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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**

**Prof. Chiang at** **ChiangAS@wlac.edu**

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| **Courses** | **Course No.** | **Course Title** | **Units** | **Term Offer** |
| **Core Requirements** | MIT 220EET 123ENG GEN 101CS 119 | INTRODUCTION TO ROBOTICSINTRODUCTION TO ARDUINOINTRODUCTION TO SCIENCE, ENGINEERING AND TECHNOLOGYINTRODUCTION TO PYTHON PROGRAMMING**Total Required Units** | ***3******2******2*****3****10** | Fall2025Fall2025Fall2025Fall2025 |

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