Applied AI Bootcamp – Executive Brief

ITI · AI LAB · NEW CAPITAL

EXECUTIVE BOOTCAMP BRIEF

Learn How to Use AI Like the Top 10%

Become an AI Super User — not just an AI user.

Professional Productivity Edition · May 2026

1.THE POSITIONING

Most people use AI casually.
This bootcamp teaches structured AI operation.

CASUAL AI USAGE	AI SUPER USER THINKING
Random prompts	Structured AI workflows
Trial-and-error conversations	Intentional context engineering
One-off chats	Reusable systems
Tool dependency	Transferable AI operating skills
Surface-level outputs	High-leverage decision support
Passive usage	AI-assisted execution

"The advantage is no longer access to AI — it is knowing how to operate it effectively."

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2. KEY DIFFERENTIATOR

The AI Power User Stack

a practical framework for operating modern AI systems effectively.

A take-home operational framework participants can reuse across work, learning, productivity, and business tasks.

1.CONTEXT STACK

How to structure context so AI produces high-quality outputs consistently.

2.MODEL STACK

Understanding model strengths, reasoning differences, limitations, and tool selection.

3.PROMPT STACK

Prompt architecture, instruction clarity, iteration, and conversational control.

4.WORKFLOW STACK

Turning isolated prompts into repeatable systems and productivity workflows.

5.VALIDATION STACK

Detecting hallucinations, checking quality, verifying reasoning, and reducing errors.

6.PRODUCTIVITY STACK

Using AI as a daily execution layer for research, writing, planning, learning, and organization

Applies across ChatGPT and future AI systems — not tied to temporary tool trends.

3.FOUNDATIONS

Each Stack is grounded in real operational AI concepts.
The integration is the signature value.

CONTEXT STACK

Context windows · instruction hierarchy · memory systems · project organization

MODEL STACK

LLMs · reasoning models · multimodal systems · inference behavior

PROMPT STACK

Prompt engineering · chain-of-thought structuring · iterative refinement

WORKFLOW STACK

Knowledge workflows · reusable AI systems · productivity architecture

VALIDATION STACK

Hallucination patterns · factual reliability · confidence vs correctness

PRODUCTIVITY STACK

AI-assisted learning · decision support · operational efficiency systems

SIGNATURE VALUE

A professional operational framework that helps participants move from casual AI interaction toward structured AI-assisted thinking and execution.

4.PROGRAM STRUCTURE & CURRICULUM

One intensive day.
From understanding AI → operating AI professionally.

DURATION

1 day · 6 hours total

FORMAT

Weekend delivery

COHORT

15–20 participants

PART 1 · HOW MODERN AI ACTUALLY WORKS

Understanding the foundations behind ChatGPT and modern LLMs.

* What LLMs are and how they generate responses
* Why AI sounds confident when wrong
* Context windows and memory limitations
* Different model types and reasoning capabilities
* AI strengths vs weaknesses
* Multimodal AI systems

PART 2 · PROMPTING LIKE A POWER USER

Moving beyond basic prompting into structured interaction.

* Prompt architecture
* Instruction clarity and role prompting
* Context engineering fundamentals
* Prompt iteration techniques
* Structuring complex requests
* Managing long conversations effectively

PART 3 · AI SYSTEMS & PRODUCTIVITY WORKFLOWS

Building reusable systems instead of isolated prompts.

* Projects and workspace organization
* AI productivity workflows
* AI for learning and research
* Deep research strategies
* Decision support systems
* Creating reusable AI templates

PART 4 · PRACTICAL GROUP EXERCISE

Hands-on operational application.

Teams build:

* A structured AI workflow
* A reusable prompting system
* A mini AI productivity framework
* A custom AI project/use case

Final review and optimization part.

5.KNOWLEDGE GAINED

Tool-independent capability.
The durable operational advantage.

If the tools changed tomorrow, this is what participants would still understand.

AI KNOWLEDGE

How AI Actually Works

LLM fundamentals · token prediction · reasoning behavior · multimodal capabilities

AI Systems Thinking

Context management · memory usage · workflow construction · AI orchestration

AI Reliability

Hallucinations · validation methods · confidence calibration · fact checking

Prompt Engineering

Prompt structure · instruction layering · iterative prompting · reusable templates

PRODUCTIVITY KNOWLEDGE

Professional AI Usage

Research · writing · summarization · planning · brainstorming · analysis workflows

Decision Support

Using AI for faster structured thinking and problem exploration

Learning Acceleration

Using AI to learn faster without becoming dependent on it

Operational Efficiency

Reducing repetitive work through structured AI workflows

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6. AI TOOLS EXPOSURE & METHODOLOGY

Current AI systems —
used through a professional operational framework.

Hands-on exposure focused on thinking quality, workflow design, and practical AI leverage rather than casual prompting.

ChatGPT

Prompt engineering · projects · memory · workflows · research · productivity systems

AI Power User Methodology

Participants learn:

* how to structure context,
* choose the right interaction strategy,
* validate outputs,
* and build reusable workflows.

Tools evolve quickly.
The operational mindset compounds over time.

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7. AT A GLANCE

6 hours. 1-day bootcamp.
Professional AI usage for the modern era.

6 HOURS

1 intensive day
weekend format

3 HOURS PRACTICAL

Group-based applied exercises

10+ OPERATIONAL FRAMEWORKS

Reusable prompting and workflow systems

6 STACKS

The AI Power User Stack used throughout the bootcamp

CORE OUTCOMES

* Personal AI workflow system
* Prompt engineering framework
* AI validation checklist
* Structured productivity workflows
* Custom AI project setup
* Better understanding of modern AI systems

FOR

Students, professionals, freelancers, creators, founders, educators, and modern knowledge workers who want to use AI professionally rather than casually.

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