

## Graduate program assessment form: Project and Presentation

Student name:	
Committee member name:	
Date of assessment:	

Please consider the following aspects of student presentation and project report or thesis:

<b>1. Formalization of the problem:</b>	a. Problem is clearly stated, input/output is specified. b. Motivation and objectives are presented.
<b>2. Presentation of the relevant background:</b>	a. Overview of related work or relevant background (e.g., scholarly articles, software requirements specification). b. Proper citation (including authors, title, source, and years of publication).
<b>3. Effective solution of the problem:</b>	a. Design of a solution uses appropriate tools and techniques. b. Knowledge of mathematical foundations, algorithmic principles, and computer science theory is applied.
<b>4. Evaluation of the outcome:</b>	a. Correctness of the results. b. Qualitative or quantitative measurement of the performance of algorithms or programs developed.
<b>5. Impact/significance of work:</b>	a. Impact/significance of work is discussed. b. Novelty of work is justified (for thesis only). c. Limitations and future directions of the work are presented.
<b>6. Technical communication skills:</b>	a. Project report or thesis is professionally written. b. Project is presented to the audience effectively.

Identify the strongest area (from areas 1 through 6) of the student's work:

1      2      3      4      5      6      (circle one)

Identify one area (from areas 1 through 6) that, if improved, would improve student's work the most:

1      2      3      4      5      6      (circle one)

Comments (optional):

## Graduate program assessment form: Knowledge of Computer Science Areas

Student name:	
Committee member name:	
Date of assessment:	

Please assess as many of the four areas below as you can. Knowledge is assessed using the following categories:

- *Not Evident*: no knowledge of the area is demonstrated.
- *Evident but Not Satisfactory*: performance demonstrates the presence of gaps in preparation and understanding for the area.
- *Satisfactory*: all main aspects of the area are adequately demonstrated.
- *Accomplished*: demonstrated proficiency in all aspects of the area.

Areas of Computer Science	Not Evident	Evident but Not Satisfactory	Satisfactory	Accomplished
<b>Basic.</b> CS 469 Data Structure and Algorithms				
<b>Theories.</b> One of : C S 510 Automata, Languages, Computability C S 570 Analysis of Algorithms C S 571 Programming Language Structure II C S 583 Advanced Cryptography C S 586 Algorithms in Systems Biology				
<b>Systems.</b> One of : C S 573 Architectural Concepts II C S 574 Operating Systems II C S 582 Database Management Systems II C S 584 Computer Networks II				
<b>Applications.</b> Please write the course(s) below (see the full list on the next page)				

Comments:

**Applications. List of courses:**

<a href="#"><u>C S 508</u></a>	Introduction to Data Mining
<a href="#"><u>C S 513</u></a>	Computer Security
<a href="#"><u>C S 514</u></a>	Introduction to Smart Grids
<a href="#"><u>C S 517</u></a>	Digital Game Design
<a href="#"><u>C S 518</u></a>	Visual Programming
<a href="#"><u>C S 519</u></a>	Applied Machine Learning I
<a href="#"><u>C S 521</u></a>	Parallel Programming
<a href="#"><u>C S 522</u></a>	Cloud and Edge Computing
<a href="#"><u>C S 531</u></a>	Principles of Virtual Reality
<a href="#"><u>C S 532</u></a>	Modern Web Technologies
<a href="#"><u>C S 575</u></a>	Artificial Intelligence II
<a href="#"><u>C S 581</u></a>	Advanced Software Engineering
<a href="#"><u>C S 587</u></a>	Advanced Human-Centered Computing