

CHARTERED MARKET TECHNICIAN (CMT)



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Introduction

Chartered Market Technician (CMT) is a professional designation that confirms proficiency in technical analysis of the financial markets. The CMT designation requires completion of an education program and examination series in technical analysis. Chartered Market Technicians Association (CMTA) oversees the program curriculum and administration of exams. Candidates who pass all three examination levels of the program can earn the Chartered Market Technician designation, which certifies that the individual is competent in technical analysis.

Who should attend?

Anyone attempting Chartered Market Technician (CMT) in 2021 can attend. Also, those willing to learn Technical Analysis or Systematic Trading / Investing.

Career Info

Many CMTs have moved forward with rich and rewarding careers. Some invented indicators or a unique trading methodology; some became analysts, traders, mentors, authors and system designers. Some became independent traders, while many work for the exchanges, hedge funds, firms and brokerages that cover many different markets. Brokerage firms, trading groups and other financial companies employ market technicians. These professionals use mathematics, data and analytic techniques to chart existing market prices to show trends and future pricing. The opportunities are immense and the rewards are great.

CMT is the only technical analysis training designed by professionals, for professionals. The program provides the tools investors need to trade successfully on their own, or become a technical analyst. Some of the best minds in the industry have completed this certification, demonstrating its value and increasing its recognition. For those serious about technical analysis, this is a program worth considering because it will not only enhance your knowledge - it should also help you make money.

CMT Level 1 course shall cover the basic concepts and principles on:

- An Introduction to Technical Analysis, History and Construction of Charts
- Modern Portfolio Theory, Efficient Market Hypothesis (EMH) and Adaptive Market Hypothesis
- Government, Companies and Hard Assets
- Indices, Index Construction and VIX Index
- Dow Theory and Trends
- Moving Averages and Trend-lines
- Bar Charts and Short-term Patterns
- Candlestick Patterns
- Breakouts, Stops, and Retracements
- Momentum Indicators, Volume Indicators and Confirmations
- Measuring Market Strength
- Breadth Indicators, Consensus and Commitment Indicators
- Elliot Wave Principle and Fibonacci Price Analysis
- Point and Figure Charts and Patterns
- Relative Strength Comparison
- Seasonality and Calendar Patterns
- Objective Rules and Their Evaluation
- The Model-Building Process
- Basic Concepts and Calculations
- Behavioral Finance and Ethics

CMT Level 2 course shall cover the concepts and principles on:

- Contrast the use of various moving averages & the concept of Directional Movement
 - Trend Systems and Trading multiple Timeframes
 - Time-Based Trend Indicators and Time Cycles
 - Comparing momentum, RSI, Stochastic oscillators with similar calculation periods
 - Regression Analysis, linear regression, multiple regression and ARIMA model
 - Correlation coefficient methods
 - The basic concept of Inter-market Analysis and sector rotation
 - To identify a cycle by removing trend from price series
 - Determine appropriate asset selections based on trend and forecast
 - Identify the relative strength of an individual stock compared to a benchmark
 - How buy and sell signals are used with indicators and tools for measuring trend
 - To select and identify entry and exit signals of a trend following system and mean reversion system using a momentum indicator
 - Data Mining and using technical analysis in system development
 - The importance of using a system for trading or investing, differences between a discretionary and nondiscretionary system
 - The mind-set and discipline required to develop and trade with a system
 - The basic procedures for designing a system and the role risk management
 - Identify and evaluate various ways to test a system
 - Compare / analyze standard measures of system performance, profitability and risk
 - Active and Passive Money Management, example of relative return and absolute return
 - The Gap Theory and Prospect Theory
 - Interpret Volume Indicators, Open Interest and Breadth Indicators
 - Consensus and Commitment Indicators
 - Adopting the scientific methods in technical analysis and the three forms of EMH
 - Theories of Nonrandom Price Motion
 - Stock Market Model and Simple Model for Bonds
 - Implied Volatility and VIX Index
 - Behavior Finance, Various Biases, Inertial Effects and Ethics
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Trainer

