Computer Technician (BB780) Curriculum Guide   9-12 Grades

Prerequisite Course(s): Teacher Approval
High School Credit = ½ credit per semester (Postsecondary credit = 0)
This course will be offered: **X** every year OR ___ every other year
Pathway (Optional): Information and Support Services
Career Cluster Area: Information Technology
Source of Occupational Skills Standards: National Business Education Association (NBEA), CompTIA tech standards, International Society for Technology in Education (ISTE) National Educational Technology Standards for Students (NET-S)
Eligibility for Nationally Recognized Skill Certificate(s)/State License: __ No OR **X** Yes, and identify Certificate: A+ computer certification
Tech Prep: **X** No OR ___ Yes - If Yes, list postsecondary institution and number of postsecondary credits
Is this course brokered through another institution or agency: **X** No OR ___ Yes, and list institution/agency:

Course Master Number: BB780
Course Description: This course is designed to provide students an opportunity to troubleshoot, maintain, and manage computer hardware/software. Students can gain experience for entry level Information Technology careers. Students have the opportunity to work on projects on their own and/or collaborate with others. Students will learn customer service strategies and networking essentials. May be repeated for credit.

Content Headings/Topics:

1. Software management
2. Hardware/peripheral maintenance
3. Computer networking
4. Troubleshooting/problem solving

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Standard	Objective	Sequence and Duration	Sample Teaching Strategy/ Possible Integration	Resources and Text	Dist/ State Assessment	Formative Assessment
NBEA 2,3,5,9 NET-S 1-6	1. Demonstrate an ability to manage computer software: identify, select, evaluate, use, install, upgrade, and customize application software; diagnose and solve problems occurring from software's installation and use.		R4.2, 4.4			Observation / Demonstration
NBEA ISS.2 NET-S 6	2. Correctly maintain computer hardware: diagnose and repair hardware problems.					Observation/ Demonstration
NBEA ISS.6 NBEA 5 NET-S 6	3. Maintain computer network components: identify, select, evaluate, use, customize, diagnose, and solve network problems (wi-fi and hardwired networks)					Observation/ Demonstration
NET-S 1-6	4. Demonstrate an ability to work independently or with others when troubleshooting and problem solving.					Observation/ Demonstration
	5. Perform maintenance on computer equipment safely.		R4.4			Observation/ Demonstration
NBEA NET-S 6	6. Assemble and disassemble PC's.		R4.2, 4.4			Observation/ Demonstration
NBEA	7. Research careers in the IT field. (B2-5)		R4.2			Observation/ Demonstration