

Source of Standards: MTAG, OSPI Technology Standards, Scans, Everett School District Goals

Performance Tasks/ Assessments	Standards & Competencies (Exp. = pre-industry content standard Prep.= industry standard)	Essential Academic Learning Requirements (EALRs) Goals 1 & 2	Integrating Analytical, Logical, & Creative Thinking (Thinking Skills) Goal 3	Leadership Skills and activity	Employability Skills	Local District Goals	Relevance to Work Goal 4	Hours Spent on This Major Unit of Study
<u>Unit 1: How Computers Work (Hardware / Software)</u>  Assessment on terminology Assessment on related A+ cert concepts	<b>Labs:</b> PC Tech observation of PC ports (mapping ports)  PC Boot Sequence (observation and documentation of Boot Sequence)  Inventory of Motherboard Components & Hardware components found on Lab system  Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing 2.4. Write for career applications. <b>Communicate</b> 2.2. Develop content and ideas. 2.3. Use effective delivery. 3.2. Work cooperatively as a member of a group.	Observe and Classify the components of a PC  <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Think</i> analytically <i>Think</i> logically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member of a Team <b>C11</b> Serves Clients/Customers	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students learning to high standards	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours

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<u>Unit 2: How Software and Hardware Work Together</u>  Assessment on terminology Assessment on related A+ cert concepts	<b>Project:</b> Internet Research Find Motherboard Manual on the internet. <b>Labs:</b> 2.1, 2.2  Terminology related  A+ cert concepts covered	<i><b>Know</b></i> and apply the core concepts and principles  <i><b>Read</b></i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing 2.4. Write for career applications. <i><b>Communicate</b></i> 2.2. Develop content and ideas. 2.3. Use effective delivery. 3.2. Work cooperatively as a member of a group.	Observe and Classify the components of a PC <i><b>Integrate</b></i> experience and knowledge to form reasoned judgments and solve problems. <i><b>Think</b></i> analytically <i><b>Think</b></i> logically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member of a Team <b>C11</b> Serves Clients/Customers	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students learning to high standards	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours

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The System Board Assessment on terminology Assessment on related A+ cert concepts	<b>Labs: 3.1, 3.2</b> Create a boot disk (95,98)-identify and explain the files  <b>Project:</b> Motherboard Research (rate MOBO manufacturer websites, look up jumper setting)  Terminology related  A+ cert concepts covered	<i><b>Know</b></i> and apply the core concepts and principles  <i><b>Read</b></i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing 2.4. Write for career applications. <b>Communicate</b> 2.2. Develop content and ideas. 2.3. Use effective delivery. 3.2. Work cooperatively as a member of a group.	Observe and Classify the components of a PC <i><b>Integrate</b></i> experience and knowledge to form reasoned judgments and solve problems. <i><b>Think</b></i> analytically <i><b>Think</b></i> logically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member of a Team <b>C11</b> Serves Clients/Customers	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students learning to high standards	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours

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Understanding and Managing Memory  Assessment on terminology Assessment on related A+ cert concepts	Project: Planning & Pricing Memory Lab: Remove and Replace RAM  Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing 2.4. Write for career applications. <b>Communicate</b> 2.2. Develop content and ideas. 2.3. Use effective delivery. 3.2. Work cooperatively as a member of a group.	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Think</i> analytically <i>Think</i> logically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member of a Team <b>C11</b> Serves Clients/Customers	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students learning to high standards	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours

Course Planning Sheet

Course: Computer Installation and Repair Technology  
Cip Code: 470104  
Approval Date: 2002

Source of Standards: MTAG, OSPI Technology Standards, Scans, Everett School District Goals

