DEPARTMENT ______CIOS__________________

COURSES INCLUDED IN ASSESSMENT __CO880 Unix, C and C++ Specialist Certificate____

CONTACT FACULTY: ______Hui-Liang Low_______

DIRECTIONS: Identify 3-5 skills or competencies for each program/program area. Complete and submit columns, A-E by October 15, 2005. By September 15, 2006, complete and submit columns, F-G and any modifications to columns, A-E. Submit all materials including the Assessment Schedule to the assessment representative in your department.

MISSION STATEMENT: Joliet Junior College is committed to providing a quality education that is affordable and accessible to the diverse student population it serves. J.J.C. prepares its students for success in higher education and employment. It also provides a broad spectrum of transitional, extension, adult, continuing and work force education.

DEPARTMENT GOAL(S) _To prepare students for entry level programming/systems administrating jobs._

<table>
<thead>
<tr>
<th>A.) Student Competencies /Skills (related to program)</th>
<th>B.) What is the anticipated student outcome (desired level of competency)</th>
<th>C.) Assessment Instruments /Measures (can have more than one)</th>
<th>D.) Target Population</th>
<th>E.) Who is involved and identify their responsibilities?</th>
<th>F.) What were the results of the assessment? (Attach any relevant data or assessment instruments).</th>
<th>G.) How will the results be used to improve/modify the course or program? (delivery, content, sequencing, text, objectives, assessment, etc)</th>
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<tbody>
<tr>
<td>Competency/Skill 1 Students should have general knowledge of Computer Information Systems Fundamentals</td>
<td>75% of students should pass the Assessment test with 90% or better</td>
<td>Departmental Assessment Test</td>
<td>Students in CIS 122 and CIS 127</td>
<td>Ram Raghuraman and Willy Low</td>
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<td>Competency/Skill 2 Students should be able to perform Systems Administrating functions</td>
<td>80% of students should be able to complete the Systems Administrating project</td>
<td>Instructor evaluation</td>
<td>Students in CIS 247</td>
<td>Ram Raghuraman and Rich McNeil</td>
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<td>Competency/Skill 3 Students should be able to write computer programs using high level programming language</td>
<td>80% of students should be able to write computer programs using C++, Java, or Visual Basic.</td>
<td>Instructor evaluation</td>
<td>Students in CIS 280, CIS 246, and CIS 261</td>
<td>Ram Raghuraman and Willy Low</td>
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