

## **Appendix A. Course Titles**

*Mathematics: CSS, HVAC, LPN, PT Introductory, PT Concluding, and AMT*

*Reading: CSS, HVAC, LPN, PT Introductory, PT Concluding, and AMT*

Reading	Number of Courses		
	Introductory	Concluding	Total
<b>CSS</b>	<b>10</b>		<b>10</b>
Business Computer Applications	1		1
Computer Concepts	1		1
Database Concepts and Design	1		1
Introduction to Computer Hardware/Software	1		1
Introduction to Computer Science	1		1
Introduction to Computers	1		1
Microcomputer Applications	1		1
Operating Systems I	1		1
Programming in Visual Basic	1		1
Records Management	1		1
<b>HVAC</b>	<b>12</b>		<b>12</b>
Architectural Blueprint Reading	1		1
Basic Electricity	1		1
Basic Refrigeration	1		1
Basic Refrigeration Systems and Controls	1		1
Electrical Fundamentals	1		1
Electricity for Heating, Ventilation, Air Conditioning & Refrigeration	2		2
HVAC Customer Service	1		1
HVACR Systems 1	1		1
Refrigerant Recovery Training	1		1
Refrigeration Fundamentals	1		1
Trade Tools and Test Instruments	1		1
<b>LPN</b>	<b>11</b>		<b>11</b>
Basic Nursing Skills	1		1
Body Structure and Function	1		1
College Reading	1		1
Fundamentals of Nursing	2		2
Health Promotion I	1		1
KSPN Foundations of Nursing	1		1
Nursing 1 - Fundamentals	1		1
Nursing Fundamentals I	1		1
Personal and Vocational Concepts	1		1
Vocational Adjustments	1		1
<b>Pharm Tech</b>	<b>11</b>	<b>11</b>	<b>22</b>
Allied Health Careers and Communication	1		1
Drug Classification I	1		1
Fundamentals of Pharmacy Practice	1		1
Introduction to Pharmacy	1		1
Introduction to Pharmacy Technician	1		1

Reading	Number of Courses		
	Introductory	Concluding	Total
Medical Law and Ethics	1		1
Pharmacology	1	1	2
Pharmacy Business Applications	1		1
Pharmacy Practice and Law	1		1
Pharmacy Technician PMT 100-41	1		1
Reading and Critical Thinking	1		1
Career Success		1	1
Pharmaceutical Career Planning		1	1
Pharmacology for Pharmacy Technicians		1	1
Pharmacology II for Pharmacy Technicians		1	1
Pharmacy Operations II		1	1
Pharmacy Pharmacology II		1	1
PTCB Exam Review/Skills Review		1	1
Sterile Compounds, Parenterals, and IV Admixtures Pharmacy Technician Externship		1	1
Sterile Procedures		1	1
Therapeutic Agents II		1	1
<b>Automotive Master Technician</b>	<b>21</b>		<b>21</b>
Auto Service Fundamentals	1		1
Fuel Systems	1		1
Integrated Automotive, Automotive Heating and Air Conditioning	1		1
Automatic Transmissions	1		1
Introduction to Automotive	1		1
Automotive Brake Systems	1		1
Electrical Fundamentals	1		1
Intro to Automotive Technology	1		1
Steering and Suspension, Engine Performance I, Automatic Transmissions	1		1
Engine Principles and Vehicle Service	1		1
Basic Automotive	2		2
Engine Theory	2		2
Automotive Service Assistor	1		1
Brakes	1		
Electricity I	2		2
Automotive Brake Systems	2		2
Engine Repair	1		1

*Note. One introductory and concluding course had the same course title (Pharmacology); however, no occupational or reading expert identified the content in these courses as inappropriate to the level of the courses under review.*

	Number of Courses			
	Math	Introductory	Concluding	Total
<b>CSS</b>		<b>9</b>		<b>9</b>
Business Math		1		1
Computer Networking Fundamentals		1		1
Introduction to Programming Logic and Design		1		1
Introduction to Software Applications		1		1
Networking Essentials - Cisco I		1		1
Operating Systems I		1		1
Principles of Accounting		1		1
Programming in JAVA		1		1
Programming Techniques and Logic Design I		1		1
<b>HVAC</b>		<b>17</b>		<b>17</b>
Advanced Air Conditioning		1		1
Air Conditioning Fundamentals		1		1
Applied Electricity for HVACR		1		1
Basic Compression Refrigeration		2		2
Basic Electrical Theory		1		1
Basic Refrigeration		1		1
Construction Math		1		1
Electrical Components and Controls		1		1
Electrical Components for Air Conditioning and Refrigeration		1		1
Electrical Theory/Component Application		1		1
Electricity for HVAC/R		1		1
Fundamentals of Pneumatic Controls		1		1
HVAC Electrical Fundamentals		1		1
Industrial Graphics with Cad		1		1
Refrigeration Fundamentals		1		1
Residential Air Conditioning Systems		1		1
<b>LPN</b>		<b>10</b>		<b>10</b>
Algebra		1		1
Dosage Calculation and Administration		1		1
Essentials of Medication Administration		1		1
Fundamentals of Nursing		1		1
Fundamentals of Nursing Lab/Clinical		2		2
Intermediate Algebra		1		1
KSPN Foundations of Nursing		1		1
Nursing Fundamentals II		1		1
Pharmacology and Other Therapeutic Modalities		1		1
<b>Pharm Tech</b>		<b>17</b>	<b>14</b>	<b>31</b>
Allied Health Industry and Fundamentals		1		1
Aspects of Retail Pharmacy and Pharmacology of the Nervous System		1		1
Cardiovascular Pharmacology & IV Basics		1		1

Collaborative Algebraic Problem Solving I	1		1
Contemporary Pharmaceutical Issues	1		1
Fundamentals of Pharmacy Practice	1		1
Hospital Pharmacy	1		1
Introduction to Pharmacy Technician	1		1
Introduction to Pharmacy Technology	1		1
Mathematics for Health Careers	1		1
Pharmaceutical Calculations	1		1
Pharmaceutical Mathematics I	1		1
Pharmacy Calculations I	1		1
Pharmacy Math	1	2	3
Pharmacy Operations	1	1	2
Pharmacy Practice and Law	1		1
Pharmacy Technician PMT 100-41	1		1
Aseptic Technique and Compounding		1	1
Endocrine and Reproductive Systems and Sterile Products		1	1
Medical Dosages and Pharmaceutical Calculations		1	1
Pharmaceutical Calculations		1	1
Pharmaceutical Mathematics II		1	1
Pharmaceutical Simulated Lab- IV Admixtures		1	1
Pharmacology and the Human Body		1	1
Pharmacy Calculations		2	2
Professional Trends and Issues		1	1
Sterile Compounds, Parenterals and IV Mixtures		1	1
<b>Automotive Master Technician</b>	<b>21</b>		<b>21</b>
Auto Service Fundamentals	1		1
Automotive Electricity	1		1
Automotive Electrical Systems	1		1
Automotive Brake Systems	1		1
Engine Repair	1		1
Automotive Technology Introduction	1		1
Automotive Electrical Systems	1		1
Electrical Fundamentals	1		1
Introduction to Automotive Service	1		1
Automotive Electricity and Electronics	1		1
Manual Drivetrain Service			
Electrical and Electronics I	2		2
Basic Automotive	2		2
Electrical Systems	2		2
Automotive Electrical/Electronics	1		1
Automotive Electricity I	1		1
Electricity I	2		1
Automotive Brake Systems	2		2
Engine Repair	1		1