

COMPUTER INFORMATION TECHNOLOGY

COMPUTER INFORMATION TECHNOLOGY – AAS (PROGRAMMER / SOFTWARE DEVELOPER) DEGREE PLAN

PROGRAM INFORMATION: The two-year Associate in Applied Science Degree helps prepare students with skills to produce high quality sustainable codes through all stages of the software life cycle: project planning and estimating gathering requirement, functional specification, use case tools, design specifications, coding, testing, integrating, and maintenance. This degree prepares students for immediate employment as Computer Programmers, Applications Programmer and Programmer Analysts.

Students pursuing this degree program are required to meet Texas Success Initiative (TSI) standards and course prerequisites.

FRESHMAN YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
ENGL 1301	Composition I	3
X3XX	Approved Core Math	3
ITSC 1325	PC Hardware	3
COSC 1436	Programming Fundamentals I	4
ITSE 2313	Web Authoring	3
Fall Total Credit Hours		16

FRESHMAN YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
COSC 1437	Programming Fundamentals II	4
ITSE 2302	Intermediate Web Programming	3
ITSE 1307	Intro to C++ Programing	3
XXXX	Approved Social / Behavioral Science	3
ITSC 1315	Project Management Software	3
Spring Total Credit Hours		16

SOPHOMORE YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
COSC 2436	Programming Fundamentals III	4
ITSE 1302	Computer Programming	3
ITNW 1309	Fundamentals of Cloud Computing	3
INEW 2334	Advanced Web Programming	3
ITSE 1330	Introduction to C# Programming	3
Fall Total Credit Hours		16

SOPHOMORE YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
COSC 2325	Computer Organization	3
ITSE 1333	Mobile Applications Development	3
ITSE 1306	PHP Programming Language	3
ITSC 1315	Project Management Software	3

COURSE SECTION	COURSE TITLE	CREDIT HOURS
XXXX	Approved Language / Philosophy / Culture	3
Spring Total Credit Hours		15
Program Total Credit Hours		60