INNOVATION BOOT CAMP

Military Training by Building Momentum

About Building Momentum

Since 2014, Building Momentum has been training the Department of Defense with Innovation Boot Camp; bringing the technology of the 21st century to active-duty service members all over the world. This same training has become the cornerstone of the bespoke offerings made to schools, community groups, and corporate clients through Innovation Elevated and Innovation Academy.

Innovation Boot Camp

Problem-solving with:
3D Printing
CAD/CAM
3D Scanning
CNC Milling
Laser Cutting
Welding
Soldering
Electronics
Circuit Design
PCB Milling
Coding
Solar Power
Microcontrollers
Robotics
Mechtronics
Drone Development
Drone Piloting
Sensor Integration
Radio Integration
Mesh Networking
GPS Tracking
Surveillance Systems

INNOVATION BOOT CAMP (IBC)
- **five day** workshop
- **8-16 students**

3D printing	coding
CAD	electronics
laser cutting	soldering
microcontrollers	solar power
circuit design	mesh radios
sensors	GPS tracking

ADVANCED IBC
- **five day** workshop
- **8-16 IBC graduates**

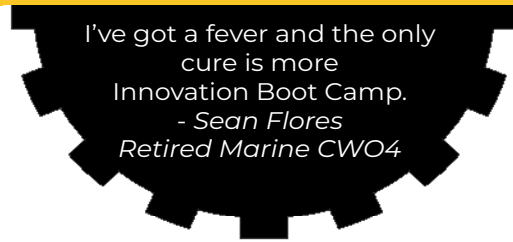|	
advanced 3D printing	Python
CNC machining	C++
CAM	LIDAR
microprocessing	RF exploitation
sensor integration	mechatronics

DRONE BOOT CAMP
- **four to five day** workshop
- **8-16 students**
- taught by *FAA certified pilots*

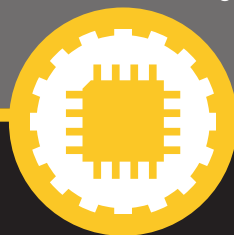|	
design/build drones	simulator training
develop payloads	drone piloting
integrate sensors	drone modification
quadcopters	forensics
fixed wing	flight dynamics

CUSTOM
- **two to ten days** or more
- up to **24 students**
- *customized curriculum* for many topics

RF exploitation	design thinking
thermal imaging	mesh networking
signature control	surveillance tech
TTL	power solutions
	UGS

I've got a fever and the only cure is more Innovation Boot Camp.
- Sean Flores Retired Marine CWO4

Why Innovation Boot Camp works!

- Encourages teamwork through productive conflict

- Sparks all-encompassing organizational change

- Delivers high level challenge-driven management training

- Improves knowledge retention with hands-on learning

- Auments iterative problem-solving with design thinking techniques

- Increases engagement by providing the tools for open communication

- Enables more successful iteration in problem solving by using the tools of emerging technologies.