

2026-2027 OCCUPATIONAL CERTIFICATE (CERT) AWC ADVISEMENT CHECK SHEET

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ELECTRICAL FOR MANUFACTURING

Student Name	ID #	Advisor	Major Code: CERT.ECTMG Credits: 10
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This certificate provides an introduction to basic electrical principles, circuits and measurements. It also gives an overview of the principles and applications of components, control circuits, diagrams, PLC architecture/programming and troubleshooting.

Required Major Courses (10 Credits)		Cr	Sem	Notes
ECT 105	Basic Electricity	3		
ECT 210	Control Circuits	4		
ECT 230	Programmable Logic Controllers	3		