

# [YOUR TOPIC HERE]

**18-849b Dependable Embedded Systems**

**YOUR NAME**

**PRESENTATION DATE**

**Required Reading:** Paper reference

**Best Tutorial:** REFERENCE to book chapter/tutorial/etc.

**Authoritative Books:** Book #1  
Book #2

**Carnegie  
Mellon**

## Overview: [TOPIC]

---

### ◆ Introduction

- Clusters it belongs to

### ◆ Key concepts

- List the key concepts (up to 3 of them)
- key concept 2
- key concept 3

### ◆ Tools / techniques / metrics

- State of the art with respect to maturity of this topic in general
- Specific remark about maturity of metrics

### ◆ Relationship to other topics

- List “surrounding” topics

### ◆ Conclusions & future work

## **YOU ARE HERE MAP**

---

- ◆ **Picture of this topic and which clusters/topics it relates to -- put this up for just a minute for orientation**
- ◆ **Good place for a cute cartoon if you can find one**

3

## **Description of Topic**

---

- ◆ **What Is It All About?**
- ◆ **List Key Concepts**

4

**Key Concept #1**

---

- ◆ **Summary description**
- ◆ **\*\*\*PICTURE\*\*\***

5

**Key Concept #2**

---

- ◆ **Summary description**
- ◆ **\*\*\*PICTURE\*\*\***

6

### **Key Concept #3**

---

- ◆ **Summary description**
- ◆ **\*\*\*PICTURE\*\*\***

7

### **Tools / Techniques**

---

- ◆ **Couple most commonly used design & assessment tools**
- ◆ **Non-automated approaches that help**

8

## Metrics

---

- ◆ **Any metrics that help with:**
  - Measuring process
  - Measuring product
  - Analysis of field data
- ◆ **Any graph you can find in a paper and explain?**

9

## Relationship To Other Topic Areas

---

- ◆ **Topic 1**
  - Has this or that in common
  - But NOT this or that
- ◆ **Topic 2**
- ◆ **Topic 3**
- ◆ ...

10

## **Conclusions & Future Work**

---

11

## **ONE SLIDE ON THE READING PAPER**

---

- ◆ **“This sentence is what is cool about this paper”**
- ◆ **These bullets summarize the major points/approach**
  - bullet 1
  - bullet 2
  - bullet 3
- ◆ **These bullets summarize the results/contribution**
  - bullet 1
  - bullet 2

12