

Certificate in Quality Improvement in Healthcare

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Course Description

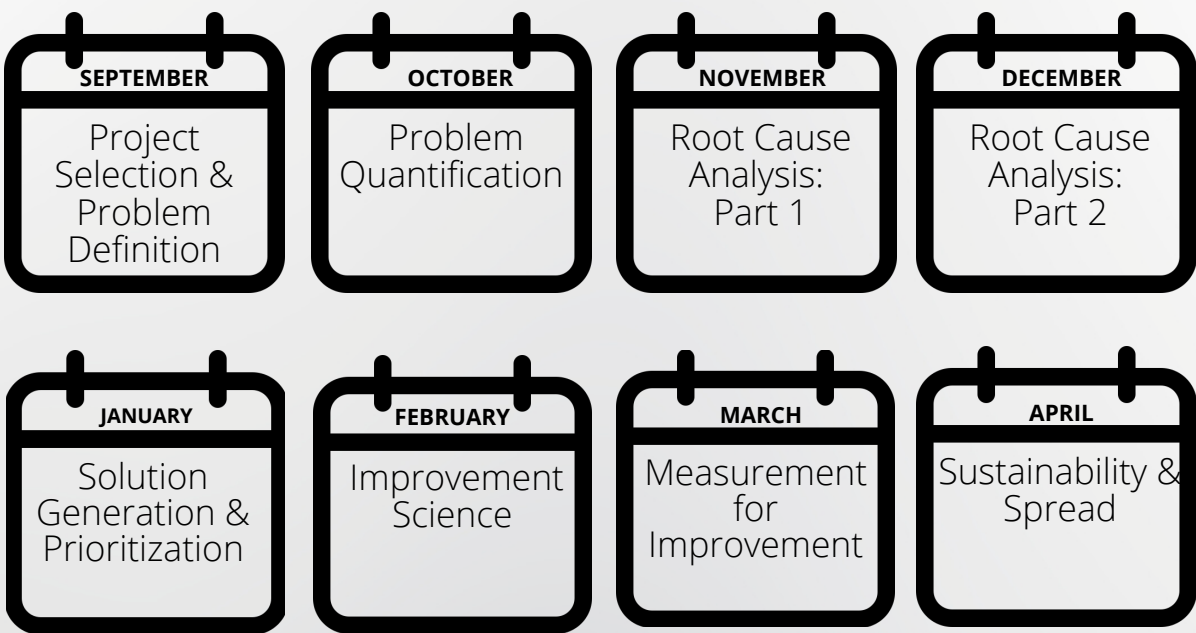
This course teaches the fundamentals of quality improvement through experiential learning and just-in-time asynchronous content delivery. Participants can work in teams or individually to identify a concrete care gap in their own healthcare settings and apply quality improvement methodology to sustainably mitigate or resolve it. The course centers around a quality improvement project, which participants select & develop within their own healthcare environments. Once a project is selected, participants will progress through a series of eight learning modules, each corresponding to a major phase in the quality improvement process. The project serves as the application for the curriculum's content.



Learning Outcomes

- Express a clinical care gap in the form of an AIM statement
- Design and execute a comprehensive root cause analysis
- Generate solutions and map them onto root causes
- Design a feasible implementation plan that accounts for local contextual factors
- Design and implement authentic Plan-Do-Study-Act cycles
- Design and execute a data collection strategy to rigorously demonstrate improvement over time
- Design and execute a sustainability plan including ongoing stakeholder engagement
- Disseminate lessons from the project as a poster, oral presentation, or peer-reviewed publication
- Avoid major pitfalls associated with QI projects

Course Schedule



Monthly Activities



Self-directed Learning
10 hours (approx.)



Personalized Coaching
1 hour



Digital Learning

- Thinkific.com: online learning platform used to house all learning materials including videos, assignments, and readings.
- Google Drive: cloud-based storage to house all course materials, assignments, and resources