Transfer Major to University of California
Mathematics

Assessment Placement Results:

ENGLISH ___________ _______ unit course

MATH _______ _______ unit course

You can find the courses required for your transfer major by looking at www.assist.org since you are transferring to a University of California/California State University school.

The major in Mathematics for Transfer degree consists of a clear sequence of courses which prepares students for transfer into the major. The study of mathematics concerns the nature and manipulation of known and unknown quantities. The MSJC mathematics transfer degree is designed to provide students with an appreciation of the nature, scope and power of mathematics, as well as an understanding of how mathematics is applied to business, engineering, science and daily life.

Students successfully completing the coursework will earn an ASSOCIATE DEGREE in MATHEMATICS FOR TRANSFER from MSJC.
# Mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>C</th>
<th>IP</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 Freshman Composition: (Area 1, Group A)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 105 College Algebra: (Area 2, Math) Prerequisite for MP</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IGETC Course: (Area 3, Arts)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 103 or PHIL 112 Critical Thinking: (Area 1, Group B)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 110 Pre-calculus: Prerequisite for MP</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IGETC Course: (Area 4, #Social Behavioral Sciences)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSIS 113A or CSIS 113B OR MATH 140 PHY 201 (Select one course for MP)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 211 Calculus I: MP</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IGETC Course: (Area 5, Biological Science Complete with Lab*)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IGETC Course: (Area 4, #Social Behavioral Sciences)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 212 Calculus II: MP</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IGETC Course: (Area 3, Humanities)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IGTEC Course: (Area 5, Physical Science)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IGETC Course: (Area 6, *Language Other Than English) If not met in High School</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 213 Calculus III: MP</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 215 Differential Equations or MATH 218 Linear Algebra: MP</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IGETC Course: (Area 3, Arts or Humanities)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IGETC Course: (Area 4, #Social Behavioral Sciences)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ADDITIONAL REQUIREMENTS

1. Application must be submitted between November 1st to November 30th, one year prior to transfer.
2. All students should meet with a counselor at least once a semester to update their plan and review admission requirements to the university of their choice.
3. #Course in this area must be from at least two disciplines.
4. *If LOTE was completed in High School, student will need an additional UC transferable course. Student must complete a minimum of 60 transferable to UC/CSU Universities.

Note: Each University of California may have different major preparation requirements.

Every effort is made to keep this information current. Articulation is an ongoing project and subject to modification. Please use this form as a guideline and consult with a university representative or Mt. San Jacinto College Counselor. Also refer to [www.assist.org](http://www.assist.org) for the current IGETC/CSU GE Breath list.