



**KEEPING OPTIONS OPEN / TECHNICAL COLLEGE PREPARATION  
ARTICULATION AGREEMENT  
BETWEEN  
ST. THOMAS AQUINAS AND JOHNSON COUNTY COMMUNITY COLLEGE**

**INDUSTRIAL AND  
ENGINEERING  
CLUSTER**

GRADE 11	GRADE 12	JOHNSON COUNTY COMMUNITY COLLEGE
Composition II Algebra II Chemistry I Computer Technology II American History or Art History Drafting Elective	English IV Honors Precalculus/Trig or Honors College Calculus or Intro to College Algebra/Trig Honors Physics I or Honors Physics II or Honors College Physics Economics Programming in C++ Elective	<p align="center"> <b>AUTOMOTIVE TECHNOLOGY</b>  <b>CIVIL ENGINEERING TECHNOLOGY</b>  <b>DRAFTING TECHNOLOGY</b>  <b>ELECTRICAL TECHNOLOGY.</b>  <b>ELECTRONICS TECHNOLOGY</b>  <b>HEATING, VENTILATION AND AIR CONDITIONING TECHNOLOGY</b>  <b>INDUSTRIAL MAINTENANCE</b>  <b>INFORMATION TECHNOLOGY</b>  <b>METAL FABRICATION TECHNOLOGY</b>  <b>POWER PLANT TECHNOLOGY</b>  <b>RAILROAD OPERATIONS</b> </p>
<p align="center"><b>ST. THOMAS AQUINAS ELECTIVES</b></p> Cisco CCNA 1*                      Desktop Publishing Cisco CCNA2*                      Web Design Cisco CCNA3*                      Basic Programming Cisco CCNA4*                      C++ Programming Accounting Business Law Tech Applications		

\* Provides advanced standing credit at JCCC.

**ADVANCED STANDING CREDITS**

<u>HIGH SCHOOL</u>		→	<u>APPLICABLE PROGRAM</u>		→	<u>JCCC EQUIVALENT</u>		
<u>Course #</u>	<u>Name</u>		<u>Course #</u>	<u>Name</u>		<u>Course #</u>	<u>Name</u>	
CISCO	CCNA 1		Information Technology			IT 200	Networking Technologies	3
CISCO	CCNA 2		Information Technology			IT 246	Intro to Routers	3
CISCO	CCNA 3 & 4		Information Technology			IT 247	Intro to Wide-Area Networks	3
(High School Credits)						(JCCC Credits)		