

# Education Lesson Inventory

## General Futures Courses

### Introduction to Futures :

Definition of a Futures Contract	Additional languages: 简体中文   한국어   HE
Learn About Contract Specifications	Additional languages: 简体中文   한국어   HE
Understanding Contract Trading Codes	Additional languages: 简体中文   한국어   HE
Get to Know Futures Expiration and Settlement	Additional languages: 简体中文   한국어   HE
Tick Movements: Understanding How They Work	Additional languages: 简体中文   한국어   HE
What are Price Limits and Price Banding	Additional languages: 한국어   HE
About Contract Notional Value	Additional languages: 简体中文   한국어   HE
Mark-to-market	Additional languages: 한국어   HE
Margin: Know What's Needed	Additional languages: 한국어   HE
Understanding Futures Expiration & Contract Roll	Additional languages: 한국어   HE
Price Discovery	Additional language: 한국어   HE
Calculating Futures Contract Profit or Loss	Additional language: 한국어   HE
Understanding the Role of Speculators	Additional languages: 简体中文   한국어   HE
Understanding the Role of Hedgers	Additional languages: 简体中文   한국어   HE
Trading Venues (pit vs online)	Additional languages: 한국어   HE
Midwest Grain Trade: History of Futures Exchanges	Additional languages: 한국어   HE
Futures Contracts Compared to Forwards	Additional languages: 한국어   DE   HE
What is Volume?	Additional languages: 한국어   HE
Futures Open Interest	

### Things to Know Before Trading CME Group Futures

Getting Started with your Broker	Additional language: 한국어
Submitting a Futures Order	Additional language: 한국어
Futures Order Types	Additional language: 한국어
What happens when you submit an order?	Additional language: 한국어
Position and Risk Management	Additional language: 한국어
Closing Your Position	Additional language: 한국어

### Trading Psychology

- Emotional Intelligence
- The Importance of Self-Confidence
- The Mathematics of Trading Success
- Planning for Trading Losses
- Making It Real
- Qualities of Successful Traders

- Additional languages: 简体中文 | 한국어

### Learn about Key Economic Events

- What is Gross Domestic Product (GDP)?
- About the Retail Sales Report
- What is the Non-Farm Payroll Report?
- Understanding Consumer Price Index and Product Price
- Understanding U.S. Housing Data
- What is the European Central Bank?
- Understanding the FOMC Report
- Understanding the Oil Data Report
- The Importance of Consumer Confidence Surveys

- Additional languages: 简体中文 | 한국어

### Understanding the Benefits of Futures

- The Benefits of Portfolio Diversification
- The Benefits of Day Trading Futures
- The Benefits of Liquidity
- The Benefits of Managing Contract Expiration
- The Benefits of Futures Margin
- The Benefits of Open Access to Futures
- The Power of Leverage
- Understanding the Benefits of the Bid-Offer Spread

- Additional language: 한국어

### Futures vs. ETFs

- What is an ETF?
- Why Trade Futures instead of ETFs?
- Reasons to Trade E-mini Russell 2000 Futures Over Russell 2000 ETF(IWM)
- Options on Futures vs ETFs

- Additional language: DE
- Additional language: DE
- Additional language: DE
- Additional languages: 한국어 | DE | HE

## Understanding Futures Spreads

- Futures Spread Overview
- Metals Intramarket spreads
- Eurodollar Intramarket Spreads
- Grain Intramarket Spreads and Storage
- Rolling an Equity Position Using Spreads
- Equity Intermarket Spreads
- Gold & Silver Ratio Spread
- Learn about the 1:1 Crack Spread
- Understanding Intermarket Spreads: Platinum and Gold
- Treasury Intermarket Spreads - The Yield Curve
- Spread Trading with E-mini Russell 2000 Futures

Additional languages: 한국어

## Trading at a Basis to an Index (BTIC & TACO)

- Understanding Basis Trade at Index Close (BTIC)
- Basis Trade at Index Close (BTIC) for TOPIX Futures
- Introduction to Trade at Cash Open (TACO)

