



**KEEPING OPTIONS OPEN / TECHNICAL COLLEGE PREPARATION
ARTICULATION AGREEMENT
BETWEEN
LOUISBURG SCHOOLS AND JOHNSON COUNTY COMMUNITY COLLEGE**

**INDUSTRIAL,
MANUFACTURING, AND
ENGINEERING SYSTEMS
CLUSTER**

GRADE 11	GRADE 12	JOHNSON COUNTY COMMUNITY COLLEGE
English 300 or English 350 Algebra II or Algebra III Science Elective American History or CP American History Computer Apps	English 400 OR English 450 Algebra II, III, IV or V OR Consumer Math Science Elective Government OR CP Government Consumer Economics OR CP Economics	<p align="center"> AUTOMOTIVE TECHNOLOGY CIVIL ENGINEERING TECHNOLOGY DRAFTING TECHNOLOGY ELECTRICAL TECHNOLOGY ELECTRONICS TECHNOLOGY HEATING, VENTILATION AND AIR CONDITIONING TECHNOLOGY INDUSTRIAL MAINTENANCE METAL FABRICATION TECHNOLOGY POWER PLANT TECHNOLOGY RAILROAD OPERATIONS </p>
LOUISBURG ELECTIVES		
Accounting Business Law Production Technology Drafting* CAD I, II Construction Welding	Woods Tech I, II Small Engines Chemistry Applied Chemistry Career Exploration	

* Provides advanced standing credit at JCCC.

ADVANCED STANDING CREDITS

HIGH SCHOOL		APPLICABLE PROGRAM	JCCC EQUIVALENT	
Course #	Name		Course #	Name
	Drafting (1)	DRAFTING TECHNOLOGY	DRAF 120	Intro to Drafting (2)
1530	Welding (.5)	METAL FABRICATION TECHNOLOGY	MFAB 121	Intro to Welding (4)
1545	Engines (.5)	AUTOMOTIVE TECHNOLOGY	AUTO 121	Small Engine Service (3)
	CAD I (1) AND CAD II (1)	DRAFTING TECHNOLOGY	DRAF 130	Intro to CAD Concepts (3)
(High School Credits)			(JCCC Credits)	