

# School of Industry & Trades

## **Agricultural Mechanics**

Adv. Heavy Equipment Technician (C)  
Basic Heavy Equipment Technician (C)  
Heavy Machinery Management (C)

## **Autobody/Collision**

Autobody/Collision Repair (C)

## **Autobody/Refinishing**

Autobody/Refinishing (C/AS)

## **Automotive Technology**

Automotive Brakes & Suspension (C)  
Automotive Diagnosis (C)  
Automotive Engines & Transmissions (C)  
Automotive Service (C)  
Automotive Technician (SR/AS)

## **Computer Electronics**

Computer Electronics (C/AS)

## **Electronics Technology**

Automation Technician (SR)  
Electrical Installer (SR)  
Electrician (C)  
Electro-Mechanic (C)  
Industrial Electronics (C/AS)

## **Logistics and Supply Chain Management**

Logistics and Supply Chain Management (C/SR/AS)  
Logistics Associate (SR)

## **Machine Tool Technology**

Basic Machining (SR)  
CNC Machinist (SR)  
Machine Tool Technology (C/AS)  
Maintenance Operator (SR)  
Maintenance Machinist (C)

## **Welding**

Welding (AS)  
Welding: Design & Fabrication (SR)  
Welding: Gas Metal Arc Welding and  
- Gas Tungsten Arc Welding (SR)  
Welding: Manufacturing Technology (C)  
Welding: Pipe Welding (SR)

# School of Industry and Trades (Associates Degree)

## Flexible 1<sup>st</sup> Fifteen Units

### Instructions:

1. Take COLSK 100 or BUSAD 230 & GUIDE 111.
  
2. Take ELTEC 208.
  
3. Pick two courses from the list of first classes in majors/programs.
  
5. Take MATH 89 or Math 101 (may need Math 32).
  
6. Pick one course from the list of General Education Options.

Course Selections:	Units	Term
1. COLSK 100 or BUSAD 230 & GUIDE 111	<u>4</u>	_____
2. ELTEC 208	<u>3</u>	_____
3. _____ <small>majors/programs selection</small>	_____	_____
4. _____ <small>majors/programs selection</small>	_____	_____
5. MATH 89 or Math 101	<u>3-6</u>	_____
6. _____ <small>general education selection</small>	_____	_____

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	Units	Term
1. COLSK 100 or BUSAD 230 & GUIDE 111	<u>4</u>	_____
2. ELTEC 208	<u>3</u>	_____
3. _____ <small>majors/programs selection</small>	_____	_____
4. _____ <small>majors/programs selection</small>	_____	_____
5. MATH 89 or Math 101	<u>3-6</u>	_____
6. _____ <small>general education selection</small>	_____	_____

## Introduction to Major/Program Courses

Major/Program	Course #	Course Title
Autobody	AUDBY 301	Automotive Collision Repair 1
Automotive Technology	AUTEC 311	Basic Automotive Systems
Electronics Technology	ELTEC 265	Troubleshooting Techniques
	ELTEC 322	Technical Measurements
Logistics	LOGST 202	Introduction to Supply Chain Management
Machine Tool Technology	MACH 200	Machine Tool Technology 1
Welding	WELD 200	Arc & Gas Welding

### LEGEND - WORK NOT YET COMPLETED

- <sup>1</sup> Major Course
- <sup>2</sup> Course meets MJC General Education Area
- <sup>3</sup> Course meets CSU General Education Area
- <sup>4</sup> Course meets IGETC General Education Area
- <sup>5</sup> Course appears on all General Education Patterns
- <sup>6</sup> Course only offered in Fall semester
- <sup>7</sup> Course only offered in Spring semester
- <sup>8</sup> Course offered only in Summer semester
- <sup>9</sup> Course recommends completion of English 45 or 50
- <sup>10</sup> Course recommends completion of English 100 or 101
- <sup>E</sup> Course offered even numbered years only
- <sup>O</sup> Course offered odd numbered years only
- <sup>T</sup> Transferable Math recommendation

## General Education Options

Course #	Course Title	GE Area(s)
BUSAD 240	Principles of Management	MJC GE: B
BUSAD 248	Introduction to Business	*
CMPGR 202 or Art 102	Introduction to Computer Graphics	MJC-GE: C/CSU-GE: C1
	Introduction to Computer Graphics	MJC-GE: C/CSU-GE: C1
PHILO 111	Ethics: Theory and Application	MJC GE: C/ CSU GE: C2/ IGETC: 3B

These are recommendations from area faculty alternative selections can be made using MJC's general education lists in the catalog. Please see your Counselor for assistance in choosing alternate courses.

\* Does not fulfill a general education requirement, but is highly recommended by area faculty.