## General Options Courses

### Introduction to Options

Introduction to Options	Additional languages: 简体中文   한국어   HE
Understanding Option Contract Details	Additional language: 简体中文   한국어   HE
Get to Know Underlying (Options on Futures)	Additional languages: 简体中文   한국어   HE
What is Exercise Price (Strike)?	Additional languages: 简体中文   한국어   HE
What is Expiration Date (Expiry)?	Additional languages: 简体中文   한국어   HE
Explaining Call Options (Short and Long)	Additional languages: 简体中文   한국어   HE
Explaining Put Options (Short and Long)	Additional languages: 简体中文   한국어   HE
Understanding AM/PM Expirations	Additional languages: 简体中文   한국어   HE
Learn About Exercise and Assignment	Additional languages: 简体中文   한국어   HE
Understanding the Difference: European vs. American Style Options	Additional languages: 简体中文   한국어   HE
Calculating Options Moneyness & Intrinsic Value	Additional languages: 简体中文   한국어   HE
Understanding Options Expiration (Profit and Loss)	Additional languages: 简体中文   한국어   HE
Introduction to Options Theoretical Pricing	Additional languages: 简体中文   한국어   HE
Discover Options Volatility	Additional languages: 한국어   HE
Put-Call Parity	
Options on Futures vs ETFs	Additional languages: 한국어   HE

### Options on Futures for Equity Traders

Trading Options on Futures Using Strategies You Already Know	Additional language: 한국어
Influence of Pricing on the Option for Equity Traders	
Why Options on Futures Gives Added Benefit of Diversifying Risk	Additional language: 한국어
Trading Options During Economic Events	Additional language: 한국어

### Option Greeks

Options Delta – The Greeks	Options Gamma – The Greeks
Options Theta – The Greeks	Options Vega – The Greeks
Options Premium and the Greeks	

### Option Strategies

Straddles	Strangles	Option Butterfly
Option Ratio Spreads	Option Calendar Spreads	Bull Spread
Bear Spread	Covered Calls	Collars

## Ags Courses

### Introduction to Grains and Oilseeds

Learn About Agricultural Markets

Additional language: HE

Get to know Agricultural Options on Futures

Additional language: HE

Grain and Oilseed Overview

Additional languages: 简体中文 | 한국어 | ES | PT | HE

Learn about Corn Production, Use, and Transportation

Additional languages: 简体中文 | 한국어 | ES | PT | HE

Soybean Production, Use, and Transportation

Additional languages: 简体中文 | 한국어 | ES | PT | HE

Wheat Production, Use, and Transportation

Additional languages: 简体中文 | 한국어 | ES | PT | HE

Understanding Grains Volatility and Supply and Demand

Additional languages: 简体中文 | 한국어 | ES | PT | HE

Understanding Seasonality in Grains

Additional languages: 简体中文 | 한국어 | ES | PT | HE

Learn about Basis: Grains

Additional languages: 简体中文 | 한국어 | ES | PT | HE

Learn about Grain Convergence

Additional languages: 简体中文 | 한국어 | ES | PT | HE

How to Hedge Grain Risk

Additional language: 한국어 | ES | HE

Grain Intramarket Spreads and Storage

Additional language: 한국어 | HE

Overview of Grain Intercommodity Spreads

Additional languages: 简体中文 | 한국어 | ES | PT | HE

Understanding Soybean Crush

Additional languages: 简体中文 | 한국어 | ES | PT | HE

Understanding The Grain Delivery Process

Additional languages: 简体中文 | 한국어 | ES | PT | HE

### Introduction to Livestock

The Livestock Overview

Additional languages: ES

Livestock Hedging and Risk Management

Additional languages: 한국어 | ES

Fundamentals and Their Impact on Livestock Prices

Additional language: 한국어 | ES

Learn about Basis: Livestock

Additional language: 한국어 | ES | PT

Understanding Seasonality: Livestock

Additional language: 한국어 | ES | PT

## Introduction to Dairy

- Dairy Overview
- Federal Milk Marketing Orders
- Dairy Price Reporting and Settlement Prices
- Understanding Supply and Demand: Dairy
- CME Dairy Spot Markets
- Buying Futures for Protection Against Rising Dairy Prices
- Selling Futures for Protection Against Falling Dairy Prices
- Establishing a Ceiling Price by Buying Dairy Call Options
- Establishing a Floor Price by Buying Dairy put Options
- Learn about Dairy Strips and Spreads
- Establishing a Dairy Selling Price Range
- Establishing A Dairy Buying Price Range
- Dairy Basis

