CLAUDE CODE CENTER OF EXCELLENCE

# Force Multiplying Our People

Welcome to the Agentic Age. No question is bad. No topic is off limits. We are here for **you** — to help every engineer ship faster, think bigger, and build with confidence.

**OPEN DOOR**

Every question welcome, every skill level valued

**ACCELERATE**

10x your impact with agentic workflows

**LEARN TOGETHER**

Share patterns, avoid pitfalls, level up as a team

**SHIP IT**

Real results, real code, real production impact

— WHAT'S NEW · V2.1.197 — V2.1.209

# What's New with Claude Code

✨

### Auto Mode & Models

**Auto mode** now GA on Bedrock — no opt-in flag
**Opus 4.8** is the new Bedrock default
Subagents now run in the background by default

🔧

### Slash Commands & MCP

**/doctor** is now a full setup checkup (**/checkup** alias)
**/cd** adds directory path suggestions
MCP **request_timeout_ms** & OAuth refresh fixes

⚡

### Performance & Fixes

Memory leaks fixed: MCP stderr, LSP, edit cache
Session transcripts pruned **up to 79x smaller**
Bedrock streaming & AWS SSO auth fixes

— TODAY'S TOPIC

# An Optimized Framework for Claude

Driving deterministic behavior with AI — same discipline, every engineer, every session.

📜

### Behavioral Contract

**How Claude acts.** Standards and skills defined in `.md` files at different levels.

⚖️

### Rules Enforcement

**A framework for writing instructions.** Claude takes instructions seriously when written a certain way.

🔍

### Visible Reasoning

**Are my instructions working?** See when Claude isn't following so we can tweak the format.

**Presented by** — Dasha Tran, FDP Team

— PILLAR 1 • BEHAVIORAL CONTRACT

# How Claude Acts

Cascading, layered instructions so Claude knows how to act — standards defined in `.md` files at every level.

📝

**Claude Wise** — response discipline

Concise · Staff-Eng. Approved · Factual · Safe

🏗️

**Project Aware** — application context

Architecture · Known Issues · Complete

🌐

**Domain Aware** — domain context

Shared Knowledge · Ent. Patterns · Skills · Schema · Domain Docs

instruction cascade

```
~/.claude/CLAUDE.md   # universal
└── project/CLAUDE.md   # project
    └── @includes & Skills
        └── memory docs
            └── referenced docs   # domain
```

↑ ↓ to navigate

— PILLAR 2 • RULES ENFORCEMENT

# Instructions That Steer Reasoning

**Keyword semantics** — Claude pays attention when instructions are unambiguous.

**MUST** NON-NEGOTIABLE

**STOP** HALT & VERIFY

**NEVER** HARD PROHIBITION

**5 enforcement mechanisms** — how you define the instruction set matters.

**01**
**Priority Instruction**
`MUST pass before [trigger]`

**02**
**Hard Gate**
`Any unchecked → STOP`

**03**
**Trigger → Action**
`[condition] → [action]`

**04**
**Exact Template**
`- [ ] checklist item`

**05**
**Consequence**
`Do not proceed / ask user`

**The shift.** Choosing *how* you phrase an instruction — not just what it says — is what makes Claude work through the rules instead of around them.

PILLAR 3 • VISIBLE REASONING

# Are My Instructions Working?

See your instructions drive AI decisions and tool usage in real time — so you can spot drift and tweak the format.

🔒

### Gate Stamps

Visibly see **how an instruction was used** on each turn.

```
🔒 [Gate:<name>-<rule>]-<action>.
```

⚡

### Hook Stamps

Shows **when tools are used** — e.g. an MCP server or Skill fired.

```
⚡[Hook: <tool>-<detail>].
```

**Feedback loop.** Stamps make invisible reasoning visible — the instrumentation that lets us debug and refine the contract.

# Live Demo

Side-by-side recording — same prompt, same model, one with the framework and one without.

— RESULTS

# Control vs. Framework Configured

Opus 4.8 on both — same model, same prompt. The **only** variable is the framework.

Control

- Tunnel-visions to one repo
- Ignores pre-existing documentation
- Ships a breaking change
- Zero visibility into reasoning decisions

Framework Configured

- Autonomously investigates and discovers cross-repo concern
- Finds and applies team's documented pattern
- Writes 0 lines of code until all safety gates pass
- Every claim stamped and auditable

| 4m 9s | 1m 44s | 4.1k | 4.2k | Rework | Ship it |
|---|---|---|---|---|---|
| CONTROL • TIME | CONFIGURED • TIME | CONTROL • TOKENS | CONFIGURED • TOKENS | CONTROL • RESULT | CONFIGURED • RESULT |

THANK YOU

# Questions?

Same AI discipline. Every engineer. Every session.