



RIGGING LAB ACADEMY

MASTERS ROADMAP BLUEPRINT



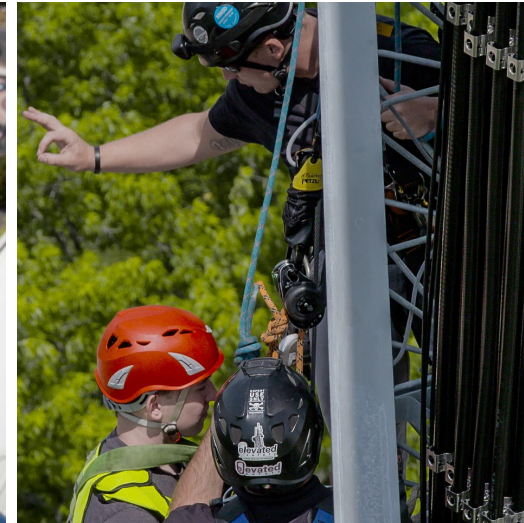
**CORNERSTONE 1
AWARENESS**



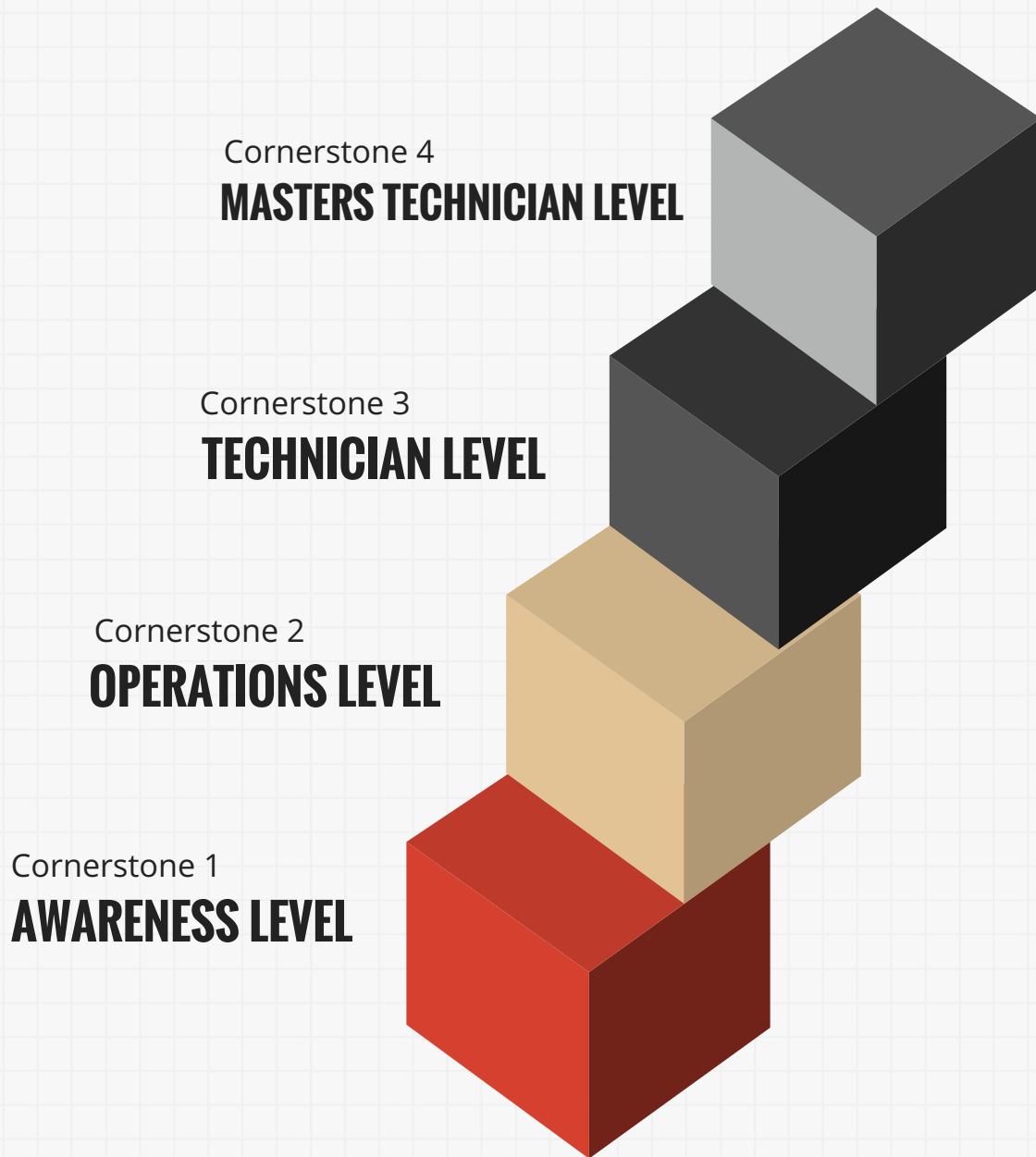
**CORNERSTONE 2
OPERATIONS**



**CORNERSTONE 3
TECHNICIAN**



**CORNERSTONE 4
MASTERS TECHNICIAN**



The Master's Roadmap Blueprint starts with Cornerstones.

The **Cornerstone** is the first stone set in the construction of a foundation, important since all other stones will be set in reference to this stone, thus determining the position of the entire structure.

In architecture, this stone is considered sacred. The Cornerstone is the prominent location of the structure. It sits with an inscription on the stone indicating the use, architect or story of the building and thus the stone.

The Cornerstones are set to pull from one another, setting our objectives through the cornerstones to reach the Masters Technician Level.

Awareness is always the place we start from. It doesn't matter where you are at in life.