## Hedging with Grain and Oilseed Futures and Options

### Risk Management Strategies for Buyers of Commodities

- |   |                         |
|---|-------------------------|
| Buying Futures for Protection Against Rising Prices       | Additional language: HE |
| Establishing a Ceiling Price by Buying Grain Call Options | Additional language: HE |
| Lowering a Grain Purchase Price by Selling Put Options    | Additional language: HE |
| Establishing a Grain Buying Price Range                   | Additional language: HE |
| Comparing Grain Buying Strategies                         | Additional language: HE |

### Risk Management Strategies for Sellers of Commodities

- |  |                               |
|--|-------------------------------|
| Selling Futures for Protection Against Falling Prices    | Additional language: HE       |
| Establishing a Floor Price by Buying Put Options         | Additional languages: ES   HE |
| Establishing a Selling Price Range using Grain Options   | Additional language: HE       |
| Increasing a Grain Selling Price by Selling Call Options | Additional language: HE       |
| Comparing Grain Selling Strategies                       | Additional language: HE       |

## Hedging with Livestock Futures and Options

- Buying Futures for Protection Against Rising Livestock Prices
- Establishing a Ceiling Price by Buying Grain Call Options
- Establishing a Buying Price Range for Livestock
- Selling Futures for Protection Against Falling Livestock Prices
- Establishing a Livestock Selling Price Range
- Establishing A Floor Price by Buying Livestock Put Options

## Understanding Livestock Markets

### Introduction to Livestock

The Livestock Overview

Livestock Hedging and Risk Management

Additional language: 한국어

Fundamentals and Their Impact on Livestock Prices

Additional language: 한국어

Learn about Basis: Livestock

Additional language: 한국어

Understanding Seasonality: Livestock

Additional language: 한국어

### Hedging with Livestock Futures and Options

Buying Futures for Protection Against Rising Livestock Prices

Establishing a Ceiling Price by Buying Livestock Call Options

Establishing a Buying Price Range for Livestock

Selling Futures for Protection Against Falling Livestock Prices

Establishing A Floor Price by Buying Livestock Put Options

Establishing a Livestock Selling Price Range

## Standalone Lessons – Agriculture

What are Short Dated New Crop Options

Additional language: ES

Trading at Settlement (TAS) for Agricultural Futures

Additional language: 简体中文 | 한국어 | ES

Soybeans Product Overview

Wheat Product Overview

Corn Product Overview

Live Cattle Product Overview

Lean Hogs Product Overview

## Energy Courses

### Introduction to Energy

#### Introduction to Power

Understanding Basics of the Power Market  
 Energy Market and Risk Management with Options  
 Managing Risk in the Capacity Market  
 Understanding Basics of the Power Market

Additional language: 한국어

#### Introduction to Crude Oil

Discover WTI: A Global Benchmark  
 Learn about Crude Oil Across Asia Region  
 Understanding Crude Oil in the United States  
 Introduction to European Crude Oil

Additional languages: 简体中文 | 한국어

Additional languages: 简体中文 | 한국어

#### Introduction to Natural Gas

Natural Gas Overview  
 Understanding Supply and Demand: Natural Gas  
 Understanding Natural Gas Risk  
     Management Spreads & Storage  
 Understanding Henry Hub  
 An Overview of Natural Gas  
     Risk Management: Product & Basis

