CSSE Curricula

Nancy Griffeth
Scott Smolka

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Questions

- What is the objective?
- Where might the subject matter fit, in terms of departmental structures/curricula?
- What are target colleges, within and outside of the consortium?
- What are the prerequisites?
- What are the new courses (or new material, if not new courses)?
What is the objective?

- A major field?
- An area of concentration?
- A collection of courses?
- New course materials for existing courses?
- What will we have at the end of 2 years and at the end of 5 years?
What department?

- Computer science?
- Computer engineering?
- Aerospace engineering?
- Automotive engineering?
- Bioengineering/Biomedical engineering?
- Multi-disciplinary?
- Other?
“Natural” homes

- **ESSE**
  - Computer science/engineering
  - Aerospace engineering
  - Automotive engineering

- **BSSE**
  - Computer science/engineering
  - Bioengineering/Biomedical engineering/Bioinformatics
What curricula are relevant?

- ACM CC2005 (?)
- Other?
What colleges?

- Project participants
- MIT, Georgia Tech - because of reputation
- CUNY and SUNY system - because they are related to participants
- Other?
What prerequisites?

- **BSSE:**
  - Biology prerequisites?
  - Chemistry prerequisites?

- **ESSE**
New courses or materials?

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