



IT 210 Information Technology Systems

Course Number Course Name	IT 210 Information Technology Systems
Credit Value (Breakdown of theory and lab credits)	(3,2T+1L)
Catalog Course Description	You will study the basic components of IT systems, including networking, web systems, databases, system administration and maintenance, scripting, and system integration. Prerequisites: EECE 152L.
Student Learning Outcomes/Objectives /Competencies of the Course	<p>Upon successful completion of IT210, student will be able to:</p> <ul style="list-style-type: none"> • Summarize the history of computing • Describe current communication protocols and architectures • List standards bodies and their roles • Explain routing, switching and the physical layer • Describe and compare distributed processing, web services, and data exchange • Identify key languages used for scripting in the client, server, and operating system • Describe the role of networking in database and file service applications • Describe core concepts of usability and interface design, in both web-based and standalone applications • Describe major categories of security threats, and give examples of corresponding counter-measures • Evaluate the potential usefulness of emerging technologies
College-Wide Student Learning Outcomes	<p>IT 210 learning objectives align with the following NNMCC College Wide Goals:</p> <ol style="list-style-type: none"> 1. Critical Thought 2. Information Competency and Research

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