# Communication Skills and Ethics for Computer Science

<table>
<thead>
<tr>
<th>Dept Number</th>
<th>CS 290</th>
<th>Course Title</th>
<th>Communication Skills and Ethics for Computer Science</th>
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<tbody>
<tr>
<td>Semester Hours</td>
<td>3</td>
<td>Course Coordinator</td>
<td>Namdar Mogharreban</td>
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**Catalog Description**

Effective writing, reading, presentation and oral communication skills for computer science professionals. Evaluation and analysis of technical material. Communicating with stakeholders and team members. Professional ethics and responsibilities in society and industry. Legal and sustainability impact. Discussions and assignments utilizing technical materials and case studies pertaining to history, research, practice and ethics in the discipline.

**Textbooks**

Reading materials covering different topics in the course will be provided online.

**References**


**Course Learning Outcomes**

- To gain skills for understanding and preparation of technical communication.
- To gain skills for interpersonal communication.
- Gaining knowledge in effective writing, reading, presentation and oral communication skills.
- Understanding professional ethics and legal issues.

**Assessment of the Contribution to Student Outcomes**

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<th>Outcome</th>
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<td>Assessed</td>
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**Prerequisites by Topic**
CS 201 or CS 202 or consent of the instructor

<table>
<thead>
<tr>
<th>CS 290</th>
<th>Communication Skills and Ethics for Computer Science</th>
<th>Page 2</th>
</tr>
</thead>
</table>

## Major Topics Covered in the Course

- **Introduction** \{4 classes\}
  - Communication and its importance
  - Understanding your audience
  - Getting your point across
  - Professionalism in computer science

- **Ethical Issues in Computing** \{14 classes\}
  - Legal, social and work issues
  - Professional responsibilities
  - Ethical concerns
  - Case studies

- **Technical Writing** \{12 classes\}
  - Types of technical correspondence
  - Preparation
  - Research
  - Organization
  - Drafting, revising and editing

- **Professional Communication and Presentation** \{10 classes\}

Total: 40 Hours

Latest Revision: Spring 2017