Delegate LVL1 Program Summary:

M1: Worldview Shift - This module explores how humans have viewed the world at different points in history, and distinguishes between two types of worldviews: disconnected and connected.

- **1.1 – Worldview Shift: Introduction**
  - 1.1.1 – A Comprehensive Perspective
  - 1.1.2 – What Is a Worldview and Why Is It Important
- **1.2 – Two Worldview Lenses**
- **1.3 – The Disconnected Worldview**
  - 1.3.1 – Scientific Perspective
  - 1.3.2 – The Importance of Shifting Our Worldview
  - 1.3.4 Consequences of a Disconnected Worldview
- **1.4 – Shifting Our Worldview**
  - 1.4.1 – A Natural Evolution of a Society
  - 1.4.2 – Shifting from Disconnected to Connected
  - 1.4.3 – Feeback is Inherent in Cosmic Evolution
- **1.5 – Roots of Unified Physics and a Connected Worldview**
- **1.6 – Implications of a Connected Worldview**
- **1.7 – Summary**

M2: Thinking Differently - This module covers the innovative thinkers throughout history that have challenged current worldviews and pioneered new ways of thinking. It explores their processes, methods, and insights.

- **2.1 – Thinking Differently: Introduction**
- **2.2 – The Courage to Be Bold**
  - 2.2.1 – Revolutions In Thinking
- **2.3 – Different Thinkers: Roots of Scientific Ideas, For Better or Worse**
  - 2.3.1 – Pythagoras
  - 2.3.2 – Plato
  - 2.3.3 – Euclid
  - 2.3.4 – Hypatia of Alexandria
  - 2.3.5 – Leonardo da Vinci
  - 2.3.6 – Nicolaus Copernicus
  - 2.3.7 – Giordano Bruno
  - 2.3.8 – Galileo Galilei
  - 2.3.9 – Johannes Kepler
  - 2.3.10 – Rene Descartes
  - 2.3.11 – Lady Anne Conway
  - 2.3.12 – Isaac Newton
  - 2.3.13 – Nikola Tesla
  - 2.3.14 – Max Planck
  - 2.3.15 – Albert Einstein
  - 2.3.16 – Barbara McClintock

- **2.4 – Nassim's Personal Story of Thinking Differently**
- **2.5 – Principles of Thinking Differently**
  - 2.5.1 – Question Everything
  - 2.5.2 – Intuitive Knowing
  - 2.5.3 – Follow The Breadcrumbs
  - 2.5.4 – Confirmations From Nature
  - 2.5.5 – The Solution Is Always Beautiful
- **2.6 – Changing Course: From 2D Isolation to Holographic Wholeness**
  - 2.6.1 – Modern Physics: 2D Isolation
  - 2.6.2 – Unified Physics: Holographic Wholeness
- **2.7 - Summary**

M3: Modern Physics - This module reviews the history of modern physics, and the major breakthroughs in thinking that have shaped our society, technology, and modern perception of reality. It also explores some of the assumptions inherent in many modern physics theories, and uncovers major problems with current leading theories in physics.

- **3.1 – Introduction**
- **3.2 – Reductionism**
  - 3.2.1 – Descartes
  - 3.2.2 – Newton and His Contention to Cartesian Thinking
  - 3.2.3 – A Flat Universe
  - 3.2.4 – Summary
- **3.3 – Closed Systems**
  - 3.3.1 – Energy
  - 3.3.2 – The Laws of Thermodynamics
  - 3.3.3 – Entropy
  - 3.3.4 – Summary
- **3.4 – Einstein and The Relativity Revolution**
  - 3.4.1 – Light and Special Relativity
  - 3.4.2 – Mass Energy Equivalence '
  - 3.4.3 – Gravity and Einstein's 'General' Theory of Relativity
  - 3.4.4 – Black Holes
  - 3.4.5 – Summary
- **3.5 – Quantum Theory**
  - 3.5.1 – What Does "Quantum" Mean?
  - 3.5.2 – Blackbody Radiation and the Ultraviolet Catastrophe
  - 3.5.3 – Planck Units
  - 3.5.4 – The Birth of Quantum Theory: (Bohr Model of the Atom/Double Slit)
  - 3.5.5 – Copenhagen Interpretation: (Heisenberg/Einstein/Schrodeinger/Yves Couder)
  - 3.5.6 – Quantum Field Theory: Vacuum Catastrophe
  - 3.5.7 – Summary
- **3.6 – The Standard Model**

- 3.6.1 – Fundamental Questions
- 3.6.2 – Particles
- 3.6.3 – The Strong Force
- 3.6.4 – The Higgs Mechanism & Higgs Boson
- 3.6.5 – Attempts at Unification
- 3.6.6 – Quantum Gravity
- 3.6.7 – Summary

- **3.7 – Summary of Modern Physics**

M4: Unified Physics - This module reveals insights that are changing the way we view the world through a more integrated, unified lens. Explore the breakthrough work of Nassim Haramein and other Academy Faculty, and discover the core principles of Unified Physics.

