



Computer Science: Information Technology Support Technician (ITST) Associate of Applied Science (A.A.S.)

2018–2019

DESCRIPTION:

The Information Technology Support Technician A.A.S. degree program is designed to provide students with a strong base of technical skills required for working in the IT support industry. The program has a diverse curriculum of many computer science courses targeted at providing students with an understanding of multiple aspects in the computer science field which include: operating systems, Linux, software, security, hardware, scripting, troubleshooting, databases, networking, and workplace skills. In addition, many basic and general courses provide the student transfer options for similar courses at four-year institutions. The skills learned in the ITST program could also translate to work opportunities in the field. In addition to educating ITST with entry-level training, the program provides opportunities for individuals seeking career changes, continuing education, and skills enhancement.

The curriculum is aligned with the following Certification domains: CompTIA A+, Network +, Linux Essentials, Linux +, and Security +.

ADMISSION REQUIREMENTS:

Students must have a high school diploma or GED equivalency, and place into ENGL 1100.

ONGOING REQUIREMENTS:

Students must maintain the minimum overall GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

Career:

Graduates of the ITST program can work in a wide variety of positions in IT, including: network support, network administration, help desk, desktop support, field technician, Linux administration, and service technician. ITST is currently the third best technology job according to U.S. News and World Report and it is reported that over 43,000 positions in the field are currently open (2016).

Transfer:

Students with the Computer Science ITST A.A.S. degree can transfer to a four-year institution to earn a Bachelor's Degree. Most CSCI ITST students that are transferring typically go to Franklin University to complete one of the baccalaureate degree programs in the computer science or engineering schools. At most transfer institutions, please note that most of the CSCI specific courses will only transfer as general credit, so students should work with an advisors from their transfer college.

DEGREE REQUIREMENTS (COMPUTER SCIENCE: INFORMATION TECHNOLOGY SUPPORT TECHNICIAN-ITST- A.A.S.):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
ITST 1101 Industrial Applications and Software	AU/SP	2	
ITST 1102 Industrial Network Communications	AU/SP/SU	2	
MATH 1111 Discrete Mathematics for Computing	AU/SP/SU	3	
COLS 1100 First Year Experience Seminar	AU/SP/SU	1	
ENG L1100 Composition I	AU/SP/SU	3	
ESSH 1101 Intro to Environ Science, Safety, Health	AU/SP/SU	3	
Semester Credits		14	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
ITST 1123 A + Cert, Managing/Troubleshooting PCs	AU/SP	3	
CSCI1152 Networking Concepts (Network+)	AU/SP/SU	3	
CSCI 1320 Database Fundamentals	AU/SP/SU	3	
CSCI 1103 Intro to Programming Logic	AU/SP/SU	3	
ITST 2252 Scripting Fundamentals	AU/SP	2	
Semester Credits		14	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 1145 HTML	AU/SU	3	
PHIL 1130 Ethics	AU/SP/SU	3	
CSCI 2790 Linux Administration (Linux+)	AU/SU	3	
BMGT 1102 Interpersonal Skills	AU/SP/SU	2	
ITST 2238 Information Security Fundamentals	AU/SP	3	
ITST 1136 Linux Essentials	AU/SP	3	
Semester Credits		17	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 2999 CSCI Capstone	SP	3	
PSY 1100 Introduction to Psychology	AU/SP/SU	3	
CSCI 1275 Business Analysis with Agile Development Frameworks	AU/SU	3	
ITST 2258 Application Security	AU	3	
CSCI 2776 - Network Security Fundamentals	AU/SP	3	
Semester Credits		15	
Total		60	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
 Requirements subject to change.