MATHMATICS SEQUENCE BY CURRICULUM

The MTH 1/5/6 courses are taken for no credit and are remedial or compensatory in nature. They are designed for students who lack the preparation necessary to enter the college-level mathematics courses.

COLLEGE CURRICULA MATHEMATICS REQUIREMENTS

Identify the sequence of math courses for your curriculum (major) below. Consult the Mathematics Course Placement chart following the curricula list to determine the first mathematics course you will need to take in your mathematics sequence.

NOTES:
- Students in pre-Pathways curricula should refer to their specific curriculum.
- The old sequence MTH 3 ➔ MTH 4 (not offered after Spring 2010) can replace MTH 5 anywhere below.

<table>
<thead>
<tr>
<th>Pathways Curricula</th>
<th>Required Mathematics Courses Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting AAS Degree</td>
<td>1 ➔ 5 ➔ 21 or 23 OR 1 ➔ 5 ➔ 6 ➔ 30 ➔ 31*</td>
</tr>
<tr>
<td>Animal Care and Management Certificate</td>
<td>1 ➔ 5 ➔ 12 or 21</td>
</tr>
<tr>
<td>Assistant of Children with Special Needs Certificate</td>
<td>None</td>
</tr>
<tr>
<td>Automotive Technician Certificate</td>
<td>1 ➔ 5</td>
</tr>
<tr>
<td>Automotive Technology AAS Degree</td>
<td>1 ➔ 5 ➔ 6 ➔ 13</td>
</tr>
<tr>
<td>Automotive Technology Option</td>
<td></td>
</tr>
<tr>
<td>Diesel Technology Option</td>
<td></td>
</tr>
<tr>
<td>Bilingual Early Childhood Assistant Certificate</td>
<td>None</td>
</tr>
<tr>
<td>Biotechnology AS Degree</td>
<td>1 ➔ 5 ➔ 6 ➔ 30 ➔ 31 ➔ 32</td>
</tr>
<tr>
<td>Business Administration AS Degree</td>
<td>1 ➔ 5 ➔ 6 ➔ 30 ➔ 31</td>
</tr>
<tr>
<td>Accounting Option</td>
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<tr>
<td>Computer Programming Option</td>
<td></td>
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<tr>
<td>Management Option</td>
<td></td>
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<tr>
<td>Marketing Management Option</td>
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<tr>
<td>Community Health Certificate</td>
<td>None</td>
</tr>
<tr>
<td>Computer Information Systems AAS Degree</td>
<td>1 ➔ 5 ➔ 21 or 23 OR 1 ➔ 5 ➔ 6 ➔ 30 ➔ 31*</td>
</tr>
<tr>
<td>Computer Programming Option</td>
<td></td>
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<tr>
<td>Web Page Development Option</td>
<td></td>
</tr>
<tr>
<td>Computer Science AS Degree</td>
<td>1 ➔ 5 ➔ 6 ➔ 30 ➔ 31 ➔ 32 ➔ 33 ➔ (34, 42)*</td>
</tr>
<tr>
<td>Criminal Justice AA Degree</td>
<td>1 ➔ 5 ➔ 21 or 23</td>
</tr>
<tr>
<td>Digital Arts AAS Degree</td>
<td>1 ➔ 5 ➔ 21 or 23</td>
</tr>
<tr>
<td>Graphic Design Option</td>
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<tr>
<td>Web Design Option</td>
<td></td>
</tr>
<tr>
<td>Dietetics and Nutrition Science AS Degree</td>
<td>1 ➔ 5 ➔ 23</td>
</tr>
<tr>
<td>Early Childhood Assistant Certificate</td>
<td>None</td>
</tr>
<tr>
<td>Education Associate AAS Degree</td>
<td>1 ➔ 5 ➔ 21 or 23</td>
</tr>
<tr>
<td>Electronic Engineering Technology AAS Degree</td>
<td>1 ➔ 5 ➔ 6 ➔ 30 ➔ 31</td>
</tr>
<tr>
<td>Energy Services Technology AAS Degree</td>
<td>1 ➔ 5 ➔ 6 ➔ 13 and 23 OR (1 ➔ 5 ➔ 6 ➔ 30 ➔ 31)*</td>
</tr>
</tbody>
</table>
Engineering Science AS Degree
156-6-30-31-32-33-34

English AA Degree
15-5-21 or 23

Environmental Technology AAS Degree
15-5-6-13 and 23 OR 15-5-6-30(31)*

Exercise Science and Kinesiology AS Degree
15-5-21 or 23

Human Services AAS Degree
15-5-21 or 23*

Liberal Arts and Sciences AA Degree
15-5-21 or 23

- Early Childhood and Political Science Option
- Childhood Education Option Psychology Option
- History Option Secondary Education Option
- Human Services Option Sociology Option
- International Studies Option Spanish Option
- Media Studies Option Speech Pathology Option
- Performing Arts Option

Liberal Arts and Sciences AS Degree

- Biology Option
15-5-6-30-31-32

- Chemistry Option
15-5-6-30-31-32

- Earth Systems and Environmental Science Option
15-5-6-30-31-32

- Physics Option
15-5-6-30-31-32-33

Licensed Practical Nursing (LPN) Certificate
15-5

Marketing Management AAS Degree
15-5-21 or 23 OR 15-5-6-30(31)*

Mathematics AS Degree
15-5-6-30-31-32-33 and 42 and two courses from: CS 35, MTH 34, 44, 46, 48

Media and Digital Film Production AS Degree
15-5-21 or 23

Medical Office Assistant AAS Degree
15-5-21 or 23

Medical Laboratory Technician AAS Degree
15-5-6-13 and 23

Nuclear Medicine Technology AAS Degree
15-5-6-30

Nursing AAS Degree
15-5-23

Ornamental Horticulture AAS Degree
15-5

Office Administration and Technology AAS Degree
15-5-21 or 23 OR 15-5-6-30(31)*

Paralegal Studies AAS Degree
15-5-21 or 23

Paralegal Certificate
15-5

Pharmaceutical Manufacturing Technology AAS Degree
15-5-6-13-14 OR (15-5-6-30-31-32)*

Public Health AS Degree
15-5-21 or 23

Radiologic Technology AAS Degree
15-5-6-13 or 30*

Science for Forensics AS Degree
15-5-6-30-31-32

Therapeutic Recreation AS Degree
15-5-21 or 23*

Telecommunications Technology AAS Degree
15-5-6-30-31

* Students who may later transfer to a four-year college should consider taking these courses. Students should review the degree requirements at the four-year school. Students should also consult with the financial aid office to determine if the higher level math course is acceptable for financial aid applicability.