

Course Outline

Enabling Interdisciplinary and Team Science

DAY 1

Interdisciplinary Team Science Overview

- What is interdisciplinary team science, and why is it important
- How teams work
- Characteristics of effective scientific teams

Leadership

- Competencies and characteristics of leadership
- Creating effective teams and team culture through leadership

Shared Vision and Plan

- Mission, vision, strategies, guiding principles
- Goals and objectives (tasks, timelines, measures)
- Owners (roles and responsibilities)
- Key performance indicators

The Right Mix of Competencies and People

- Overview of competencies
- Competency identification process
- Assessing intangible attributes
- DISC and other assessments

DAY 2

Team Communication and Trust

- Language (speaking, listening, and giving feedback)
- Facilitating discussions, meetings, agreement, consensus, and disagreement
- Trust and transparency (assumptions and expectations)
- Dealing with conflict

Team tools and processes

- Quality improvement cycle
- Holding effective meetings
- Making team decisions
- Mapping knowledge (concept maps, mind maps)

Other Factors that Affect Teams