

San Diego City College Mecomtronics Program

1313 Twelfth Avenue
San Diego, CA 92101-4787
(619) 388-3524

About the program:

The Mecomtronics program is a two-year Associate of Science degree program to become a multifunctional computer and engineering technician. Classes are set up using a block, day schedule, and are taught with a hands-on integrated learning approach in the areas of Engineering Technology, Mathematics, Physics and English. The program emphasizes teamwork and workforce preparation. Mecomtronics graduates will be in demand in the electronics, telecommunications and computer industries.

Eligibility Requirements:

To be eligible for the program, you must satisfy the following requirements:

1. You must have completed Math 96 (Intermediate Algebra and Geometry) or its equivalent, with a grade of "C" or better, OR scored a Mathematics Assessment Skill Level of M50 or the equivalent in the Intermediate Algebra Readiness Test..
2. You also must have completed both English 51 (Basic Composition) and English 56 (College Reading Study Skills) or their equivalents, with a grade of "C" or better, OR scored a 5 in both the English and Writing Assessment Exams.
3. You must be available to take classes Monday through Thursday between the hours of 8:00 a.m. and 2:00 p.m. You will also need to be available for program related activities on Fridays until 1:00 p.m.
4. You must demonstrate ability and/or aptitude to be successful in this academic program. You can demonstrate such evidence by attaching one of the following to your application:
 - a.- Official documents listing college and/or high school GPA;
 - b.- College and/or high school transcripts;
 - c.- Courses successfully completed in current education plan;
 - d.- Proof of successful completion of transfer-level Mathematics courses.
5. You must demonstrate basic skills in computer software and/or hardware. This can include, but is not limited to having successfully completed related courses; a list of all the hardware systems and/or operating system platforms with which you are familiar; a list of software applications you are proficient in running; OR a short description of your knowledge and/or experience in working with computers.

In order to determine the most qualified candidates for the limited spaces available, student applications will be reviewed and ranked by a panel of faculty assigned in various disciplines.

Application Checklist:

- Completed the application and wrote essay.
- Turned in a copy of my transcripts and/or my assessment scores.
- Applied for admission to San Diego City College.

Application Deadline:

The Mecomtronics application must be completed and turned in by _____.
Following review of the applications, you will be notified whether or not you will be invited for an interview.

San Diego City College
Mecomtronics Engineering Technology Application
 1313 Twelfth Avenue
 San Diego, CA 92101-4787
 (619) 388-3524

PLEASE PRINT ALL INFORMATION

_____ (_____) _____
Name (Last, First, Middle) Home Phone

_____ _____
Address - Number and Street - Apartment number City

_____ _____ _____
State Zip Code Email Address

What is the highest level of education you have completed?

High School 9th 10th 11th 12th Diploma GED have attended college

How many college units have you completed?

_____ (semester units) _____ (quarter units)

What is your current high school or college GPA? _____ (high school) _____ (college)

I have completed the following math classes: (Check all that apply.)

- | | |
|--|--|
| <input type="checkbox"/> Pre-algebra | <input type="checkbox"/> Elementary Algebra and Geometry |
| <input type="checkbox"/> Intermediate Algebra and Geometry | <input type="checkbox"/> Trigonometry |
| <input type="checkbox"/> College and Matrix Algebra | <input type="checkbox"/> Statistics |
| <input type="checkbox"/> Calculus I (Derivatives) | <input type="checkbox"/> Calculus II (Integrals) |
| <input type="checkbox"/> Other (please specify) _____ | |

What is the highest level of English you have completed? _____

Rank your level of skill from 1 to 5 (with 5 being the highest) in the following areas:

- | | | | | | |
|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Electronics | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| Computer repair | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| Computer troubleshooting | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| Computer programming | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| Mathematics | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| Math applications | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| Hands-on activities | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |

Describe your computer skills, and be sure to include any computer applications with which you are familiar. (attach additional sheets if necessary)

Have you applied to San Diego City College? yes no

Have you taken a college placement test? yes no

If yes, Where? _____

What were your placement scores in: Math _____ **Reading** _____ **Writing** _____

Mecomtronics is a 2-year intensive full-time day program. The program will require 19.5 hours per week of classroom and lab time, and approximately another 20 hours of course related work outside of class. Are you able to make this time commitment for the 2-year period??

yes no **If no please explain** _____

Essay Question: On a separate piece of paper, explain why you are a strong candidate for the Mecomtronics program. Include any work-related skills, interests or hobbies that are directly related to this program. (Please no more than one word-processed or typed page.)

I give my permission for the Mecomtronics program to give my name, phone number and address to college and employer representatives. yes no

Student Signature

Date

SUPPLEMENTAL INFORMATION
(Voluntary)

This information will not be used in selecting applicants for the Mecomtronics program. Upon filing an application, this self-disclosure form is removed from your application and stored in a separate file. Information will be used to help the department better serve the students who are selected for interviews, and later for those admitted to the Mecomtronics program.

1. **Name** _____
(Last, First, MI)

2. **Birthdate** _____
(Month/Date/Year)

3. **Gender** Male Female

4. **Ethnicity**

- | | | |
|---|---|--|
| <input type="checkbox"/> African American | <input type="checkbox"/> Caucasian | <input type="checkbox"/> Filipino |
| <input type="checkbox"/> Alaskan Native | <input type="checkbox"/> Central American | <input type="checkbox"/> Pacific Islander |
| <input type="checkbox"/> American Indian | <input type="checkbox"/> Mexican American | <input type="checkbox"/> Other - specify below |
| <input type="checkbox"/> Asian | <input type="checkbox"/> Other Hispanic | _____ |

5. **What potential obstacles may interfere with the successful completion of your education?**

- | | | |
|---|--|--|
| <input type="checkbox"/> Financial problems | <input type="checkbox"/> Knowledge of educational system | <input type="checkbox"/> Employment |
| <input type="checkbox"/> Family obligations | <input type="checkbox"/> Academic preparation | <input type="checkbox"/> Exceptional needs |

Please specify: _____

6. **Do you have a physical or cognitive impairment, which limits one or more major life activities?**

yes no If yes, please specify _____

7. **Do you have a physical or verifiable learning disability, that will require an accommodation for your success in the program?** yes no

8. **For the interview process, will you need an accommodation due to a physical or learning disability?**

yes no

9. **Do you have a felony on record?** yes no

If yes, please briefly explain:

10. **After completing the Mecomtronics program my preference is to:**

begin working full-time transfer to a four-year university

11. **I decline to complete this form.** yes no

Signature _____

Date _____