic market conditions
- Simulating commodities and forex pairs
- Technical and fundamental analysis tools for simulation
- Backtesting trading strategies with historical data
- Simulating risk management techniques (stop-loss, take-profit)
- Evaluating trading performance and metrics
- Real-time simulation with live market data feeds
- Advanced trading strategies in commodities and forex
- Psychological aspects of trading in simulated environments
- Tools: MATLAB, Meta Trader, MCX (Multi Commodity Exchange) simulator, Zerodha

Module 4 Advanced Risk Management and Derivatives

How to Stress-Test Your Portfolio with VaR and Scenario Analysis

- Model 1: Historical VaR simulation
- Model 2: Monte Carlo Simulation for risk
- Model 3: Parametric VaR (variance-covariance)
- Model 4: Stress testing with hypothetical shocks
- Model 5: Scenario analysis with tail risks
- Model 6: Backtesting VaR models
- Model 7: Conditional VaR (CVaR) application
- Model 8: Factor sensitivity testing
- Model 9: Multi-factor stress testing
- Model 10: Extreme event simulation

How to Use Exotic Derivatives for Complex Scenarios

- Barrier Options
- Asian Options
- Lookback Options
- Spread Options
- Quanto Options
- Swaptions
- Compound Options
- Cliquet Options
- Digital Options
- Forward Start Options

How to Manage Portfolios with Dynamic Hedging

- Delta Hedging
- Gamma Scalping
- Vega Hedging
- Theta Management
- Portfolio Insurance Strategy
- Constant Proportion Portfolio Insurance (CPPI)
- Dynamic Rebalancing
- Risk Parity Approach
- Volatility Targeting
- Time-Weighted Hedging

How to Apply Volatility Metrics in Risk Management

- Model 1: ARCH & GARCH Model
- Model 2: Volatility Arbitrage
- Model 3: VIX Futures Trading
- Model 4: Volatility Spread Strategies
- Model 5: Straddle & Strangle Strategies
- Model 6: Volatility Clustering
- Model 7: Implied Volatility Surface
- Model 8: Delta Neutral Volatility
- Model 9: Black-Scholes with Volatility Inputs

How to Design Stochastic Models for Risk Assessment and Scenario Planning

- Stochastic Processes for risk assessment
- Monte Carlo simulations for scenario planning
- Brownian Motion in financial modeling
- Geometric Brownian Motion (GBM) for asset pricing
- Mean-Reverting Models for interest rates
- Jump Diffusion Models for market shocks
- Simulating portfolio returns using Stochastic Models
- Stress testing with Stochastic Scenarios
- Risk neutral valuation and hedging
- Scenario analysis with Stochastic Models

How to Overcome Cognitive Biases for Smarter Investment Decisions

- Psychology For Traders
- Traders State Of Mind
- Mindfulness For Traders
- The Mental Trading Game



OutClass

Regulatory Compliance and Business Planning

- Understand SEBI Regulations: Study SEBI guidelines to ensure legal compliance
- Develop Business Plan: Outline mission, services, target market, and revenue models
- Establish Legal Entity: Choose appropriate legal structure and complete necessary registrations
- Design Operational Framework: Set internal policies and compliance protocols

Tool Training

MATLAB Computational Finance Suite - MATLAB & Simulink

- Risk Management Simulations: Calculate Value at Risk (VaR) and Conditional VaR (CVaR); conduct stress testing of portfolios
- Use Monte Carlo simulations for pricing options and forecasting asset prices.
- Interest Rate Modeling: Simulate and forecast interest rates using models like Vasicek and Cox-Ingersoll-Ross (CIR)
- Volatility Surface Construction: Analyse and visualise market volatility surfaces for options pricing
- Stress Testing and Scenario Analysis: Perform scenario analysis and stress testing of financial models under extreme market conditions

Capstone Project

Develop Advanced Risk Management and Derivative Strategies

- Develop Dynamic Hedging Techniques
- Barrier Options and Swaptions
- Credit Default Swap (CDS) Strategies
- VaR and Stress Testing
- Volatility Surface Modeling
- Tail Risk Management Approaches
- Stress test reports.
- Tools: MetaTrader, MATLAB

Module 5 Real Estate and Alternative Investments

How to Identify Opportunities in REITs

- Net Asset Value (NAV) Analysis
- Funds from Operations (FFO) Metric
- Debt-to-Equity Ratio Assessment
- Cap Rate Valuation Method
- Dividend Discount Model (DDM)
- Real Estate Market Cycles Analysis
- REITs Liquidity Risk Analysis
- REIT Tax Structure Strategy
- Property Sector Diversification Strategy