Sovit Manjani is a Chartered Market Technician and Co-Founder, Head of Trading Strategies at Dravyaniti Consulting LLP. He has designed and developed various Profitable Algorithmic Trading Systems based on Technical Indicators for Stocks, Futures and Indices. He has also been live trading and executing these strategies from past many years which enable him to combine theory and practical. Read more about him at: <https://www.moneycontrol.com/news/business/markets/sovit-manjani-an-accountants-journey-to-becoming-a-systems-trader-4076691.html>

He is a faculty at the BSE Institute for Certificate Program on Technical Analysis and has coached numerous CMT aspirants for all three levels. He also conducts Systematic Trading workshops and has trained CFA's, CMT's, CA's for Algorithmic trading. Listen to his podcast:

<https://www.youtube.com/watch?v=qhxE1B9Ddg4>

CMT Level 3 course shall cover the concepts and principles on:

- Calculate and measure risk, differentiate between diversifiable vs correlated risk
 - Significance of a martingale betting strategy to trading
 - Compare & analyze types of stops and manage risk
 - Calculate the minimum capital needed for trading a system
 - Determine an appropriate percent of capital for one system
 - The use of performance and risk metrics for trading systems, portfolios & individual securities
 - Differences of various performance & risk metrics, determine suitability for a given objective
 - General problems encountered when testing a system, checks to verify validity of daily data
 - How to measure risk factors such as news, volatility, etc.
 - Stop placement based on VaR calculation
 - Calculate the amount of money at risk in a portfolio
 - Analyze fat-tailed distributions among returns data
 - Why the null hypothesis should be the target of any system developer's research
 - Identify the strongest correlations in various timeframes
 - Analyze & interpret relative strength of different assets, Interpret relative rotation graphs
 - Identify leading, coincident & lagging indicators of economic activity
 - Analyze & interpret inter-market indicators & divergence signals from them
 - Characteristics of various alternative investment types & why one might consider them
 - Identify implications & difference between cognitive errors & emotional biases
 - Understand investor psychology of trends, ranging action & breakouts & trends tend to persist
 - Identify behavioral elements with market reversals & reasons for irrationality at turning points
 - Explain & recognize evidence for 5 stages of a bubble.
 - Using the volatility ratio, compare the volatility of an event day in a stock to most other days
 - Contrast different measures of volatility & Interpret changes in it as a signal for forecasting
 - Identify subcomponents of portfolio volatility and how it may be affected by diversification
 - Calculate the expected move of an index or security based on volatility measures
 - Why liquidity and volatility filters should be used in systems
 - Analyze potential patterns in price data & their validity as trading signal
 - Analyze gaps for potential trading opportunities
 - Evaluate various multiple time frame methods & benefits of multiple time frame
 - Interpreting continuation and reversal candlestick patterns in a market context
 - Understand significance of candlestick patterns, use them to pinpoint reversals & breakouts
 - Integrate technical studies, recent trend to candlestick charts effectively
 - Recognize implications of candle patterns, gaps, support & resistance as a chart progress
 - Evaluate risk & reward of a trade based on a given candle pattern setup
 - General guideline of validity to most trading or investment systems based on technical
 - Validate a trading system by comparing it to the observations
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Registration details

Start Dates: 3rd July 2021 for Level 1.

Venue: Cisco Webex Interactive Live Webinar

Duration: 4 hours on Saturdays i.e. 3 PM to 7 PM for 5 months.

Fees Level 1: 35,000/- + 18% GST <https://www.payumoney.com/events/#/eventDetails/cmtlevel1>

Fees Level 2 or 3: 45,000/- +18% GST <https://www.payumoney.com/events/#/eventDetails/cmt2or3>

For more details on CMT Program visit <http://www.cmtassociation.org/>