- **4.1 – Introduction to Unified Physics**
  - 4.1.1 – What is Unified Physics?
  - 4.1.2 – Big Unsolved Problems in Physics
  - 4.1.3 – Holographic Universe
  - 4.1.4 – Fractal Universe
  - 4.1.5 – Black Holes
- **4.2 – Space**
  - 4.2.1 – Modern Unified Theories & Space
  - 4.2.2 – 99.9999999999996% Space
  - 4.2.3 – What is Spacetime?
  - 4.2.4 – Dividing Spacetime (Quantization)
  - 4.2.5 – The Density of Spacetime & Holographic Information Storage
  - 4.2.6 – Dark Energy & The Expanding Universe
- **4.3 – Quantum Gravity**
  - 4.3.1 – Resolving the Vacuum Catastrophe
  - 4.3.2 – A Quantized Solution for Gravity
  - 4.3.3 – Gravity at the Quantum Scale
  - 4.3.4 – Predictiing the Radius of a Proton
  - 4.3.5 – Publishing the Solution and Predictions
  - 4.3.6 – Collective Quantum Coherence & The Source of Mass
- **4.4 – The Confining Force**
  - 4.4.1 – Introduction
  - 4.4.2 – The Hierarchy Problem
  - 4.4.3 – The Gravitational Coupling Constant
  - 4.4.4 – Energy and Spin of a Proton
  - 4.4.5 – A Unified view Emerges
  - 4.4.6 – Gravitational Falloff and The Yukawa Potential
  - 4.4.7 – Summary of Haramein's Solutions
- **4.5 – The Connected Universe**
  - 4.5.1 – The Holographic Network of Spacetime
  - 4.5.2 – Entanglement
  - 4.5.3 – The Universe is a Black Whole

- 4.5.4 – Experiencing Harmonics of the Planck Scale
- 4.5.5 – Cosmogenesis
- 4.5.6 – Continuous Creation Model

- **4.6 – Geometry & Spin**
  - 4.6.1 – The Torus
  - 4.6.2 – The Origin of Spin
  - 4.6.3 – The Geometry of Spacetime
- **4.7 - Summary**

M5: Ancient Origins - This module looks at the roots of Unified Physics in ancient cultures all over the world. Discover keys that suggest a global civilization not currently covered in our academic history books, and the advanced technologies and knowledge they may have held.

- **5.1 – Patterns, Symbols and Buckminster Fuller**
  - 5.1.1 – Cosmic Patterns and Ancient Origins
  - 5.1.2 Buckminster Fuller
  - 5.1.3 Pattern Integrity and Fractal Structures
- **5.2 – The Tetrahedral Structure of Space**
  - 5.2.1 – Fuller's Tangential Sphere-Packing Model
  - 5.2.2 – The Tetrahedron and Teotihuacan
  - 5.2.3 – 64 Tetrahedron Matrix
- **5.3 – All-Space Sphere Packing**
  - 5.3.1 – Haramein's Overlapping Sphere-Packing
  - 5.3.2 – Combining the Spheres and the 64 Tetrahedron Matrix
  - 5.3.3 PSU Tiling and The Flower of Life
- **5.4 – Signs from Ancient Times**
  - 5.4.1 – Controversy at Abydos
  - 5.4.2 – Cultural Synergy
  - 5.4.3 – The Chinese Connection
  - 5.4.4 – I Ching and Taijitu Symbology
  - 5.4.5 – Continuing Our Journey
  - 5.4.6 – The Face and Name of God
  - 5.4.7 – Pythagoras, Egyptians and the Tetragrammaton

- **5.5 – Journey of the Ark**
  - 5.5.1 – The Ark and the Bible
  - 5.5.2 – Box Within Boxes
  - 5.5.3 – Gravity Control
  - 5.5.4 – Evidence of Gravity Control in Egypt
  - 5.5.5 – Codes Through The Ages
  - 5.5.6 – Newton's Ancient Sources
  - 5.5.7 – The Order of the Knights Templar
  - 5.5.8 – The Ark in Ethiopia
  - 5.5.9 – The Templars in Europe
  - 5.5.X – Ancient Originsin Moderns Times
- **5.6 – Summary**

M6: Implications & Applications - This module takes us to the cutting edge of technology and consciousness, and beyond. Explore the powerful implications of applied Unified Physics, and discover the potential future of human life in the cosmos.

- **6.1 – Energy Generation and Gravity Control**
  - 6.1.1 – Quantum Vacuum Engineering
  - 6.1.2 – Isolated Systems and their Impact On Society
  - 6.1.3 – Overunity Energy Generation and Gravitational Modulation
  - 6.1.4 – Civilization's Graduation from Type 0 to Type 1 or More
  - 6.1.5 – The EmDrive
  - 6.1.6 – Engineering the Spacetime Vacuum
  - 6.1.7 – Ladies and Gentlemen, Spin Up Your Drives!
  - 6.1.8 – The So-Called Tajmar Effect
- **6.2 – ARK™ Crystal**
  - 6.2.1 – The ARK Resonator
  - 6.2.2 – ARK™ Crystal Experiments
  - 6.2.3 – Characterization of Biological Effects from Advanced Resonator Quartz Crystals
  - 6.2.4 – Materials and Experimental Methodology
  - 6.2.5 – Experimental Results
  - 6.2.6 – Faraday Cage ARK™ Crystal EM Shielding
  - 6.2.7 – Conclusions of ARK™ Crystal Plant Growth Experimentation
  - 6.2.8 – ARK™ Crystals for Personal Growth
- **6.3 – Biology and Awareness**
  - 6.3.1 – On The Unified Physics of Biology and Awareness
  - 6.3.2 – Cellular and Molecular Information Process
  - 6.3.3 – The Cellular Membrane
  - 6.3.4 – Deeper Dive: Cubic Membranes
  - 6.3.5 – The Cytoskeleton
  - 6.3.6 – Mitochondria and Electromagnetic Signaling
  - 6.3.7 – The Ubiquitous Presence of Awareness
  - 6.3.8 – Summary
- **6.4 – The Bright Future of Humanity**
  - 6.4.1 – Ecological Restoration
  - 6.4.2 – Planetary Terraforming
  - 6.4.3 – Traveling Through Wormholes
  - 6.4.4 – Humanity's Interstellar Future
- **6.5 – Summary & Course Completion**