Additional languages: 简体中文 | 한국어

Additional languages: 简体中文 | 한국어

Additional languages: 简体中文 | 한국어

## Standalone Lessons – Energy

- The Importance of Cushing, Oklahoma
- A Look into the Refining Process
- Understanding Commodity Storage
- Introduction to Natural Gas Seasonality
- Crude Oil: Futures versus ETFs
- WTI Product Overview
- Brent Crude Product Overview
- RBOB Product Overview
- Nat Gas Product Overview
- Heating Oil Product Overview
- Fixing Refiner Margins Through a Simple 1:1 Crack Spread
- Oil ETF vs WTI

## Equity Index Courses

### Introduction to Equity Index Products

What is an Index Future?	Additional languages: 简体中文   한국어
Discover Equity Index Notional Value & Price	Additional languages: 简体中文   한국어
Understanding Equity Index Daily & Final Settlement	Additional languages: 简体中文   한국어
The Importance of Depth (Volume)	Additional languages: 简体中文   한국어
Who Uses Equity Index Products?	Additional language: 한국어
What is Equity Index Basis?	Additional languages: 简体中文   한국어
Rolling an Equity Position Using Spreads	Additional languages: 简体中文   한국어
Hedging and Risk Management for Equity Index Futures	Additional language: 한국어
Trading Opportunities in Equity Index Futures	Additional languages: 简体中文   한국어
Equity Intermarket Spreads	Additional languages: 简体中文   한국어
How to Trade Select Sectors	
Understanding Implied Liquidity in Select Sector Futures	Additional languages: 한국어
Communication Services Select Sectors	

### Learn About E-mini Russell 2000 Futures

Introduction to E-mini Russell 2000 Index Futures Contract
Spread Trading with E-mini Russell 2000 Futures
Reasons to trade E-mini Russell 2000 futures over Russell 2000 ETF (IWM)

### Portfolio Management with Equity Index Futures and Options

Alpha/Beta and Portable Alpha
Cash Equitization - Cash Drag in the Cross Hairs
Transition Management using Stock Index Futures
Beta Replication and Smart Beta

### Introduction to TOPIX

What is TOPIX?
Introducing TOPIX Futures
Migrating from iShares MSCI Japan ETF (EWJ) to TOPIX Futures
Basis Trade at Index Close (BTIC) for TOPIX Futures

## Understanding the E-mini Nasdaq-100

- E-mini Nasdaq-100 Product Overview
- E-mini Nasdaq-100 Futures Contract vs FANGs
- Why Trade Futures instead of ETFs?
- E-mini Nasdaq-100 Futures versus Nasdaq ETFs
- TCA tool: Cost Efficiencies between Nasdaq-100 futures and ETF
- Trading Opportunities in Equity Index Futures

## Introduction to Bitcoin

- What is Bitcoin?
- Introduction to Bitcoin Reference Rate
- What are Bitcoin Futures?
- Managing Bitcoin Futures Expiration: Rolling Forward

- Additional language: 日本語
- Additional language: 日本語
- Additional language: 日本語
- Additional language: 日本語

## Introduction to Ether

- Defining Ether and Ethereum
- CME CF Ether Reference Rate & Real Time Index

## Standalone Lessons – Equities

- E-mini S&P 500 Product Overview
- E-mini Dow Product Overview
- Nikkei Product Overview

## FX Courses

### Introduction to FX

What is FX  
 Understanding FX Quote Conventions  
 The Importance of FX Futures Pricing and Basis  
 Understanding the FX Delivery & Settlement Process  
 How to Manage Risk in FX  
 A Look at FX EFP

Additional language: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional language: 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어

### Standalone Lessons - FX

Euro FX Product Overview  
 Japanese Yen Product Overview  
 British Pound Product Overview  
 Canadian Dollar Product Overview  
 Australian Dollar Product Overview  
 FX Link: What is it?  
 FX Options Expiration Time Change

