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| Fall 2025  Earn your Essentials of Robotics and Programming Certificate in one semester    **Students who will finish the required courses for**  **the certificate successfully will take their robot home for free.** |  |

The Certificate of Achievement in Essentials of Robotics and Programming provides students with a high-quality education that prepares them for professional career in programming and robotics. The curriculum prepares students for engineering, mechatronics, and software development as they design,

construct, and program an autonomous robot. To complete the Certificate of Achievement in Essentials of Robotics and Programming, students must complete all of the program course requirements.



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**Visit** [**https://www.wlac.edu/academics/pathways/csat**](https://www.wlac.edu/academics/pathways/csat)

**Interest Form**

**or contact** ***Prof. Parvaneh Ghaforyfard* at** [**ghaforp@laccd.edu**](mailto:ghaforp@laccd.edu)

**Prof. Chiang at** [**ChiangAS@wlac.edu**](mailto:ChiangAS@wlac.edu)

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| **Courses** | **Course No.** | **Course Title** | **Units** | **Term Offer** |
| **Core Requirements** | MIT 220  EET 123  ENG GEN 101  CS 119 | INTRODUCTION TO ROBOTICS  INTRODUCTION TO ARDUINO  INTRODUCTION TO SCIENCE, ENGINEERING AND TECHNOLOGY  INTRODUCTION TO PYTHON PROGRAMMING  **Total Required Units** | ***3***  ***2***  ***2***  **3**  **10** | Fall2025  Fall2025  Fall2025  Fall2025 |

**Certificate of Achievement in “Essentials of Robotics and programming” Requirement**