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<b>Floppy Drives Assessment on terminology Assessment on related A+ cert concepts</b>	<b>Lab:</b> Remove and Replace Floppy  Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Thinking</i> analytical	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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		2.4. Write for career applications. <b>Communicate</b> 2.2. Develop content and ideas. 2.3. Use effective delivery. 3.2. Work cooperatively as a member of a group.	y <b>Think</b> logically		Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member	learning to high standards		
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<b>Hard Drives Assessment t on terminology Assessment t on related A+ cert concepts</b>	<b>Lab:</b> Remove and Replace Hard Drive  Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Thinking</i> analytical	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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<b>HD Installations &amp; Support Assessment on terminology Assessment on related A+ cert concepts</b>	<b>Lab:</b> Fdisk, Format HD (95,98) <b>Lab:</b> Add a second HD <b>Project:</b> HD research project Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Think</i> analytically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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<b>Troubleshooting Fundamentals Assessment on terminology Assessment on related A+ cert concepts</b>	<b>Lab:</b> fix errors on your system, observe, document, record solution, test Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Think</i> analytically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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Supporting I/O Devices	Lab: Remove and Replace- Video, Audio	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software such as titles, headings, pictures, maps, and charts to find and understand specific information. 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Think</i> analytically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	C3 Allocates Material and Facility Resources C4 Allocates Human Resources C5 Acquires and Evaluates Information C6 Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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Performance Tasks/ Assessments	Standards & Competencies (Exp. = pre-industry content standard Prep.= industry standard)	Essential Academic Learning Requirements (EALRs) Goals 1 & 2	Integrating Analytical, Logical, & Creative Thinking (Thinking Skills) Goal 3	Leadership Skills and activity	Employability Skills	Local District Goals	Relevance to Work Goal 4	Hours Spent on This Major Unit of Study
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Course Planning Sheet

Course: Computer Installation and Repair Technology  
Cip Code: 470104  
Approval Date: 2002

Source of Standards: MTAG, OSPI Technology Standards, Scans, Everett School District Goals

Performance Tasks/ Assessments		Standards & Competencies (Exp. = pre-industry content standard Prep.= industry standard)	Essential Academic Learning Requirements (EALRs) Goals 1 & 2			Integrating Analytical, Logical, & Creative Thinking (Thinking Skills) Goal 3	Leadership Skills and activity	Employability Skills	Local District Goals	Relevance to Work Goal 4	Hours Spent on This Major Unit of Study						
Multimedia Technology Assessment on terminology Assessment on related A+ cert concepts	Lab: Remove and Replace CD-ROM Project: Cost of secondary storage Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Thinking</i> analytical	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	C3 Allocates Material and Facility Resources C4 Allocates Human Resources C5 Acquires and Evaluates Information C6 Organizes and	Objective 1: Each student demonstrates achievement of district standards as they progress toward graduation  Objective 2: Organize so each student learns to high standards  Objective 3: Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technicians Intern)	7.5 hours		Project: safety concerns, Power supply facts							

Course Planning Sheet

Course: Computer Installation and Repair Technology  
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	2.4.Write for career applications. <b>Communicate</b> 2.2.Develop content and ideas. 2.3.Use effective delivery. 3.2.Work cooperatively as a member of a group.	y <b>Think</b> logically	Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member	learning to high standards				

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Electricity & Power	Project: safety Terminology related	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Think</i> analytically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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Approval Date: 2002

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		2.4. Write for career applications. <b>Communicate</b> 2.2. Develop content and ideas. 2.3. Use effective delivery. 3.2. Work cooperatively as a member of a group.	y <b>Think</b> logically		Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member	learning to high standards		
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Supporting Windows 9x	Project: Registry, Utilities Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Thinking</i> analytical	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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Cip Code: 470104  
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		2.4. Write for career applications. <b>Communicate</b> 2.2. Develop content and ideas. 2.3. Use effective delivery. 3.2. Work cooperatively as a member of a group.	y <b>Think</b> logically		Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member	learning to high standards		
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Supporting Windows NT, XP	Project: Utilities, create boot disks Lab: install OS Terminology related A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Thinking</i> analytical	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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Communicating over Phone Lines	Project: security Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Think</i> analytically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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Networking  Assessment on terminology  Assessment on related A+ cert concepts	Lab: set up a peer to peer network  Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC  <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems.  <i>Thinking</i> analytical	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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Printers	Project: safety issues Terminology related	<b>Know</b> and apply the core concepts and principles  <b>Read</b> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications.	Observe and Classify the components of a PC <b>Integrate</b> experience and knowledge to form reasoned judgments and solve problems. <b>Think</b> analytically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	<b>C3</b> Allocates Material and Facility Resources <b>C4</b> Allocates Human Resources <b>C5</b> Acquires and Evaluates Information <b>C6</b> Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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		Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing 2.4. Write for career applications. <b>Communicate</b> 2.2. Develop content and ideas. 2.3. Use effective delivery. 3.2. Work cooperatively as a member of a group.	y <b>Think</b> logically		Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member	learning to high standards		
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Performance Tasks/ Assessments	Standards & Competencies (Exp. = pre-industry content standard Prep.= industry standard)	Essential Academic Learning Requirements (EALRs) Goals 1 & 2	Integrating Analytical, Logical, & Creative Thinking (Thinking Skills) Goal 3	Leadership Skills and activity	Employability Skills	Local District Goals	Relevance to Work Goal 4	Hours Spent on This Major Unit of Study
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Viruses, Disaster Recovery & Maintenance Plan	Project: develop a preventive maintenance plan Terminology related  A+ cert concepts covered	<i>Know</i> and apply the core concepts and principles  <i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings  1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i> 3.4. Read for career applications. Write 2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	Observe and Classify the components of a PC <i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems. <i>Think</i> analytically	Students work in teams to record and observe the components  Students create a lab manual of tech support documents .	C3 Allocates Material and Facility Resources C4 Allocates Human Resources C5 Acquires and Evaluates Information C6 Organizes and	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation  <b>Objective 2:</b> Organized so each student learns to high standards  <b>Objective 3:</b> Partnerships result in students	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
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Course Planning Sheet

