General Studies Advising Guides are designed to identify coursework that transfers to ASU as satisfying general studies requirements. For information on how coursework applies to a specific degree, refer to Transfer Guides. Students are advised to consult with an advisor to determine the applicability of their coursework.

Transfer value of a course, including General Studies designations, is governed by the Course Equivalency Guide (CEG) in force at the time the course is satisfactorily completed.

<table>
<thead>
<tr>
<th>COCONINO COURSES</th>
<th>TITLE</th>
<th>ASU EQUIVALENT COURSE(S)</th>
<th>TITLE</th>
<th>GS REQ'T SATISFIED</th>
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<tbody>
<tr>
<td>MAT 142 (3)</td>
<td>APPL OF COLLEGE ALGEBRA</td>
<td>MAT 114</td>
<td>COLLEGE MATHEMATICS</td>
<td>MA</td>
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<tr>
<td>MAT 151 (4)</td>
<td>COLLEGE ALGEBRA</td>
<td>MAT 117</td>
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<tr>
<td>MAT 172 (3)</td>
<td>FINITE MATHEMATICS</td>
<td>MAT 119</td>
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<td>MAT 187 (5)</td>
<td>PRE-CALCULUS</td>
<td>MAT 170</td>
<td>PRECALCULUS ALGEBRA AND TRIG</td>
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<tr>
<td>MAT 212 (3)</td>
<td>BUSINESS CALCULUS</td>
<td>MAT 210</td>
<td>BRIEF CALCULUS</td>
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<tr>
<td>MAT 220 (5)*</td>
<td>CALC &amp; ANLYTIC GEOM I</td>
<td>MAT 270*</td>
<td>CALCULUS/ANAL GEOMETRY I</td>
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<td>**MAT 220 TRANSFERS IN LIEU OF MAT 260 [MA] FOR TECHNOLOGY MAJORS ONLY.</td>
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<tr>
<td>MAT 230 (5)*</td>
<td>CALC AND ANLYTIC GEOM II</td>
<td>MAT 271*</td>
<td>CALCULUS W/ANALYTIC GEOMETRY II</td>
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<td>MAT 241 (4)*</td>
<td>CALC AND ANLYTIC GEOM III</td>
<td>MAT 272</td>
<td>CALCULUS W/ANALYTIC GEOMETRY III</td>
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<td>**THE CALCULUS SEQUENCE [MAT220, MAT230 &amp; MAT241] TRANSFERS AS EITHER [MAT270, MAT271 &amp; MAT272] OR [MAT290 &amp; MAT291]. COURSE BY COURSE EQUIVALENCY MAY BE GRANTED TO MAT270, MAT271 OR MAT272. HOWEVER, TO ENSURE CONTINUITY OF INSTRUCTION, COMPLETION OF AN ENTIRE SEQUENCE AT ONE INSTITUTION IS RECOMMENDED.</td>
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<tr>
<td>MAT 262 (3)*</td>
<td>DIFFERENTIAL EQUATIONS</td>
<td>MAT 274</td>
<td>ELEM DIFFERENTIAL EQUATIONS</td>
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<td>**MAT 262 TRANSFERS IN LIEU OF MAT 262 [MA] FOR TECHNOLOGY MAJORS ONLY.</td>
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COCONINO COMMUNITY COLLEGE COURSES WHICH CAN BE USED TO SATISFY ASU GENERAL STUDIES REQUIREMENTS

MATHEMATICS CORE COURSES [MA] SPRING 2003