



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

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

GRADE 11	GRADE 12	JOHNSON COUNTY COMMUNITY COLLEGE		
English III  Algebra II or Adv Alg/Trig  Chemistry or Physics  Production Elective  American History I & II  Pre-engineering Drawing/CAD I  Engineering Drawing/CAD II	English IV or College Prep English IV  Advanced Algebra III/College Algebra or Precalculus or Probability & Statistics or Trigonometry  Chemistry or Physics  American Government  Architectural Design Drawing/ CAD III  Advanced Engineering Drawing/CAD IV  Advanced Production Technology	AUTOMOTIVE TECHNOLOGY  CIVIL ENGINEERING TECHNOLOGY  DRAFTING TECHNOLOGY  ELECTRICAL TECHNOLOGY  ELECTRONICS TECHNOLOGY  HEATING, VENTILATION AND AIR CONDITIONING TECHNOLOGY  INDUSTRIAL MAINTENANCE  INFORMATION TECHNOLOGY  METAL FABRICATION TECHNOLOGY  POWER PLANT TECHNOLOGY  RAILROAD OPERATIONS		
<p align="center"><b>OLATHE ELECTIVES</b></p> <table border="0"> <tr> <td>               Acct. I                Computerized Acct. II                Intro to Law                Business Tech                Bus/Comp Tech                Understanding Econ                Personal Finance                Management                Electricity &amp; Comm Tech                Pre-Eng Drawing/CAD I                Engineering Drawing/CAD II             </td> <td>               Architectural Drawing/CAD III                Adv. Eng. Drawing/CAD IV*                Welding                Quick Step: Railroad Tech                Automotive Tech                Construction Materials &amp; Processes                (CMP)                Adv. Constr. Materials &amp; Processes                (Adv CMP)                Production Technology                Advanced Production Technology             </td> </tr> </table>		Acct. I Computerized Acct. II Intro to Law Business Tech Bus/Comp Tech Understanding Econ Personal Finance Management Electricity & Comm Tech Pre-Eng Drawing/CAD I Engineering Drawing/CAD II	Architectural Drawing/CAD III Adv. Eng. Drawing/CAD IV* Welding Quick Step: Railroad Tech Automotive Tech Construction Materials & Processes (CMP) Adv. Constr. Materials & Processes (Adv CMP) Production Technology Advanced Production Technology	
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\* Provides advanced standing credit at JCCC.

**ADVANCED STANDING CREDITS**

HIGH SCHOOL	APPLICABLE PROGRAM	JCCC EQUIVALENT
Course #    Name		Course #    Name
IT 420    Eng. Drawing/CAD II (1)	DRAFTING TECHNOLOGY	DRAF 120    Intro to Drafting (2)
CP 510    Intro to Comp. Pgm. (1)	DRAFTING TECHNOLOGY	CIS 134    Programming Fundamentals (4)
CP 535    C++ Programming (1)	DRAFTING TECHNOLOGY	CIS 134    Programming Fundamentals (4)
	HEATING, VENTILATION & AIR COND TECH	BOT 101    Computer Keyboarding (1)
VE331    Intro to Electronics (1.5) AND	INFORMATION TECHNOLOGY	ELEC 126    Microcomputer A+ Prep (4)
VE332    Micro A+ Certification (1.5)		
VE333    Networking Technologies (1.5) AND	INFORMATION TECHNOLOGY	IT 200    Networking Tech. (3)
VE334    Intro to Routers (1.5)		IT 246    Intro. to Routers (3)
(High School Credits)		(JCCC Credits)