



## Cyber P-TECH, USA Sam Houston High School

4635 E Houston St  
San Antonio, Texas 78220

### Programs of Study 2023-2024

#### Information Technology Cybersecurity Program of Study

##### **CompTIA Security+ Certification Preparation (OSA) (10)**

ITNW 1308 - Implementing and Supporting Client Operating Systems  
ITNW 1425 - Fundamentals of Networking Technologies  
ITSY 1342 - Information Technology Security

##### **CompTIA Linux+ Certification Preparation (OSA) (9)**

ITSC 1316 - Linux Installation and Configuration  
ITSY 1342 - Information Technology Security  
ITSC 2325 - Advanced Linux

##### **Cyber First Responders (OSA) (11)**

ITSY 1342 - Information Technology Security  
ITSY 2442 - Incident Response & Handling  
ITSY 2443 - Computer System Forensics

##### **Information Technology Cybersecurity Specialist Level 1 Certificate (20)**

ITSC 1316 - Linux Installation and Configuration  
ITNW 1308 - Implementing and Supporting Client Operating Systems  
ITNW 1425 - Fundamentals of Networking Technologies  
ITSY 1342 - Information Technology Security  
ITSY 2301 - Firewalls and Network Security or ITSC 2325 Advanced Linux  
ITNW 2412 - Routers



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### Programs of Study 2023-2024

#### Information Technology Cybersecurity Program of Study

##### **Information Technology Cybersecurity Specialist, A.A.S. (60)**

ITNW 1308 - Implementing and Supporting Client Operating Systems  
ITNW 1425 - Fundamentals of Networking Technologies  
ITSC 1316 - Linux Installation and Configuration  
Creative Arts Core Course  
ITSY 1342 - Information Technology Security  
ITNW 2405 - Network Administration  
ITNW 2412 - Routers  
COSC 1336 - Programming Fundamentals I  
Social and Behavioral Sciences Core Course  
Mathematics Core Course  
ITNW 1413 - Computer Virtualization  
Communication Core Course  
ITSY 2301 - Firewalls and Network Security or ITSC 2325 Advanced Linux  
Communication Core Course  
ITSY 2442 - Incident Response and Handling  
ITSY 2443 - Computer System Forensics  
ITSY 2430 - Intrusion Detection  
ITSY 2286 - Internship - Computer and Information Systems Security



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### Programs of Study 2023-2024

#### Business Management & Technology Program of Study

##### **Small Business Management Level 1 Certificate (21)**

MRKG 1311 - Principles of Marketing  
HRPO 1311 - Human Relations  
BMGT 1301 - Supervision (milestone course)  
BUSG 2309 - Small Business Management  
BMGT 2331 - Principles of Quality Management  
BMGT 2303 - Prob-Solving & Decision-Making or BMGT 1341 Bus Ethics  
BUSG 2305 - Business Law/Contracts or BUSI 2301 Business Law I

##### **Business Management and Technology, A.A.S. (60)**

COSC 1301 - Introduction to Computing or BCIS 1305 Business Computer Applications  
HRPO 1311 - Human Relations  
MRKG 1311 - Principles of Marketing  
BMGT 1301 - Supervision (milestone course)  
BMGT 1309 - Info and Project Management or BMGT 1327 Principles of Management  
ENGL 1301 - Composition I  
BMGT 2303 - Problem-Solving & Decision-Making or BMGT 1341 Bus Ethics  
BMGT 2331 - Principles of Quality Management  
BUSG 2305 - Business Law/Contracts or BUSI 2301 Business Law I  
BUSG 2309 - Small Business Management (milestone course)  
Language, Philosophy & Culture (40) Core or Creative Arts (50) Core Course  
Social and Behavioral Sciences (80) Core Course  
ITSY 1342 - Information Technology Security  
HRPO 2307 - Organizational Behavior  
POFT 2312 - Bus Correspondence & Comm or IBUS 1305 Intro to International Bus & Trade  
Mathematics (20) Core  
ACCT 2301 - Principles of Financial Accounting  
MRKG 2333 - Principles of Selling  
BMGT 2389 - Internship - Business Administration and Management, General  
BMGT 2309 - Leadership