

ROOSEVELT UNIVERSITY
Graduate Certificate in Info. Technology & Computer Science
Curriculum Check Sheet

Student _____ Phone _____

SSN _____ Advisor _____ Date _____

1. Prerequisites: Accredited Bachelor's Degree: _____ TOEFL/ELP _____

Programming lang., preferable C++ (CST 150, 250) Mathematics through into. calculus

II. Undergraduate Level Requirements (6 s.h.):

CST 261 Micro. Struct. & Assemble and CST 280 C.S. III/Data Structures

III. Graduate Level Requirements (12-18 s.h., substitute courses if section II met):

4-6 courses chosen in consultation with your advisor,

- With at least 3 from among: CST 405 Adv. Data Struct., 410 Formal Lang. & Autom, 415 Parallel Systems, 417 Operating Systems, 420 Analysis of Algorithms, 428 Linear Programming & Optimization, 433 Database Systems, 440 Computer Architecture, 441 Compilers & Interpreters, 444 OOP and the .NET Framework, 446 Coding Theory, 450 Boolean Alg. & Switching Theory, 452 Network Design, 454 Local Area Networks, 471 Distributed Databases, 472 Programming Languages, 478 Pattern Recognition, 480 Special Topics, 481 Artif. Intelligence, 482 Computer Graphics, 486 Information Retrieval.
- And where at least 1 must be chosen from among: CST 405, 410, 415 and 420.

1) _____ 2) _____

3) _____ 4) _____

5) _____ 6) _____

At least 18 sem. Hours at Roosevelt is required.

Note: An overall grade point average of B or higher must be maintained in Section III above, with no more than 2 C's allowed.

Revised 1/10/06