

CURRICULUM MAPS

1. Goals for student learning:

In accordance with the department mission to provide outstanding education to its students we expect our graduates to be able to:

1. Demonstrate core knowledge of computing/information technology and demonstrate robust programming skills.
2. Be familiar with the computer organization and system software.
3. Clearly communicate the computer science/computer information systems concepts.
4. Be able to analyze a real-life problem, identify and define computing requirements for its solution and use appropriate software to solve it.

A mapping of Computer Information Systems courses to goals:

CSIT 151	Introduction to Information Systems	Goal 1
CSIT 105	Visual BASIC I	Goal 1
CSIT 121	Computer Science I	Goal 1
CSIT 205	Visual BASIC II	Goal 1
CSIT 221	Computer Science II	Goal 1
CSIT 107	Web Programming I	Goal 1
CSIT 207	Web Programming II	Goal 1
CSIT 251	Information Systems Structures	Goals 2, 4
CSIT 312	Computer Structures	Goal 2
CSIT 351	Business Systems Development	Goal 4

Departmental Electives

CSIT 203	Multimedia Systems	Goal 1
CSIT 241	Discrete Math for Computer Science I	Goal 2
CSIT 335	Data Communications/Networks I	Goal 2
CSIT 341	Data Structures	Goal 1
CSIT 425	Software Engineering	Goals 3, 4
CSIT 435	Data Communications/Networks II	Goals 2, 4
CSIT 455	Relational/Object Databases	Goals 3, 4
CSIT 456	Information and Decision Support Systems	Goals 3, 4
CSIT 461	Intro to AI and Knowledge Engineering	Goals 3, 4
CSIT 462	Computer Graphics	Goals 3, 4
CSIT 463	Intro DIP/Computer Vision	Goal 4

CSIT 471	Information Systems Management	Goal 4
CSIT 473	Data Warehouse and Mining	Goal 4
CSIT 475	Electronic Commerce	Goal 4

A mapping of Computer Science courses to goals:

CSIT 121	Computer Science I	Goal 1
CSIT 221	Computer Science II	Goal 1
CSIT 224	Problem Solving using Objects	Goal 1
CSIT 231	System Programming	Goal 1
CSIT 241	Discrete Math for Computer Science I	Goal 1
CSIT 311	Assembly Language/Computer Organization	Goal 2
CSIT 321	Paradigms of Programming Language	Goals 1, 2
CSIT 341	Date Structures	Goals 1, 2
CSIT 242	Discrete Math for Computer Science II	Goal 2
CSIT 413	Computer Architecture	Goals 2, 3, 4
CSIT 425	Software Engineering	Goals 3, 4
CSIT 431	Intro to Operating Systems	Goal 2, 3
CSIT 433	Compiler Construction	Goal 2, 3
CSIT 437	Advanced Operating Systems	Goal 2, 3

Departmental Electives

CSIT411	Programming for Embedded Microcontrollers	Goals 2
CSIT435	Data Communications/Networks II	Goals 2, 3, 4
CSIT441	Analysis/Design of Algorithms	Goals 3, 4
CSIT443	Theory of Computation	Goals 1, 2
CSIT455	Relational/Object Databases	Goal 4
CSIT461	Intro to AI and Knowledge Engineering	Goal 4
CSIT462	Computer Graphics	Goals 3, 4
CSIT463	Intro DIP/Computer Vision	Goal 4

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