

	9 th Grade		10 th Grade		11 th Grade		12 th Grade		Year 5	Year 6
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall/Spring	Fall/Spring
1	English 1 or PAP English 1	English 1 or PAP English 1	English 2 or PAP English 2	English 2 or PAP English 2	English 3 or AP English 3 or * ENGL 1301 <i>Composition I (verify on HS side if this can be pushed to 12th grade.)</i>	English 3 or English 3 AP	English 4 or AP English 4 or * ENGL 1301 <i>Composition I (if not previously taken)</i>	English 4 or English 4 AP		
2	World Geography or AP Human Geography	World Geography or AP Human Geography	World History or AP World History	World History or AP World History	US History or AP US History	US History or AP US History	Economics or Government	Government or Economics		
3	Biology or PAP Biology	Biology or PAP Biology	Chemistry or PAP Chemistry	Chemistry or PAP Chemistry	Physics	Physics	4 th Year Science	4 th Year Science		
4	Algebra 1 or Geometry	Algebra 1 or Geometry	Geometry or Algebra 2	Geometry or Algebra 2	Algebra 2 or PAP Precalculus	Algebra 2 or PAP Precalculus	4 th Year Math or * MATH 1332 <i>Cont. Math – Quant. Reasoning</i>	4 th Year Math or * MATH 1332 <i>Cont. Math – Quant. Reasoning (if not previously taken)</i>		
5	PE	PE	Foreign Language 2	Foreign Language 2	Verify HS Course#- Internetworking Technologies 1 ITNW 2412 <i>Routers</i>	Elective or * PSYC 2301 <i>General Psychology (TSI required)</i>	Digital Forensics * ITSY 2442 ² <i>Incident Response & Handling (verify if TSI required)</i>	Practicum of Information Technology * ITSY 2443 ² <i>Computer System Forensics (verify if TSI required)</i>		
6	Foreign Language 1	Foreign Language 1	Computer Maintenance ITSC 1316 ³ <i>Linux Installation & Configuration CompTIA Linux+</i>	Verify HS Course#- Found.of Cyber ITSY 1342 ^{1,2,3} <i>IT Security CompTIA Security+ Prerequisite Class for ITSY 2301 – must pass with C or better</i>		Elective or SPCH 1321 <i>Business & Professional Communications (TSI required)</i>				
7	Fine Art	Fine Art	Networking/Lab ITNW 1425 ¹ <i>Fundamentals of Networking Technologies CompTIA Network+</i>	Internetworking Technologies I ITNW 2405 <i>Network Administration CompTIA Security+</i>	Computer Programming 1 * ITNW 1413 <i>Computer Virtualization (verify if TSI required)</i>	Internetworking Technologies II ITSY 2301 <i>Firewalls & Network Security CISCO CCNA (ITSY 1342 is Prerequisite)</i>	Cybersecurity Capstone * ITSY 2430 <i>Intrusion Detection (verify if TSI required)</i>	Practicum of Information Technology * ITSY 2286 <i>Internship Computer and Information System Security Verify # Blocks (verify if TSI required)</i>		
8	Foundations of Cybersecurity <i>CompTIA ITF+ or CompTIA A+</i>	Foundations of Cybersecurity ITNW 1308 ¹ <i>Impl.&Supp.Client Operating Systems Windows 10</i>				Verify HS Course# or al. Fundamentals of CS * COSC 1336 <i>Programming Fundamentals 1 CISCO CCNA</i>		Elective or * PHIL 1301 <i>Introduction to Philosophy (verify if TSI required)</i>		

1- OSA: CompTIA Security+

2- OSA: CompTIA Cyber First Responders

3- OSA: CompTIA Linux+ (need to take one more course, ITSC 2325 Advanced Linux)

*- Courses that require college-ready status by passing TSI

Courses that constitute attainment of Level 1 Certificate.

Course required to meet HS Graduation Requirements.