

COMPUTER SCIENCE CERTIFICATION PLAN

A GRADE OF "C" OR HIGHER MUST BE ACHIEVED IN ALL COURSES ON THE CERTIFICATION PLAN.

CONTENT AREA--39 hours

1. _____ C S 1382--Discrete Computational Structures
Prerequisite: C S 1411
2. _____ C S 1411--Programming Principles I
Prerequisite: Department approval
3. _____ C S 1412--Programming Principles II
Prerequisite: C S 1411
4. _____ C S 2350--Computer Organization and Assembly Language Programming
Prerequisites: C S 1412, E E 2372
5. _____ C S 2413--Data Structures
Prerequisite: C S 1412
6. _____ C S 3352--Introduction to Systems Programming
Prerequisites: C S 2350, C S 2413
7. _____ C S 3361--Concepts of Programming Languages
Prerequisite: C S 2413
8. _____ C S 3364--Design and Analysis of Algorithms
Prerequisites: C S 1382, C S 2413, and MATH 2360
9. _____ C S 3365--Software Engineering
Prerequisites: C S 2413, MATH 3342 or equivalent
10. _____ C S 3368--Introduction to Artificial Intelligence
Prerequisite: C S 1382
11. _____ C S 4352--Operating Systems
Prerequisites: C S 3352 and C S 3364
12. _____ MATH 4310--Introduction to Numerical Analysis I
Prerequisite: MATH 3350 or MATH 3354, or consent of instructor

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- ⇒ The State of Texas does criminal background checks on all applicants for Teacher Certification.
⇒ The undergraduate requirements and/or the certification requirements may change according to state regulations.

By signing below, I signify that I understand the contents of this document.

Student Signature: _____

Date: _____

Certification Advisor Signature: _____

Date: _____

Degree Advisor Signature: _____

Date: _____