



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Fundamentals of Information Systems
Course Number: CIS126

Required Materials

Textbook(s): CertMaster Learn Tech+, CompTia, 1st Ed, ISBN: 978-1-642745-26-9
Required Readings: None
Additional Materials: A computer with internet access. You must have either Firefox or Chrome to access the learning management system. You will also need Microsoft Office or Google Suites to complete your class assignments. Headsets are recommended if you are planning to use a public computer, there are many videos loaded throughout the class.

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

16-Week Calendar

Week	Chapter/Topic/Lab
Week1	The Computing Cycle <ul style="list-style-type: none"> • Course Introduction • Computing Cycle Activities
Week2	Data and Privacy <ul style="list-style-type: none"> • Data and Privacy Activities
Week3	Internet Technologies Part 1 <ul style="list-style-type: none"> • Internet Technologies Activities
Week 4	Internet Technologies Part 2 <ul style="list-style-type: none"> • Internet Technologies Activities
Week 5	Cybersecurity <ul style="list-style-type: none"> • Cybersecurity Activities
Week 6	Networking <ul style="list-style-type: none"> • Networking Activities
Week 7	Virtualization <ul style="list-style-type: none"> • Virtualization Activities

Week	Chapter/Topic/Lab
Week 8	Application Software <ul style="list-style-type: none"> Application Software Activities
Week 9	Midterm Exam <ul style="list-style-type: none"> Midterm Exam
Week 10	System Software <ul style="list-style-type: none"> System Software Activities
Week 11	Hardware Part 1 <ul style="list-style-type: none"> Hardware Activities
Week 12	Hardware Part 2 <ul style="list-style-type: none"> Hardware Activities
Week 13	Databases <ul style="list-style-type: none"> Database Activities
Week 14	Programming Part 1 <ul style="list-style-type: none"> Programming Activities
Week 15	Programming Part 2 <ul style="list-style-type: none"> Programming Activities
Week 16	Final Exam <ul style="list-style-type: none"> Final Exam

8-Week Calendar

Week	Chapter/Topic/Lab
Week 1	The Computing Cycle and Data Privacy <ul style="list-style-type: none"> Course Introduction Computing Cycle Activities Data and Privacy Activities
Week 2	Internet Technologies <ul style="list-style-type: none"> Internet Technologies Activities
Week 3	Cybersecurity and Networking <ul style="list-style-type: none"> Cybersecurity Activities Networking Activities
Week 4	Virtualization and Application Software <ul style="list-style-type: none"> Virtualization Activities Application Software Activities
Week 5	Application Software and Midterm Exam <ul style="list-style-type: none"> Application Software Activities Midterm Exam
Week 6	System Software and Hardware <ul style="list-style-type: none"> System Software Activities Hardware Activities
Week 7	Databases and Programming <ul style="list-style-type: none"> Database Activities Programming Activities
Week 8	Programming and Final Exam <ul style="list-style-type: none"> Programming Activities Final Exam