

## Grossmont College Mathematics AS-T Preparation for the Major

### Mathematics - B.S. DEGREE

To receive admission preference to CSU's students can complete the AS-T in Mathematics. It is also important that students incorporate as much of the lower division course work found on the [www.ASSIST.org](http://www.ASSIST.org) articulation agreement as possible. In addition to degree requirements, students must complete CSU GE Certification or IGETC-CSU. It is important to meet with a Counselor for additional assistance.

| Grossmont Subject & Number          | Title                             | Units |
|-------------------------------------|-----------------------------------|-------|
| <b>Required CORE:</b>               |                                   |       |
| Mathematics 180                     | Analytic Geometry and Calculus I  | 5     |
| Mathematics 280                     | Analytic Geometry and Calculus II | 4     |
| Mathematics 281                     | Multivariable Calculus            | 4     |
| <b>LIST A:</b>                      |                                   |       |
| Mathematics 284                     | Linear Algebra                    | 3     |
| <b>LIST B:</b>                      |                                   |       |
| Select <b>ONE</b> of the following: |                                   |       |
| Mathematics 160                     | Elementary Statistics             | 4     |
| Mathematics 245                     | Discrete Math                     | 3     |
| Mathematics 285                     | Differential Equations            | 3     |
| Physics 140                         | Mechanics of Solids               | 4     |
| CSIS 293                            | Introduction to Java Programming  | 4     |
| CSIS 296                            | Introduction to C++ Programming   | 4     |
| <b>Total Units:</b>                 |                                   | 19-20 |

For additional information specific to SDSU see the following SDSU web site:  
<http://arweb.sdsu.edu/es/admissions/transfers/associate-transfer.html>

*SDSU accepts AS-T degrees in Mathematics (Science Emphasis only). This major will not have a foreign language competency requirement at SDSU. Check with a Counselor for applicability to other CSU's. The Mathematics AS-T requires a minimum 2.0 Cumulative G.P.A.*

***Students applying with the AS-T in Mathematics will receive priority in the admissions process but are not guaranteed admittance into the CSU of their choice.***

***Admission is highly competitive for most CSU's. Students are strongly advised to go above and beyond minimum G.P.A requirements and apply for admission at multiple campuses.***

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NOTE: These planning sheets are developed from course-to-course agreements with SDSU; they are researched and updated each year.

Grossmont College Articulation: [www.grossmont.edu/articulation](http://www.grossmont.edu/articulation)