## Interest Rates Courses

### Introduction to Treasuries

Learn about the Treasuries Delivery Process  
 Understand Treasuries Contract Specifications  
 The Basics of Treasuries Basis  
 Get to know Treasuries CTD  
 How Can You Measure Risk in Treasuries?  
 Calculating U.S. Treasury Pricing  
 Treasuries Hedging and Risk Management  
 Treasury the Treasury Yield Curve

Additional language: 한국어

### Introduction to Eurodollars

What is LIBOR/What is Eurodollar  
 Understanding IMM Price and Date  
 What is the Eurodollar Settlement Process (cash settled)  
 The Importance of BPV  
 Understanding Convexity Bias  
 How to Trade Eurodollar Spreads  
 Understanding Eurodollar Strips  
 The Link Between Eurodollar Futures Pricing  
 and the Forward Rate Market  
 Understanding Packs and Bundles  
 Term Mid-Curve Eurodollar Options

Additional languages: 简体中文 | 한국어

Additional languages: 한국어

### Introduction to SOFR

What is SOFR  
 Trading SOFR Futures

## Understanding STIR Futures

- Fundamentals and Interest Rate Futures
- Understanding IMM Price and Date
- The Link Between Eurodollar Futures Pricing And The Forward Rate Market
- What is the Eurodollar Settlement Process (cash settled)
- The Importance of Basis Point Value (BPV)
- Understanding Convexity Bias
- What is LIBOR/What is Eurodollar
- Understanding the FOMC Report
- Introduction to Fed Fund Futures
- Introduction to CME Fed Watch
- What is SOFR
- Trading SOFR Futures
- What is SONIA?
- Trading SONIA Futures

## Introduction to SONIA

- What is SONIA?
- Trading SONIA Futures

## Standalone Lessons – Interest Rates

- Introduction to Fed Fund Futures
- Treasuries Product Overview

## Metals Courses

### Introduction to Precious Metals

Introduction to Precious Metals  
 Understanding Supply and Demand: Precious Metals  
 What is Contango and Backwardation  
 How and Where Precious Metals are Traded  
 What is the Precious Metals Delivery Process?  
 Introduction to Precious Metals Risk Management/Hedging and Ratios  
 Understanding the Precious Metals Spot Spread  
 Gold & Silver Ratio Spread  
 Understanding Intermarket Spreads: Platinum and Gold

Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional languages: 한국어 | DE  
 Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional language: 简体中文 | 한국어

### Introduction to Base Metals

Introduction to Base Metals  
 Understanding Supply and Demand: Base Metals  
 What is Contango and Backwardation  
 Metals Intra Market Spreads (generic)  
 What is the Base Metals Delivery Process  
 Learn About Base Metals Financing  
 How to Manage Base Metals Risk Management and Hedging  
 Cash Flow in Metals Futures vs Forwards

Additional languages: 简体中文 | 한국어 | DE  
 Additional languages: 简体中文 | 한국어 | DE  
 Additional languages: 한국어 | DE

### Introduction to Ferrous Metals

Understanding Supply and Demand: Ferrous Metals  
 What is Contango and Backwardation  
 Metals Intramarket spreads  
 Understand Hedging and Risk Management in Ferrous Metals

Additional languages: 한국어  
 Additional languages: 한국어 | DE  
 Additional languages: 한국어 | DE  
 Additional language: 한국어

### Standalone Lessons – Metals

Gold Product Overview  
 Silver Product Overview  
 Copper Product Overview  
 Platinum Product Overview  
 Palladium Product Overview

# Market Regulation Course

## Market Regulation

### Overview

CME Group Rules and Regulation Overview  
 Market Regulation: Meet the Team

Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어

### Wash Trades

Wash Trades - Definition of a Wash Trade  
 Wash Trades – Responsibility and Implications  
 Wash Trades – Automated Trading Systems  
 Wash Trades - Freshening

Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어

### EFRP

EFRP – What is an EFRP?  
 EFRP – Parties to an EFRP  
 EFRP – Pricing and the Related Position for EFRPs  
 EFRP – Reporting and Recordkeeping  
 EFRP – Prohibited Transitory EFRPs

