



Networking Technologies

Course Syllabus

Course Title		Course Number	Course Hours
Fundamentals for A+ Certification		NWT311	30
Instructor:	Ms. Phylis Theuerkoff		
Telephone/Email	(814) 464-8634	pzimmermann@ects.org	
Course Description			
This course is an introduction to the fundamentals of computers, computer maintenance and upgrading and computer troubleshooting in preparation for the A+ certification exam(s) and course requirements.			
Course Prerequisites			
N/A			
Instructional Activities			
In this course students will complete a 10 hour Investigating Computers module, a 10 hour Computer Maintenance and Upgrading module, and a 10 hour Computer Troubleshooting module. Students can expect to complete worksheets, participate in lectures and classroom discussions and will be viewing demonstrations. On a weekly basis, literacy and numeracy activities will be incorporated to support the academic requirements of this course.			
Suggested Academic Prerequisites			
It is suggested that the student possess a 9 th grade reading level because of a large amount of reading is required and technical vocabulary is used.			
Power Standards			
This course aligns with the national skill standards developed by CompTIANetwork+			
Course Outline and Power Standards Addressed			
Introduce operating systems on all computing protocols	CompTIA Network + 1045		
Explore Windows desktop navigation features	CompTIA Network + 1099		
Investigate standard Windows utilities and applications	CompTIA Network + 1288		
Explore computer basics	CompTIA Network + 1345		
Identify main board components	CompTIA Network + 1045		
Explore disk drives	CompTIA Network + 1099		
Examine troubleshooting techniques	CompTIA Network + 1288		
Analyze simulated faults	CompTIA Network + 1345		
Materials and Tools Needed for Course			
Computer, IT2020 modules 71.67, 71.66 and 71.65, coinciding workbooks and worksheets, XXX Textbook(s), folder binder, headphones.			
Grading – Plan for Success!			
Three CompTIA Network+ modules = 50%			
Worksheets = 25%			
Daily Class Participation = 25%			