Triple Degrees For Mechanical Engineering Major at CSULA

Cal State L.A.’s Emerzon Antonio Cruz Guandique is “triple” ready to enter the workforce after his graduation at the CSULA Commencement on Friday, June 15. Not only will he achieve three degrees—an M.S. and B.S. in mechanical engineering and a B.S. in engineering with a special option in manufacturing engineering—he will also be equipped with the experience, knowledge and skills that he received through hands-on industry projects, conducted as part of the University’s Professional Practice Program.

Cruz, who is a recipient of a Boeing Scholarship, said, “The best part of Cal State L.A. was having the opportunity to interact with industry liaisons, to be able to get a firsthand look at what was actually needed and required from new engineers in the workforce.”

He was a member of CSULA’s NASA Research Team and Human-Powered Vehicle Team. While conducting his capstone/senior design project, his team was awarded second place in the CSULA Student Research Symposium. Demonstrating leadership, he served as vice president for CSULA’s chapter of the Society of Manufacturing Engineers.

A Dean’s List student, he is also a member of the American Society of Mechanical Engineers, the Society for the Advancement of Material and Process Engineering, the Engineers Without Borders (EWB), and the Society of Hispanic Engineering and Science Students.

Making a difference on campus, he was involved with the Rehabilitation Engineering Lab, working with a team to create an orthotic hand for a staff member at the University and a separate team to create a bath transfer system for a child of another campus employee.

Currently, Cruz is an intern for American Technical Service Inc. at the Naval Surface Warfare Center, Corona Division. A South Los Angeles resident, he is the first in his family to graduate from college.