

Teaching Information Technology

This specialization consists of 15 Courses encompassing 48 credit hours distributed as follows.

I) Required Specialized Education Courses

This includes four (4) courses encompassing 15 credit hours chosen from the following list:

- EDUC 350C: Methods of Teaching Information Technology I
- EDUC 410C: Methods of Teaching Information Technology II
- EDUC 440C: Assessment and Evaluation in teaching Information Technology
- EDUC 485C: Practicum in Teaching Information Technology

II) Required Subject Courses

This includes nine (9) courses encompassing 27 credit hours chosen from the following list

- EDUC 110: Introduction to Educational Technology
- EDUC 160: Introduction to Instructional Design
- EDUC 180: Instructional Computer
- EDUC 185: Learning Resources & Technology Centers
- EDUC 215: Designing and Producing Multimedia
- EDUC 220: Individualized Instruction
- CMPS 250: Computer Networks
- CMPS 260: Operating Systems
- CMPS 270: Database Systems

III) Elective Subject Courses

This includes two (2) courses encompassing 6 credit hours chosen from the following list

- CMPS 200: Analysis and Design of Information Systems
- CMPS 205: Introduction to Multimedia Concepts
- CMPS 210: Digital Image and Video Processing
- CMPS 225: Introduction to Data Communications
- CMPS 230: Introduction to System Programming
- CMPS 235: Numerical Computing CMPS 265: Introduction to Microprocessors
- CMPS 290: Introduction to Database Management
- CMPS 420: Internet Programming & Web Design
- EDUC 450: Distance Learning and Use of Internet