Anwar Haque
Assistant Professor
Dept. of Computer Science
My Research Interest

- Network Virtualization
- Network / Internet Resource & Performance Management
- Network QoS / QoE
- Network Security
- Network Economics

- Self Driving Networks
- Smart Grid
- Smart Home
- Autonomous Drones
- Connected Vehicles
My Awesome Team

- **PostDoc Fellows:**
  - Yaser Al Mtawa
  - Rashed Nekvi

- **PhD Students:**
  - Jacob Hunte
  - Amir Memari
  - Abdelkareem Jaradat
  - A B M Alam

- **MSc Students**
  - Yasmeen Ali
  - Tarandeep Randhawa
  - Gopi Gugan
  - Fu Chen
  - Wenjun Chen
  - Amir Maleki
  - Harshdeep Dhilon

- **Research Associates**
  - Nanditha Rao

Director
Dr. Anwar Haque
My Industry / Research Partners

- **Industry Partners:**
  - TELUS
  - Bell Canada
  - IBM
  - Ericsson
  - Juniper Networks
  - SAP
  - Tillsonburg Hydro

- **Research Funding Agencies:**

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[Logos for Ontario Centres of Excellence, NSERC, and Mitacs]
# Graduate Course

## CS 4457 / 9657: Computer Networks II (Fall 2019)

### Topics:
- ISP Functional Areas
- Network QoS and QoE
- Network Security
- Network Cost Modeling
- Network Simulation

### Course Component Table

<table>
<thead>
<tr>
<th>Course Component</th>
<th>Student Group</th>
<th>Description</th>
<th>Grade weight %</th>
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<tbody>
<tr>
<td>Research Paper Review (Assignment #1)</td>
<td>Grad</td>
<td>1 x research paper review. Individual effort. See note #1 below</td>
<td>15%</td>
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<td>Report Due date: Sept 30</td>
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<tr>
<td>Research Paper Review (Assignment #2)</td>
<td>Grad</td>
<td>1 x research paper review. Individual effort. See note #1 below</td>
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<td>Report Due date: Oct 14</td>
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<tr>
<td>Research Project Proposal</td>
<td>Grad</td>
<td>2-3 pages research project proposal. Group effort. See note #2 below</td>
<td>20%</td>
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<td>Report Due date: Oct 21</td>
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<tr>
<td>Final Research Project</td>
<td>Grad</td>
<td>10-15 pages research paper. Group effort.</td>
<td>35% + 15% = 50% (report + presentation)</td>
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<td>Report Due date: Dec 23</td>
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