

COMPUTER INFORMATION TECHNOLOGY

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

PROGRAM INFORMATION: The two-year Associate of 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
COSC 1436	Programming Fundamentals I	4
ITSE 2313	Web Authoring	3
ITSE 1302	Computer Programming	3
X3XX	Approved Core Math	3
ITSE 1330	Introduction to C# Programming	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	Introduction to C++ Programing	3
ITSW 1307	Introduction to Database	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
INEW 2334	Advanced Web Programming	3
X3XX	Approved Social/Behavioral Science	3
ENGL 1301	Compostion I	3
Fall Total Credit Hours		13

SOPHOMORE YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
COSC 2325	Computer Organization	3
COSC 1301	Introduction to Computing	3
ITSE 2359	Advanced Computer Programming	3
ITNW 2329	Application Development for the Cloud	3

COURSE SECTION	COURSE TITLE	CREDIT HOURS
X3XX	Approved Language / Philosophy / Culture	3
Spring Total Credit Hours		15
Program Total Credit Hours		60

Navarro College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate and baccalaureate degrees. Navarro College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Navarro College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on [SACSCOC's website](#).