How to Diversify Portfolios with Alternate Investments

- Modern Portfolio Theory (MPT)
- Risk Parity Model
- Private Equity Due Diligence Framework
- Hedge Fund Multi-Strategy Approach
- Real Assets Investment Strategy
- Cryptocurrency Portfolio Diversification
- Distressed Asset Value Investing
- Sharpe Ratio and Sortino Ratio for Alternatives
- Value-at-Risk (VaR) for Alternative Investments

How to Invest Sustainably with ESG Metrics and Green Bonds

- Evaluating ESG Metrics
- Green Bond Selection Strategies
- Carbon Footprint Analysis
- Sustainable Portfolio Construction
- Impact Investing Techniques
- ESG Scoring Frameworks
- Regulatory Compliance in ESG Investing
- Risk Assessment for Green Investments

How to Leverage Urbanisation and Tech-Driven Trends in Real Estate

- Urbanisation Impact Analysis
- Smart Cities Investment Opportunities (IoT, AI and BigData)
- PropTech Integration Strategies
- Demographic Trend Forecasting
- REITs in Urban Development
- AI-Driven Real Estate Valuation
- Sustainable Urban Development Projects

How to master Debt Trading: Practical Strategies for Navigating Bond Markets

- **Bond Terminology:** Key terms like coupon, par value, YTM
- **Bond Pricing:** Present value calculations, price impact of interest rates
- **Yield Curves & Spreads:** Interpreting yield curves and spread analysis
- **Bond Laddering:** Passive strategy dividing investments by maturity
- **Indexing Strategy:** Mimicking bond index performance (e.g., Barclays Aggregate)
- **Immunisation Strategy:** Matching portfolio duration with investment horizon
- **Active Bond Strategy:** Selective bond picks to maximize returns
- **Tactical Allocation:** Adjusting portfolio based on market conditions



How to Unlock Investment Opportunities with CDOs and ABS

- Collateralised Debt Obligations (CDOs)
- Asset-Backed Securities (ABS)
- CDO Tranches (Senior, Mezzanine, Equity)
- ABS Securitization Process
- Cash Flow Waterfall Structure
- Synthetic CDOs
- CDO Arbitrage Strategies
- ABS Credit Enhancements (Over-collateralisation, Reserve Accounts)
- Mortgage-Backed Securities (MBS)
- CDO Risk Management Techniques

OutClass

Client Strategies and Portfolio Management

- **Create Client Acquisition Strategies:** Develop marketing and sales plans to attract clients
- **Design Investment Portfolios:** Tailor portfolios to clients' goals and risk tolerance
- **Integrate Technology:** Implement financial management software for efficient operations
- **Develop Risk Management Systems:** Monitor investment performance and ensure compliance

Tool Training

Python for Financial Data Analysis

- Master data cleaning techniques using **Pandas**, including handling missing data and outliers
- Merge and aggregate financial datasets for comprehensive analysis
- Understand and apply **time series analysis** to identify market trends
- Decompose time series data to analyze seasonal, trend, and residual components
- Implement forecasting techniques using **ARIMA** and **SARIMA** models
- Optimise investment portfolios using **Python**, applying **Modern Portfolio Theory**

Capstone Project

Design Sustainable Investment Strategies with ESG Metrics

- Design investment strategies incorporating **ESG metrics** and ethical considerations
- Analyse **ESG data** for potential investments in **real estate** and **green bonds**
- Tools: **Zerodha**, **Python**, **Eviews**

How to master the Basics of Blockchain and Cryptocurrencies

- **Blockchain Overview:** Learn blockchain's decentralized design and uses
- **Public vs. Private Blockchains:** Understand the differences and uses of both
- **Cryptocurrency & ICOs:** Explore digital currencies and ICOs
- **Top Cryptocurrencies:** Study leading coins like Bitcoin and Ethereum
- **Crypto Mining:** Learn how transactions are validated and miner incentives
- **Stock vs. Crypto Markets:** Compare stock and crypto markets
- **Risk Management & Psychology:** Manage risks and understand trader behaviors
- **Crypto Exchange & Trading:** Learn how to buy, sell, and trade cryptocurrencies

How to Trade Crypto Like a Pro: Advanced Strategies and Risk Management

- **Fundamental Analysis:** Evaluate crypto value through technology and demand
- **Technical Analysis:** Study charts and trends for trading decision
- **Crypto Trading Strategies:** Explore day trading, swing trading, and long-term holding
- **Crypto Futures:** Understand contracts to buy/sell crypto at future prices
- **Crypto Options:** Learn about buy/sell contracts with set prices
- **Margin Trading & Lending:** Explore borrowing funds for larger trades
- **Platform Walkthroughs:** Guided tours of crypto trading platforms
- **Legality & Taxation:** Understand crypto legal and tax issues
- **Crypto Scams:** Identify common scams and protect investments



How to Master Bitcoin and Ethereum Trading?

