Table 4.1 Outcomes Assessment Implementation Summary for BS/MS CS			
	Academic Year		
	2007-08	**2008-09**	**2009-10**
Assessment information collected	1) Comprehensive Exam 2) Grad Committee Evaluation 3) ETS Field Test in CS 4) Senior Exit Surveys 5) Review of capstone course project design notebook 6) Assessment of core 7) Assessment of MATH 307 and STAT 300 8)Catalog Review	1) Comprehensive Exam 2) Grad Committee Evaluation	1) Comprehensive Exam 2) Grad Committee Evaluation

Conclusions drawn from the information collected above and how are faculty collectively involved in drawing conclusions	Department faculty discuss the data collected and draw conclusions during departmental meetings. 1) BSMS CS Comprehensive Exam pass rate: **0/0** **Graduate Committee Evaluation:** The committee had a concern is that enrollment in the program has varied greatly and is currently quite low. From a high of 24 students at the end of fiscal 2005 and 2006, the program fell to a low of 4 students at the end of fiscal 2008. Faculty concerns resulted in an investigation of this trend. An issue influencing the dramatic decrease in students between FY07 and FY08 was identified as originating with the former new departmental administrative assistant who was filing graduate applications rather than forwarding them to the departmental review committee. Unfortunately, this was not detected early on as the process for tracking graduate students through the application process at UAF prior to Onbase was challenging for all involved, and is currently being investigated by a special administrative team in CNSM. **Undergraduate Program Evaluation** Student interest in additional topics. Expand electives offered? Student interest in new programming languages and methods. No one has enrolled in CS 290.	Department faculty discuss the data collected and draw conclusions during departmental meetings. 1) MSCS Comprehensive Exam pass rate: **0/0** **Graduate Committee Evaluation:** Repeated student requests for more distance education opportunities, particularly for Anchorage-area students wishing to study Computer Security was discussed. **Undergraduate Program Evaluation** ETS Field Test scores are unusually low. Problem is not restricted to any particular subject area. Watch this in the coming year. CS321 (Operating Systems) has an unclear purpose and may need to be redesigned. CS 471-472 evolution into a true capstone sequence to comply with ABET suggestions is continuing.	Department faculty discuss the data collected and draw conclusions during departmental meetings. 1) MSCS Comprehensive Exam pass rate: **0/1** **Graduate Committee Evaluation:** Reviewed catalog as part of a 3-year cycle. Found that the prerequisites for CS 670 and CS 671 (crosslisted as SWE 671) were not consistent with intent and demand. Concerns were expressed about the lack of instructors. A quality graduate program requires that courses not be stacked, and this requires sufficient faculty to teach all the courses. **Undergraduate Program Evaluation** Offerings of Math 307 (Discrete Math) have been reduced by the Math Dept. Class may not be taught often enough now. ETS Field Test Scores generally high again, as usual. It seems likely that the low 2008-09 scores were an anomaly or lack of incentive for students to perform well. Continue watching this in the coming year.

Curricular changes resulting from conclusions drawn above	The new Computer Science administrative assistant has been tracking graduate applications and actively maintaining contact with applicants and potential applicants so the number of students pursuing the M.S. is improved. In addition, we are using Onbase to actively track applicants. Begin development of third undergraduate graphics course. Refocus CS 331 (Programming Languages) on newer languages. Delete CS 290 as a course.	No formal curricular changes, but at least one course is offered via distance each semester to meet the needs of our remote students. Explain purpose of CS 321, and ensure that it is focused on material that supports that purpose. **CS F361** Systems Security and Administration (formerly CS 302) was redesigned to better fit with the security course sequence. The following courses which had been offered as trial courses were made permanent in support of the NSA/DHS certifications for students: **CS F460** Introduction to Digital Forensics **CS F462** Intrusion Detection Systems **CS F463** Cryptography and Data Security	CS 670 (which is occasionally taken as a remediation course for MSCS candidate) prerequisite was changed from "Acceptance into the MSE Program" to "Graduate Standing." CS 671 (which is required for the MSCS degree candidate) prerequisite changed from "Acceptance into the MSE Program" to "Graduate Standing." The department has worked, successfully, to unstack the four required courses in the CS Masters Program. However, the graduate electives are usually offered stacked. This has resulted in decreased offerings of electives (and some required courses) in all programs. Supplementing faculty with an instructor position has been discussed to free up faculty to teach more upper division and graduate courses. Begin considering offering Discrete Math in spring semesters as CS 307, taught by CS faculty Faculty developed a plan for formalizing specializations in graphics and computer security over the next three years.