

DUAL CREDIT COURSE CROSSWALK (Associates of Applied Science in Information Technology: Programming) (Crowley ISD)

	9 th Grade		10 th Grade		11 th Grade		12 th Grade	
High School	English I or II	English I or II	English II or *III	English II or *III	*English III or IV	*English III or IV	*English IV or *English Elective	*English IV or *English Elective
	Algebra I or Geometry	Algebra I or Geometry	Geometry or Algebra II	Geometry or Algebra II	Algebra II or *Pre-Calculus	Algebra II or *Pre-Calculus	*Pre-Calculus or *Calculus or *Statistics	* Pre-Calculus or *Calculus or *Statistics
	*AP Human Geography	*AP Human Geography	*AP World History	*AP World History	*AP US History	*AP US History	*Government	Economics
	Biology	Biology	Chemistry	Chemistry	Physics	Physics		
College	BCIS 1305 MUSI 1306	SPCH 1321 ITSC 1305	COSC 1436	ITSE 1479	ENGL 1301 COSC 1437 COSC 1420	ITSC 1425 ITSY 1300	MATH 1314 ITSE 2409 COSC 2436	ITNW 1425 ECON 2301 ITSE 1450

The COLLEGE DISTRICT and SCHOOL DISTRICT will utilize Attachment A to collaborate strategic course offerings for students participating in the dual credit program towards college degree completion through the term of the agreement. Career and Technical Education (CTE) program requirements will be provided for CTE course offerings.

PEIMS Crosswalk

Information Technology: Programming

HS Credits	Dual Technical Credits
Year 1:	
Business Information Management (13011400)	BCIS 1305 Business Computer Applications
Professional Communication (13009900)	SPCH 1321 Business and Professional Communication
Music Theory I (3155400)	MUSI 1306 Music Appreciation
Computer Maintenance (13027300)	ITSC 1305 Introduction to PC Operating Systems
Year 2:	
Computer Science I (3580200);	COSC 1436 Programming Fundamentals I
Networking/ Lab (13027410)	ITSE 1479 Introduction to Scripting Languages
Year 3:	
English 3A (03220300)	ENGL 1301 Composition 1
Computer Science II (3580300)	COSC 1437 Programming Fundamentals II
AP Computer Science (A3580100)	COSC 1420 "C" Programming
Computer Technician	ITSC 1425 Personal Computer Hardware
Foundations of Cybersecurity (3580850)	ITSY 1300 Fundamentals of Information Security
Year 4:	
Economics (3310301);	ECON 2301 Principles of Macroeconomics
Advanced Topics in Mathematics	MATH 1314 College Algebra
Game Programming and Design (3580380)	COSC 2436 Programming Fundamentals III
Computer Science III (3580350);	ITSE 2409 Database Programming
Principles of Information Technology (13027200)	ITSE 1450 System Analysis and Design
Practicum in STEM (13037400)	ITNW 1425 Fundamentals of Networking Technologies

Program Requirements: AAS - Programming

First Year

Fall Term

- BCIS 1305 Business Computer Applications
- MUSI 1306 Music Appreciation

Spring Term

- SPCH 1321 Business and Professional Communication
 - ITSC 1305 Introduction to PC Operating Systems
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Second Year

Fall Term

- COSC 1436 Programming Fundamentals I

Spring Term

- ITSE 1479 Introduction to Scripting Languages
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Third Year

Fall Term

- COSC 1437 Programming Fundamentals II
- COSC 1420 "C" Programming
- ENGL 1301 Composition 1

Spring Term

- ITSC 1425 Personal Computer Hardware
 - ITSY 1300 Fundamentals of Information Security
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Fourth Year

Fall Term

- MATH 1314 College Algebra
- ITSE 2409 Database Programming
- COSC 2436 Programming Fundamentals III

Spring Term

- ITNW 1425 Fundamentals of Networking Technologies

- ECON 2301 Principles of Macroeconomics
- ITSE 1450 System Analysis and Design

Total Certificate Hours: 60