

FIRST® LEGO® League Challenge Professional Development

AGENDA

Day 1 – 7 contact hours

- Welcome
- Core Values Activity
- *FIRST* LEGO League: What is this all about
- Introduction to the *FIRST* Challenge Set
- Thinkscape and Program Resources
- *FIRST* Guides
- *FIRST* Education Philosophy
- Introduction to the LEGO Education EV3 Mindstorms/SPIKE Prime Robot
- Build a base robot
- Engineering Design Process
- Intro to programming
- Mini robot challenge
- Field Research

Day 2 – 7 contact hours

- *FIRST* Equity, Diversity & Inclusion
- Core Values Activity
- Robot Game
- Innovation Project work
- Presentations/Celebration
- Clean-up
- Dashboard Support
- How an event works
- Season Planning
- Reflection and Evaluation