

## Computer Science Program Assessment Plan

Program Objectives	Courses	Outcome Measure(s)	Comparative External Measures	When Measured	Who Collects and Analyzes	How data are used for annual reporting and improvement
1. Software Development Life Cycle	CSC305, 306	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.
2. Read and Write code in High level coding system	CSC184, 254, 284, 285, 306, 484	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.
3. Mathematics and database modeling	CSC208, 305, 306	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.
4. Problem Solving skills	CSC184, 208, 254, 284, 285, 305, 306, 386, 484	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.
5. Computer Organization and data structures	CSC184, 254, 284, 285, 386, 484	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.
6. Computer Hardware	CSC284, 386, 484	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.
7. Working in teams to accomplish a common goal	CSC285, 306,	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.
8. Oral and Written Communication	CSC184, 254, 306, 484	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.

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9. Ethical and social issues of computers systems	CSC184, 254, 305, 386	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.
10. 10 Individual pursuit of Life-long learning	CSC184, 254, 285, 305, 306, 386	Course exams and projects	ETS field test	During and at the end of courses	Course faculty, designated faculty member, and Chairperson	Deficiencies, insufficiencies , and trends will be identified, and used for course and curriculum improvements.
11. Graduation Trends	N/A	Graduation Rate	N/A	Senior year	Chairperson	Annual Unit Report
12. Retention Trends	N/A	Graduation Rate	N/A	Senior year	Chairperson	Annual Unit Report