Developing a Course on Network Science Using CINET

The PI will develop educational materials for a course on Network Science aimed primarily at students with background in computer science. This course will be taught as a joint undergraduate and graduate class (intended for seniors and first year graduate students) at the University at Albany, SUNY (UAlbany) during Fall 2013. The following text will be used as the primary reference for this course.


Additional reference lists (e.g. other books, papers from the literature, links to other websites containing additional materials) will be made available through a website for the course.

The educational materials to be developed will include set of exercises/projects using the CINET software tool developed by NDSSL, Virginia Bioinformatics Institute, Virginia Tech, Blacksburg, VA. Students will be introduced to CINET early in the semester and will be asked to complete assigned work using CINET throughout the semester. Students will also have the option of complete course projects using CINET. Deliverables will include the following.

- Lecture notes
- Slides for each lecture along with audio and/or video recording of each lecture
- A set of paper and pencil homeworks
- A set of CINET exercises
- A list of suggested course projects and/or topics for term papers
- A list of additional references