MASTER'S ROADMAP BLUEPRINT

Cornerstone 4

MASTERS TECHNICIAN

It's all about strength, balance, and endurance, always moving through and between Awareness, Operations, and Technician Cornerstones. Push your rope handling skill-sets way beyond your expectations. Take your rigging knowledge and understanding to new levels.

Cornerstone 3

TECHNICIAN

The Technician is one proficient in specific skills, techniques and has a practical understanding of the principles. Providing various solutions for rope-based rescue situations in the urban and industrial environments into everyday operations as it relates to rescue and rigging.

Cornerstone 2

OPERATIONS

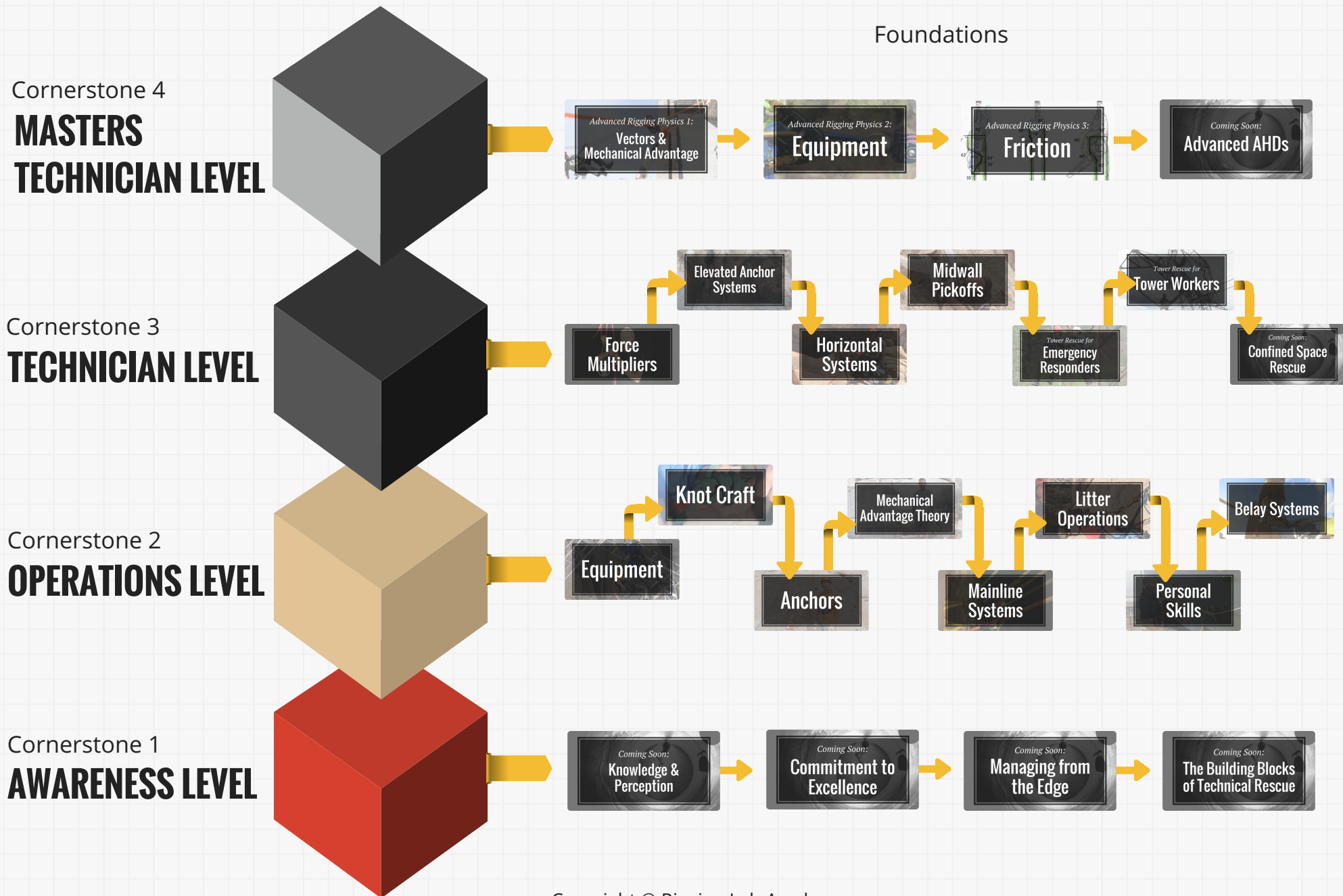
The process of being functionally successful within a group. Understanding that nothing ever happens without community, Operations becomes of pivotal importance because it is through the team and or group that objectives are accomplished.

