

OAKLAND COMMUNITY COLLEGE

Robotics / Automated Systems Technology (ROB.AUT.AAS) Full-Time - Fall Start 2021 - 2022

Students should meet with an OCC counselor before attempting this plan of study

Year 1 - FALL

COURSES	CR
CAD 1101 Introduction to CAD	4
ENG 1450 ^{1,2} Writing & Reading for Problem-Solving	3
or ENG 1510 Composition I	3
Gen Ed Elective Fine Arts/Humanities	3
ROB 1500 Introduction to Robotics Tech	4
TOTAL CREDITS:	14

Year 1 – WINTER

COURSES	CR
MAT 1150 ² Intermediate Algebra	4
APP 2170 Applied Technology	4
ROB 1620 Industrial Robotic Applications	4
Gen Ed Elective Communication/English	3
TOTAL CREDITS:	16

Year 1 – SUMMER

COURSES	CR
ROB 1650 Collaborative Robotics	2
TOTAL CREDITS:	2

Year 2 - FALL

COURSES	CR
ROB 1640 Interpolated Welding Robotic Application	4
ROB 1660 Robotic Communications and Machine Vision	4
ROB 1520 Robotic Maintenance	4
ROB 2040 Programmable Controller Apps	4
TOTAL CREDITS:	16
MILESTONE: Make an appointment to meet with a Counselor to apply for graduation for this degree.	

Year 2 - WINTER

COURSES	CR
Gen Ed Elective Social Science	3
ROB 2500 Robotic Controller Maintenance	4
ROB 2400 Robotic Automated Systems Applications	4
ROB 2140 Advanced Programmable Controller	4
TOTAL CREDITS:	15

Total Credits: 62

¹ Prospective transfer students should select ENG 1510.

² Course may be used to meet General Education Requirements.