**MEng Design Project Announcement – 2017-18 AY**

**Project title:** SDN based WAN Technology and Management

**Brief Description of Design Project Goals:**

**Overview:**
The rise of SDN (software defined networking) has produced tremendous excitement in the world of networking by allowing unprecedented control of network functions such as routing and admission control. It also revolutionizes our view of network design and management by placing great flexibility in the hands of network operators. In this project, we are mainly interested in the impact of such approaches to WAN (Wide area networks) technology and management. In particular, realizing and managing overlay WANs.

**Specific MEng Contribution:**

- Related literature review and summary
- Solution development
- Solution implementation and performance evaluation

**ECE Field Advisor Name:**
- Email - atang@ece.cornell.edu
- Phone - 607-255-4803
- Office - Rhodes Hall 337

**Outside Field Advisor Name (if applicable):**
- Email -
- Phone -
- Office -

**Project Web Site:**

**Number of MEng Students Needed:** ~4

**Required Skills:**

Proficient in systems programming, reasonable understanding of systems and networking.

**Estimated Project Time Frame:**

2017-18 Academic Year, Two (2) Semesters