

## Cognitive Systems Engineering (1 Day)

### 1. Introduction (1.00 hour)

- Introducing the seminar & your instructor (45 mins)
- Seminar Overview (15 mins)

### 2. Information Management Exercise (1.00 hour)

- Team Cognition (group exercise & debrief (60 mins)

### Break (15 mins)

### 3. Cognitive Task Analysis Part 1 (1.75 hours)

- Naturalistic Decision Making (75 mins)
- Macro-Cognition (30 mins)

### Lunch (45 mins)

### 4. Cognitive Task Analysis Part 2 (1.25 hours)

- Decision Centered Design (60 mins)
- Summary Review of Cognitive Task Analysis (15 mins)

### 5. What is Cognitive Systems Engineering? (0.50 hours)

- What is Cognitive Systems Engineering? ( 30 mins)

### Break (15 mins)

### 6. Spot the cognition (1.0 hours)

- Movie; Houston, we have a problem! (60 mins)

### 7. Summary (0.75 hours)

- Summary Review of Seminar (30 mins)
- Seminar Evaluation (15 mins)