MATHEMATICS

Program Description
Have you ever wondered how we got to the moon? Or how a computer or a cell phone works? Or how the Egyptians made the pyramids? These achievements and many more would not have been possible without mathematics. Math opens the doors to exciting and lucrative careers such as robotics, coding, wealth management, engineering, cybersecurity, astrophysics, aerospace, and many more! MATH = $$$

Mathematics Department Page (https://www.msjc.edu/math/)

Transfer Preparation
MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Career/Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting http://www.assist.org. All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information
San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
Luis Mondragon (951) 487-3757
lmondragon@msjc.edu

Temecula Higher Education Center
Bahram Sherkat (951) 506-6617
bsherkat@msjc.edu

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335
Kyle Castro (951) 639-6752
kcastro@msjc.edu
Patrick Martinez (951) 639-6752
pamartinez@msjc.edu

Degrees/Certificates

Degrees
Transfer Degree

Program Learning Outcomes
• Students will develop problem-solving and scientific and technological modeling skills to solve mathematical problems. They will be able to reflect on their own thoughts, question and propose problems, and apply past knowledge to new situations.

Careers and Salaries
Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for Careers or Programs (https://msjc.emsicc.com).

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O*NET, EMSI.

<table>
<thead>
<tr>
<th>Career/Industries</th>
<th>CA Annual Median Salary or Range</th>
<th>Employment Demand or Opening CA</th>
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<tbody>
<tr>
<td>Education (B, M, D)</td>
<td>$52,000-$61,000</td>
<td>9,464</td>
</tr>
<tr>
<td>Statisticians (B, M)</td>
<td>$60,315-$135,461</td>
<td>610</td>
</tr>
<tr>
<td>Managers (B)</td>
<td>$80,925-$255,993</td>
<td>867</td>
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<tr>
<td>Operations Research Analysts (M, D)</td>
<td>$49,364-$143,186</td>
<td>1,190</td>
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<tr>
<td>Financial Quantitative Analysts (M, D)</td>
<td>$43,558-$125,637</td>
<td>1,628</td>
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<td>Software Developers, Systems Software (B)</td>
<td>$76,570-$178,610</td>
<td>6,825</td>
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<tr>
<td>Actuaries (B)</td>
<td>$68,865-$177,323</td>
<td>113</td>
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</tbody>
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(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor’s degree, M: Master’s degree, D: Doctorate)