DevOps

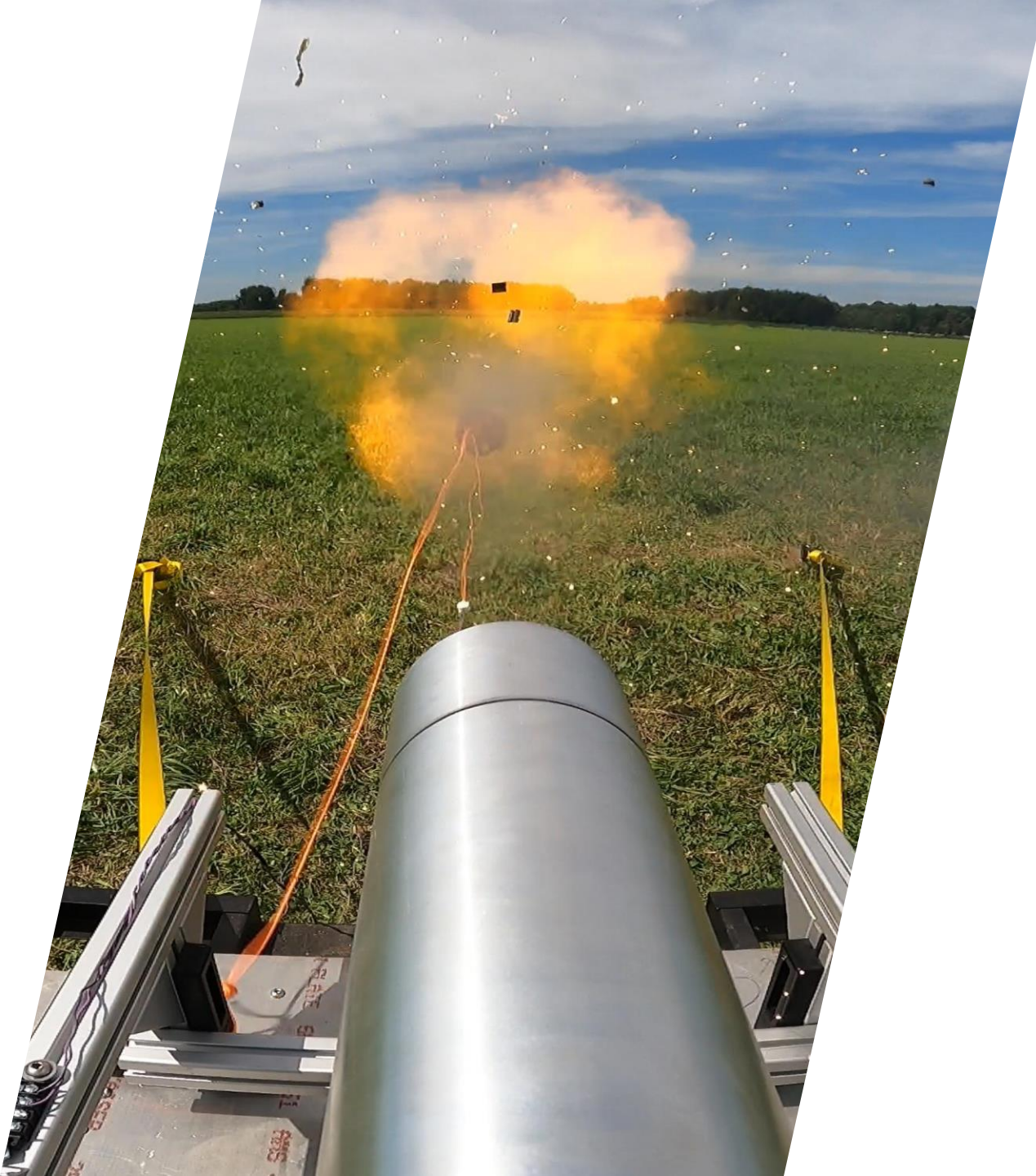**SOFTWARE ENGINEERING**

By Jenice Mario

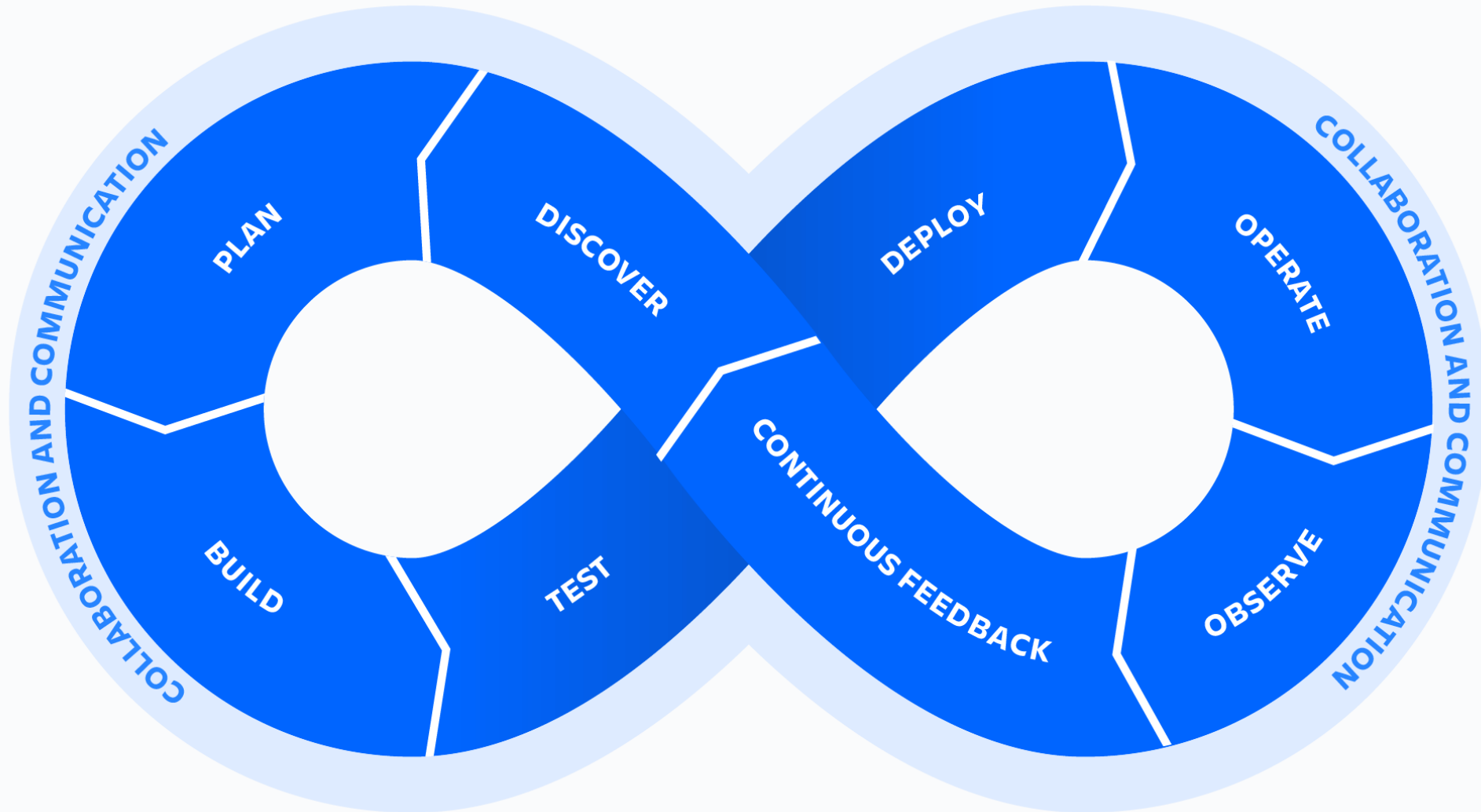# COURSE OVERVIEW

What is DevOps

Phases of the DevOps Cycle

Benefits

What Is DevOps

Definition: "a set of practices, tools, and a cultural philosophy that automate and integrate the processes between software development and IT teams. It emphasizes team empowerment, cross-team communication and collaboration, and technology automation."

https://www.atlassian.com/devops

THE PHASES

- Create/Design/Discover
- Plan
- Build
- Test/Package: CI
- Deploy/Release: CD
- Operate
- Observe/Monitor
- Continuous Feedback

- Quality of Product
- Quicker product releases
- Reliability
- Decreased inefficiencies
- Faster bug fixes/issues addressed

https://www.synopsys.com/glossary/what-is-devops.html#A
https://www.atlassian.com/devops
https://www.netapp.com/devops-solutions/what-is-devops/