

## PROGRAM REVIEW STATUS REPORT

**PROGRAM: Computer and Information Science – Information Technology Degree Option**

Date last updated: 4-18-14

Update provided by: R. Gouveia, Dept Chair

IMPROVEMENT ACTIVITIES AND RESOURCE REQUESTS		STATUS OF ACTIVITIES AND REQUESTS	
DATE RECORDED	ACTIVITY OR RESOURCE REQUEST	DATE OF STATUS REPORT	STATUS
5 - 11	Too many application courses, 3 courses required for the degree	4/18/14	Changed curriculum program so CIS 110 is not required for CIS-IT students. Revised and consolidated other Application courses (CIS 112 & 113)
5 - 11	CIS 110 Computer applications, lack of assessment, students often come in with this level of skill	4/18/14	Still no process for accessing skill levels.
5 - 11	Overlap in CIS 112 and CIS 113, arose historically and not adequately separated	4/18/14	Restructured CIS 112 & 113 so this is no longer an issue
5 - 11	CTE 210 Microcomputers out of place in an IT degree	4/18/14	Curriculum updated and CTE 210 is not part of the current IT degree
5 - 11	Review, organize and update the current course content	4/18/14	All courses have been updated especially the gateway courses (CTN 110 and CIS 140) Blackboard templates have been designed for several courses (CTN 110, CIS 110 etc.) with updated material and reorganized
5 - 11	Program electives not run on a consistent basis (Not offered or cancelled)	4/18/14	While doing much better with consistently running program electives and ensuring students can graduate in a timely manner, it is not enforced in any way (policy or procedure). Mostly a function of reduced course set and more

5 - 11	Soft skills (written and oral communication, teamwork and professionalism) inadequately covered	4/18/14	Soft skills are specifically addressed in the program (CIS 114) and incorporated into most classes (writing/presentation assignments). Also core skills integrated into many courses
5 - 11	Co-op training/internships have difficulty finding opportunities, logistics	4/18/14	New pilot program for Co-op/internships beginning in Fall 14. Much improved organization and process. Assigned faculty coordinator
5 - 11	Evening course schedules. Four credit course are often scheduled from 5:30 – 10:00	4/18/14	Most evening courses are being offered as hybrids and it is very successful. Maximizes use of technology such as Blackboard.
5 - 11	Lack of accelerated programs, Friday/Saturday opportunities, working with alternative venues high schools and corporations	4/18/14	Currently working with Vo-Techs. Still not using Friday/Saturday except for tutoring (very successful). No accelerated programs yet.
5 - 11	Consistent way to update curriculum, courses to include new and coming technologies	4/18/14	Courses have been updated and reorganized. No formal process or assigned staff time to institutionalize the process
5 - 11	Lab limitations, particularly outside of the TC Building	4/18/14	Added labs in Lawrence (420 Common) with sufficient hardware and access
5 - 11	Misplaced students. Students who wish to transfer to a Computer Science program are misplaced into the IT option or LA-Comp Sci. degree. Neither are suitable for transfer.	4/18/14	Added CS-Transfer degree including articulation agreements with UMass/Lowell. Strong enrollment and curriculum allows movement between the degree programs with minimal course issues as students find their place
5 - 11	Misplaced students (part 2). Students who are placed in the IT degree but have career goals that better match the Application option	4/18/14	Still some issues with placements. Applications degree relatively under-enrolled. Emphasizing career/degree choices in gateway courses to raise awareness. Need to do more to bring awareness to students in other departments that might find the

5 - 11	Student tracking is insufficient both for retention and after graduation.	4/18/14	Still an issue. Tracking after graduation is mostly anecdotal, hard data not available.
5 - 11	Full time faculty is aging, reliance on adjunct faculty	4/18/14	Hired two faculty in the past two years. Still clearly insufficient. More retirements/losses coming without replacements while growing program and demand needs a growing department not one slowly being depleted