

La Roche University
Robotics Minor PROGRAM GUIDE
Department: Computer Science

Student Name _____
I.D. Number _____

First Year Student
 Change of Major

Transfer
 Readmit

Unofficial Eval Completed by/date: _____

PURPOSE: The Minor in Robotics is meticulously designed to equip Computer Science undergraduates with a thorough and comprehensive understanding of robotics. This program delves into the fundamental principles of robotics, advanced programming techniques, and a wide range of applications. Students will engage in hands-on projects, learning to design, build, and program autonomous robotic systems. The curriculum encompasses key topics such as sensor integration, control systems, machine learning, and artificial intelligence, ensuring that graduates are well-prepared to tackle the challenges and innovations in the dynamic field of robotics.

REQUIREMENTS: To successfully complete the Minor in Robotics, the following coursework is required:

- Total Credits: 19
 - o Plus 14 credits of prerequisite courses

		<u>Credits</u>	<u>Transfer Course #/Comments</u>
MINOR REQUIREMENTS: 19 CREDITS			
_____	CSCI1010	Programming I	3
_____	CSCI1010L	Programming I Lab	1
_____	CSCI2025	Systems Programming	3
_____	CSCI2025L	Systems Programming Lab	1
_____	CSCI2033	Mechatronics	3
_____	CSCI2033L	Mechatronics Lab	1
_____	CSCI4070	Intro to Artificial Intelligence	3
_____	CSCI4080	Fundamentals of Robotics	3
_____	CSCI4080L	Fundamentals of Robotics Lab	1

Total Credits Earned _____
Credits Required 19
Credits Remaining _____

Registrar's Signature _____ Date _____