- **Introduction to Bitcoin and Ethereum:** What are Bitcoin and Ethereum and how do they work?
- **Bitcoin & Ethereum's Technology:** Blockchain, mining, and security differences
- **Value Comparison:** Bitcoin as a store of value vs. Ethereum as a platform for smart contracts
- **Buying & Storing Bitcoin and Ethereum:** Setting up wallets and making secure purchases
- **Advanced Concepts:** Bitcoin halving, Ethereum's scalability solutions, and innovations like Ethereum 2.0
- **Investing in Bitcoin and Ethereum:** Strategies, risks, and market analysis for both
- **Legal & Regulatory Issues:** Compliance and tax considerations for Bitcoin and Ethereum
- **Security Best Practices:** Protecting Bitcoin and Ethereum from scams and theft
- **The Future of Bitcoin and Ethereum:** Global adoption, sustainability debates, and technological advancements

How to Leverage Private Equity & Venture Capital Strategies for Capital Markets Trading

- Introduction to **Private Equity (PE) & Venture Capital (VC)** in Trading
- Core concepts in **Capital Markets and Trading**
- **PEVC's** influence on market dynamics and liquidity
- Identifying **high-potential PEVC-backed companies** for trading
- Valuation techniques for **PEVC** investments in public markets
- Developing **PEVC-based trading strategies** (long/short, arbitrage, etc.)
- Hands-on trading using **PEVC-backed securities** (stocks, bonds, options)
- Risk and reward assessment in **PEVC** trading portfolios
- Leveraging **PEVC** data for **algorithmic and quantitative trading strategies**
- Advanced strategies: **Distressed asset investing & secondary market deals**
- Trading **PEVC-backed IPOs and SPACs (Special Purpose Acquisition Companies)**
- Real-time simulation of **PEVC** trading strategies and portfolio management
- Evaluating the impact of **PEVC exits** (IPOs, M&As) on market performance

How to Analyse Global Capital Flows

- Capital Flows, FDI, Trade Balance Analysis
- Portfolio investments, direct investments, remittances, loans
- Digital economies and green trade policies
- BoP analysis, current account evaluations
- FDI trends in sustainability and tech-focused sectors
- Digital currencies, fintech, and ESG investments

How to Navigate Taxation and Risks in Global Investments

- Taxation-DTAs
- Taxation of Different Asset Classes (equities, bonds, real estate, and crypto)
- ETFs, REITs
- FATCA, CRS, and reporting requirements for foreign investments
- ESG and Sustainability Risks
- Risks in global investments

OutClass

WealthPreneur: Build Your Own Wealth Management Firm

- Targeting HNWIs and Pilot Programme Execution
- Develop HNWI Strategies: Tailor services to attract high-net-worth individuals
- Launch Pilot Program: Offer services to select clients for practical experience
- Evaluate Performance: Assess pilot outcomes and gather client feedback

Tool Training

Python for Financial Data Analysis

- Implement Monte Carlo simulations to model portfolio risk
- Backtest trading strategies using Python and historical data
- Integrate APIs to fetch real-time market data for strategy execution
- Apply machine learning models, such as linear regression and decision trees, for price prediction
- Perform feature engineering on stock market data to enhance model accuracy

Capstone Project

Blockchain and CryptoCurrency Mastery

- Analyse public vs. private blockchains with real-world examples
- Compare top cryptocurrencies like Bitcoin and Ethereum
- Create a trading strategy using fundamental and technical analysis
- Demonstrate buying, selling, and trading
- Simulate Bitcoin investment performance and analyze trends
- Research cryptocurrency regulations and tax implications
- Tools: CoinDCX, Bitsgap



Empower Your Trading with *Advanced Tools and Platforms*

Leverage powerful tools and platforms to optimise your trading strategies, analyse data, and build financial models for a competitive edge in capital markets.



**Bloomberg
Terminal**



MCX

CoinDCX

ZERODHA

and many more



Admission *Criteria*



Academic Background

We welcome candidates from diverse educational backgrounds. Whether you've completed formal education or have gained knowledge through experience, we value a strong passion for learning and personal growth.