Course: Computer Installation and Repair Technology  
Cip Code: 470104  
Approval Date: 2002

Source of Standards: MTAG, OSPI Technology Standards, Scans, Everett School District Goals

Performance Tasks/ Assessments	Standards & Competencies (Exp. = pre-industry content standard Prep.= industry standard)	Essential Academic Learning Requirements (EALRs) Goals 1 & 2	Integrating Analytical, Logical, & Creative Thinking (Thinking Skills) Goal 3	Leadership Skills and activity	Employability Skills	Local District Goals	Relevance to Work Goal 4	Hours Spent on This Major Unit of Study
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		2.4. Write for career applications. <b>Communicate</b> 2.2. Develop content and ideas. 2.3. Use effective delivery. 3.2. Work cooperatively as a member of a group.	y <b>Think</b> logically		Maintains Information <b>C7</b> Interprets and Communicates Information <b>C8</b> Uses Computers to Process Information <b>C9</b> Participates as a Member	learning to high standards		
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Approval Date: 2002

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<b>Culminating Project</b>	<b>Project:</b> Plan specs to build a computer	<i>Know</i> and apply the core concepts and principles	Observe and Classify the components of a PC	Students work in teams to record and observe the components	<b>C3</b> Allocates Material and Facility	<b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation	This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)	7.5 hours
<b>Assessment on terminology</b>	<b>Lab:</b> Build the computer & write a user manual with all documentation and needed disks	<i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings	the components of a PC	Students create a lab manual of tech support documents .	<b>C4</b> Allocates Human Resources	toward graduation		
<b>Assessment on related A+ cert concepts</b>	<b>Project:</b> market and sell the computer Terminology related	1.2. Build vocabulary through reading. 1.5 Use features of nonfiction text and computer software such as titles, headings, pictures, maps, and charts to find and understand specific information. 3.4. Read for career applications. Write	<i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems.	Students will present their ideas to a panel of tech and non tech individuals	<b>C5</b> Acquires and Evaluates Information	Organized so each student learns to high standards		
	A+ cert concepts covered	2.2. Write for conveying technical information 1.2. Use style appropriate to the audience and purpose. 2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing	<b>Think</b> analytically	Students will market their computers	<b>C6</b> Organizes and	<b>Objective 2:</b> Organize d so each student learns to high standards		
				Students will provide tech support to customers		<b>Objective 3:</b> Partnerships result in students		

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Preparation for A+ Exam	Final-Practice A+ exam	<p><i>Know</i> and apply the core concepts and principles</p> <p><i>Read</i> with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings</p> <p>1.2. Build vocabulary through reading.</p> <p>1.5 Use features of nonfiction text and computer software <i>such as titles, headings, pictures, maps, and charts to find and understand specific information.</i></p> <p>3.4. Read for career applications. Write</p> <p>2.2. Write for conveying technical information</p> <p>1.2. Use style appropriate to the audience and purpose.</p> <p>2.3. Write in a variety of forms, including narratives, journals, research reports, and technical writing</p>	<p>Observe and Classify the components of a PC</p> <p><i>Integrate</i> experience and knowledge to form reasoned judgments and solve problems.</p> <p><i>Think</i> analytically</p> <p><i>Think</i> logically</p>	<p>Students work in teams to record and observe the components</p>	<p>C5 Acquires and Evaluates Information</p> <p>C6 Organizes and Maintains Information</p>	<p><b>Objective 1:</b> Each student demonstrates achievement of district standards as they progress toward graduation</p> <p><b>Objective 2:</b> Organized so each student learns to high standards</p> <p><b>Objective 3:</b> Partnerships result in students learning to high standards</p>	<p>This is a preparatory course for A+ certification it is also the entry level to the IT pathway (A+, CISCO, District Technician Intern)</p>	7.5 hours
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