

**RHODE ISLAND OFFICE OF HIGHER EDUCATION  
PROGRAM ASSESSMENT FORM**

Please provide brief answers. This form is intended to provide summative information for use by RIOHE/RIBGHE.  
RIOHE may include this information on its Web site. Institutions may also choose to include this information on their Web sites.  
More detailed information may be required by your institution's academic administrators.

Institution: University of Rhode Island

Program: Computer Science

Degree: B.A. or B.S in Computer Science

Chair: James Kowalski

Academic Year Plan: 2007/2008

Student Learning Outcomes	Performance Criteria	Evidence of Intentional Commitment to Address and Assess Outcome(s) across the Program	Program-Level Assessment Method(s) and Timing	Expected Level of Achievement	Actual Level of Achievement	Analysis and Interpretation of Data	Actions	Timetable for Reassessment
<i>Upon completion of program, students are expected to (know and be able to do):</i>	<i>List specific attributes (knowledge, skills, behaviors, etc.) you expect students to exhibit that reveal achievement of specific outcome(s) assessed</i>	<i>Identify the collaborative means you used to ascertain that students have multiple and varied opportunities to learn a program-level outcome or outcomes, such as</i>	<i>Identify the direct and indirect methods you chose or will choose to gather evidence of students' attainment of the program-level outcomes.</i>	<i>Identify the level of norm-based or criteria-based performance you expect graduating students to achieve.</i>	<i>Identify students' actual level of achievement against the expected performance level.</i>	<i>Identify the recommendations that emerged from your interpretation of data (such as through aggregating and disaggregating data or</i>	<i>Describe the actions you have taken (or will take) with particular focus on improving teaching and learning.</i>	<i>Identify when you have reassessed or will reassess specific outcomes to ascertain the efficacy of actions you have taken or will take. If you have already</i>
<b>Basics of the discipline</b>								
1 Apply fundamental principles and methods of Computer Science to a wide range of applications		curriculum mapping						
2 Understand basic foundations of mathematics and physical sciences		curriculum mapping						
3 Design, correctly implement and document solutions to significant computational problems	Provide a design document consistent with department specified requirements; Implement code based on the design using an approved programming language; Document the code based on a standard format specified by dept.	curriculum mapping	Collect self-identified substantial project during senior year or before; Evaluated by fac developed rubric (see attached).	80% evaluated as "Good" or "Excellent"	see attached report	see attached report	see attached report	
<b>Proficiency in computing</b>								
4 Formulate and solve problems in computing		curriculum mapping						
5 Understand design and performance requirements of software systems		curriculum mapping						
6 Apply sound principles to the synthesis and analysis of computer systems		curriculum mapping						
7 Work effectively in teams to design and implement solutions to computational problems		curriculum mapping						
<b>Professional Development</b>								
8 Engage in lifelong learning and expect to embrace change								
9 Communicate effectively, both orally and in writing		curriculum mapping						

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10 Think critically and creatively, both independently and with others		curriculum mapping						
11 Understand the social and ethical responsibilities of a professional working in the discipline		curriculum mapping						

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