Systems Thinking Syllabus

Last Updated August 2017

Instructor Information

Instructor	Email	Location & Days/Hours
David Mangan	david.mangan@centerfbc.com	Atlanta, GA Area - 2.5 Days

General Information

Description

Systems thinking is a higher-level process for using critical thinking to begin to learn about diagnosing System (not computer systems) Issues and designing high-leverage interventions or potential solutions. By mapping cause and effect system behaviors to move beyond event thinking (firefighting) and recognize problematic system archetypes and how to prevent them.

Expectations and Goals

1. Participants will learn what systems thinking is and why becoming adept at critical thinking is essential to working through systems thinking issues.
2. There is a set of tools that support various levels of complexity within the systems thinking methodology; each person will be exposed to utilizing these tools.
3. Participants will be exposed to systems thinking simulation technology.

Course Materials

Required Materials

- Bring a laptop with Microsoft Office Suite and access to Google Chrome.

- Pad and Pen for note taking.

- Bring one newspaper or magazine article you have read which you find interesting yet somewhat difficult to understand logically.

Suggested Text

- **The Fifth Discipline:** The Art & Practice of The Learning Organization, Crown Business, Author: Peter M. Senge
- **Introduction to Systems Thinking:** The Systems Thinker, Pegasus Communication, Inc., Author: Daniel H. Kim
- **Systems Archetypes I, II, III:** The Systems Thinker, Pegasus Communication, Inc., Author: Daniel H. Kim
- **Systems Thinking:** What, Why, When, Where, and How? The Systems Thinker, Pegasus Communication, Inc., Author: Michael Goodman
- **The Short Story of Mr. Frog**: by John P. Dooley and Hermite d'Art