Financial Acumen

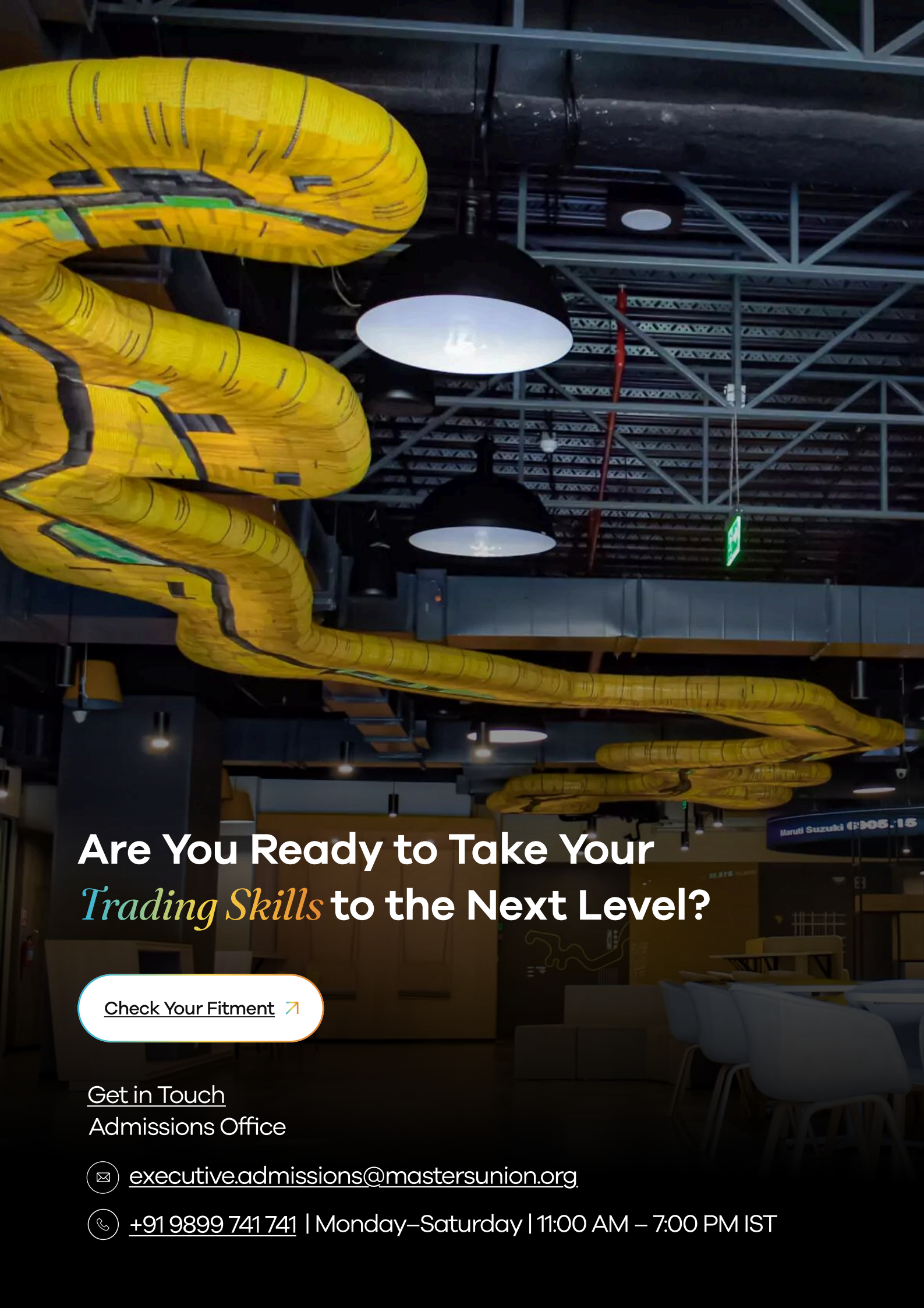
While financial knowledge is helpful, it's not a requirement. If you have a curiosity about finance and are eager to build your skills, the CMT Programme is here to help you grow and develop in this area.



Critical Thinking

We look for individuals who can approach problems with clarity, curiosity, and sound judgement. If you enjoy analysing challenges and making thoughtful decisions, you'll thrive in the CMT Program.





Are You Ready to Take Your *Trading Skills* to the Next Level?

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Admissions Office

✉ executive.admissions@mastersunion.org

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