Cornerstone 1

AWARENESS

Without awareness, you may lead yourself — and others — down some seriously bad paths. Technicians must always be present and have an acute sense of Awareness about them. You ensure yourself a heightened understanding of everything else you do!

MASTER'S ROADMAP BLUEPRINT



FOUNDATION LEVEL 1: AWARENESS LEVEL

Staying with a roadmap will progress you toward where you need to be, a master of your skills. On track and in the thick of techniques and methods that saves time, energy and ultimately... Lives.

As the Cornerstone sets the direction, the Foundations serve to set the strength. Foundation courses are designed to interlace with each other. They aren't meant to be stacked straight up but to pull from each other, building strength, maintaining balance, and increasing endurance.



FOUNDATION LEVEL 2: OPERATIONS LEVEL



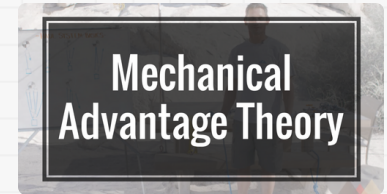
- Cordage/Webbing
- Helmet
- Harnesses
- Carabiners/Connectors
- Descenders/Connectors
- Descenders/Lowering
- Pulleys



- Knots
- Bends
- Hitches



- Anchor Points
- Selection
- Single Point
- Multipoint
- Sharing and Distributive
- Vectors



- Mechanical Advantage Overview
- Mechanical Advantage, Part 1
- Mechanical Advantage, Part 2
- Mechanical Advantage, Part 3
- Simple Progression
- Compound Progression
- Complex



- Pulley Systems
- Raising Systems
- Lowering Systems
- Mirrored Raising Systems
- Jiggers and Minis
- Winch and Capstan



- Patient Packaging
- Low Angle Class 1-2
- Steep Angle Class 3-4
- High Angle Class 4-5



- Rappelling
- Ascending
- Self Rescue



- Belaying with Maestro
- Belaying with I'd
- Belaying with MPD
- Belaying with Tandem Prusiks
- Belaying with GriGri
- Belaying with Munter

FOUNDATION LEVEL 3: TECHNICIAN LEVEL

Force Multipliers

- Vectors, Scalars, and Unit-Less Values, Part 1
- Vectors, Scalars, and Unit-Less Values, Part 2
- Vector Analysis of Tripod Systems, Part 1
- Vector Analysis of Tripod Systems, Part 2

Elevated Anchor Systems

- Introduction to AHDs
- Arizona Vortex
- TerrAdaptor
- Guying
- Aerial Ladders

Horizontal Systems

- Highlines
- Dynamic Directions
- Major Taglines/Offsets

Midwall Pickoffs

- Options
- HIP
- Remote Access
- Pickoffs
- Patient Harness
- Rescue Based Pickoffs
- Team Based Pickoffs
- Mid Face Litter Loads
- Hybrids
- Mid Face Transfers

Tower Rescue for Emergency Responders

Tower Rescue for Tower Workers

Coming Soon: Confined Space Rescue

FOUNDATION LEVEL 4: MASTERS TECHNICIAN LEVEL

