

# Contents - Draft

Preface and Introduction .....	
Chapter 1 — Systems Development (10%) .....	
Process	
Objective Functions	
Entries	
Exits	
Chapter 2 — Trading Systems (10%) .....	
Potential	
Expectancy	
Trend Following	
Mean Reversion	
Pattern	
Seasonality	
Cycles	
Intermarket	
Multiple Time Frames	
Chapter 3 — Tradables (10%) .....	
Stocks	
Mutual Funds	

Exchange Traded Funds	
Futures	
Options	
FOREX	
Chapter 4 – Custom Backtester (15%) .....	
Structure	
Features	
Operation	
Examples	
Chapter 5 – Portfolios (20%) .....	
General Systems	
Order Resolution	
Generalized Rotational Systems	
Position Rebalancing	
Market Neutral Systems	
Pairs Trading	
Chapter 6 – Validation (10%) .....	
Logic and Parameters	
Optimization	
In-Sample / Out-of-Sample	
Walk Forward	
System Potential	
Statistics	
Chapter 7 – Risk Management (15%) .....	
Risk Assessment	
Risk Management	
Trading Accounts	
Frictional Costs	
Leverage	
Position Sizing	

- Trade Management
- Maximum Favorable Excursion
- Maximum Adverse Excursion
- Scale In / Pyramid
- Scale Out
- Fixed Ratio
- Fixed Fraction
- Equity Curve Analysis
- System Health
  
- Chapter 8 – Real Time Trading (10%) .....
- Signals
- Orders
- Interactive Brokers
  
- Appendix A – Glossary .....
- Appendix B – Resources.....
- Index .....
- Order Information .....