



**FORT HAYS STATE UNIVERSITY**  
**DEPARTMENT OF INFORMATICS**

*Forward thinking. World ready.*

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**Degree Requirements for**  
**Bachelors in Information Networking and Telecommunications**

<b>COMPUTER NETWORKING AND TELCOMMUNICATIONS CONCENTRATION</b>							
<b>INF MAJOR CORE (18 hours)</b>	Hr	Sm	Grd	<b>EMPHASIS ELECTIVES: COMPUTER NETWORKING &amp; TELECOMMUNICATIONS (15 hours)</b>	Hr	Sm	Grd
INF 250 Introduction to Web Development	3			<i>Choose 5 classes in consultation with advisor/mentor</i>			
INF 300 Foundations of Informatics	3			INF 302 Windows Client Administration	3		
INF 405 Research Methods in Informatics	3			INF 304 Management Information Systems	3		
INF 430 Technology Innovation and Entertpreneurial Leadership	3			INF 305 Windows Server Administration	3		
INF 490 Capstone Seminar in Informatics	3			INF 322 Topics in Informatics	3		
INF 610 Public Policy, Ethics and Law in Information Networking	3			INF 345 Electronic Game Theory and Practice	3		
				INF 472 Readings in Informatics	3		
<b>CONCENTRATION REQUIREMENTS: COMPUTER NETWORKING &amp; TELECOMMUNICATIONS (21 hours)</b>	Hr	Sm	Grd	INF 473 Problems in Informatics	3		
INF 291 Internetworking I	3			INF 479 Internship in Informatics	3		
INF 292 Internetworking II	3			INF 651 Front-End Web Development	3		
INF 360 Programming with Python	3			INF 652 Database Design and Programming	3		
INF 393 Internetworking III	3			INF 653 Back-End Web Development I	3		
INF 671 Linux for Networks	3			INF 662 Modern Telephony	3		
INF 680 Network Architecture and Data Communications I	3			INF 664 Wireless and Cellular Systems	3		
INF 681 Network Architecture and Data Communications II	3			INF 678 Seminar in Informatics	3		
				INF 685 Fundamentals of Network Security	3		
<b>Notes:</b>				INF 686 Network Security Firewalls	3		
				INF 695 Advanced Routing (CCNP ENCOR Prep)	3		
				INF 697 Advanced LAN Switching	3		
<b>BACHELOR DEGREE REQUIREMENTS</b>					<b>BS</b>		
CORE/COMPUTER NETWORKING CONCENTRATION					39		
EMPHASIS ELECTIVES					15		
FREE ELECTIVE					32		
UNIVERSITY DEGREE REQUIREMENTS					34		
<b>TOTAL CREDIT HOURS</b>					<b>120</b>		