



# Education Modules for Cloud Computing and Cloud Security in Systems Courses

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## Goals

- Create education modules to teach Cloud Computing and Cloud Security
- Make these modules widely available
- Target wide array of faculty from varied institutions
- Help them create curricular materials in cloud security and to integrate these materials into their current course offerings.

## Implementation

- Run two-and-a-half days workshops
- Offer four annual workshop 2015-2018
- Bring ~15 faculty from diverse institutions every year to one location
- Teach them, through discussions, and hands-on sessions to use EC2, GENI, CloudLab and other resources

## Cloud Security Curriculum Modules



Introduction to Cloud Computing



Introduction to Cloud Security



Using Amazon EC2 to Teach Cloud Security



Using GENI to Teach Cloud Security



Using CloudLab to Teach Cloud Security

Your own modified  
Cloud Security Module  
could be added here 😊