Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
				PRAG	304- 304L	Electrical Diagnosis for Farm Machinery & Lab	
ET OR ET	330-330L 451-451L	Microcontrollers and Networks & Lab Industrial Controls and PLCs & Lab	3	ET OR ET	330-330L 451-451L	Microcontrollers and Networks & Lab Industrial Controls and PLCs & Lab	3
				ET	370-370L	Data Acquisition	3
				AST OR OM OR AST OR ET	494 494 497 497	Internship Internship Cooperative Education Cooperative Education	2
		Technical Electives	4			Technical Electives	4
	Total number of hours required for minor		18		Total number of hours required for minor		18

CIP Code:

Current Program CIP Code: 15.0303; Title: Electrical, Electronic, and Communications Engineering Technology/Technician.

Definition: A program that prepares individuals to apply basic engineering principles and technical skills in support of electrical, electronics and communication engineers. Includes instruction in electrical circuitry, prototype development and testing, systems analysis and testing, systems maintenance, instrument calibration, and report preparation.

Proposed CIP Code: 15.0407; Title: Mechatronics, Robotics, and Automation Tf1 0 0 1 109.5 2(Me)3(c)14(h)10(