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