### Block Trades

Block Trades – What is a Block Trade?  
 Block Trades – Participant Eligibility  
 Block Trades – Eligible Products, Times and Prices  
 Block Trades – Reporting and Recordkeeping  
 Block Trades – Pre-Hedging  
 Block Trades – TAS, TAM and BTIC

### Disruptive Practices Prohibited

Disruptive Practices Prohibited - General Information  
 Disruptive Practices Prohibited - Factors Mkt Reg Considers  
 Disruptive Practices Prohibited - Flipping  
 Disruptive Practices Prohibited - Spoofing  
 Disruptive Practices Prohibited - Additional examples  
 Disruptive Practices Prohibited - FAQs

Additional language: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional language: 简体中文 | 한국어  
 Additional languages: 简体中文 | 한국어  
 Additional language: 简体中文 | 한국어

### CME Globex Tag 50 ID Requirements

CME Globex Tag 50 ID Requirements - General Rule	Additional language: 简体中文   한국어
CME Globex Tag 50 ID Requirements - Registration and Requirements	Additional language: 简体中文   한국어
CME Globex Tag 50 ID Requirements - Individual and Team Tag 50s	Additional language: 简体中文   한국어

### Pre-Execution Communications

Pre-Execution Communications - Overview and Crossing Protocols

### Enforcement Process

Enforcement Process - Introduction and Initial Referral	Additional languages: 简体中文   한국어
Enforcement Process - Offer of Settlement	Additional language: 简体中文   한국어
Enforcement Process - Settlement Hearings	Additional languages: 简体中文   한국어
Enforcement Process - Probable Cause Committee	Additional language: 简体中文   한국어
Enforcement Process - Default Hearings	Additional language: 简体中文   한국어
Enforcement Process - Contested Hearings	Additional languages: 简体中文   한국어
Enforcement Process - Appeals	Additional languages: 简体中文   한국어

# Clearing Course

## Clearing

What is Clearing?

Clearing Market Structure

Clearing House Risk Management

Clearing House Activities

Clearing House Account Definitions

Additional language: 한국어

## Managed Futures Course

### Managed Futures

Evaluating CTAs Quantitative and Qualitative Factors

What are Managed Futures?

Compelling Reasons to Allocate to Managed Futures

Comparing CTA Strategies

## Trading & Analysis Courses

### Building a Trade Plan

- Step 1. Your Trade Plan Objective
- Step 2. Methodology Behind Your Trade Plan
- Step 3. Risk Management and Your Trade Plan
- Step 4. Trading Strategies in Your Trade Plan
- Step 5. Keep a Trade Log
- Trader Tips

- Additional language: 한국어

### Trading and Analysis

- Market Makers vs. Market Takers
- Liquidity and Immediacy
- Trading and Analysis – Fundamental Analysis
- Fundamental Trading Methods
- Technical Analysis
- Trend vs. Anti-Trend
- Support and Resistance Points

- Additional languages: 简体中文 | 한국어 | HE
- Additional languages : 简体中文 | 한국어 | HE

### Trade and Risk Management

- Risk Aversion
- Misconceptions of Taking Losses
- The 2% Rule
- Controlling Risk
- Proper Position Size
- System-Based vs. Discretionary Trading
- Setting Realistic Expectations

- Additional language: 한국어

### Technical Analysis

- Chart Types: Candlestick, Line, Bar
- Understanding Moving Averages
- Trend and Continuation Patterns
- Technical Patterns: Reversals
- Support and Resistance
- Fibonacci Retracements and Extensions
- Oscillators: MACD, RSI, Stochastics
- Fundamental Analysis vs Technical Analysis

- Additional language: 한국어

## Using Fundamental Analysis When Evaluating Trades

What is Fundamental Analysis?

Fundamental Analysis vs Technical Analysis

Fundamental Analysis - Futures Supply and Demand

Fundamentals and Equity Index Futures

Fundamentals and Energy Futures

Fundamentals and Interest Rate Futures

Fundamentals and FX Futures

Fundamentals and Agricultural Futures

Fundamentals and Metal Futures