

PLUMBING (PLB)

(Easterling Correctional Facility)

Plumbing and pipe fitting involves much more than installing pipes or solving plumbing problems. The Plumbing program encompasses such areas as blueprint reading, fixture design, and appliance and fixture installation. Other areas of study include trenching, grading, and installing sewers, septic tanks, and drainage lines. The Plumbing program places emphasis on both residential and commercial applications, including solar systems, swimming pools, and water heaters.

Students who complete the following requirements earn a program certificate in Plumbing. Admission depends on the student's ability to perform the essential functions identified for this program. A high school diploma or GED® is not required; however, students are required to have specifically documented ability to benefit. (See *Admission to Courses Not Creditable Toward an Associate Degree* in the *Admissions Policies and Procedures* section of this catalog.) Reasonable accommodations are considered.

CERTIFICATE CURRICULUM

<i>Course</i>	<i>Credit Hours</i>
Area I: Written and Oral Communications	3
COM 103 Introductory Technical English II	3
Area III: Natural Sciences, Mathematics, and Computer Science	3
MAH 101 Technical Mathematics I	3
Area V: Career and Technical Courses	
<i>Required Field of Concentration Courses</i>	
PLB 111 Introduction to Plumbing	3
PLB 112 Plumbing Applications	3
PLB 113 Pipes and Fittings	3
PLB 114 Joining Pipes and Fittings	3
PLB 115 Pressure and Nonpressure Systems	3
PLB 116 Pressure and Nonpressure Systems Applications	3
PLB 117 Plumbing Codes	3
PLB 118 Code Applications	3
PLB 120 Special Project: Plumbing Code I	1
PLB 121 Special Project: Plumbing Code II	1
PLB 122 Special Project: Gas Fitting Code	3
PLB 211 Plumbing Repair and Installation	3
PLB 212 Plumbing Repair and Installation Lab	3
PLB 213 Process Piping	3
PLB 214 Process Piping Applications	3
PLB 217 Pumps and Compressors	3
PLB 218 Pump and Compressor Applications	3
Total Field of Concentration Credits	47
Total Credits for Certificate	53

SHORT CERTIFICATE CURRICULUM

<i>Course</i>	<i>Credit Hours</i>
Area V: Required Field of Concentration Courses	24
PLB 111 Introduction to Plumbing	3
PLB 112 Plumbing Applications	3
PLB 113 Pipes and Fittings	3
PLB 114 Joining Pipes and Fittings	3
PLB 115 Pressure and Nonpressure Systems	3

PLB 116	Pressure and Nonpressure Systems Applications	3
PLB 117	Plumbing Codes	3
PLB 118	Code Applications	3
Total Credits for Short Certificate		24

Plumbing Certificate

Suggested Course Sequence—Year One

<i>FIRST SEMESTER</i>	<i>SECOND SEMESTER</i>	<i>THIRD SEMESTER</i>
MAH 101	PLB 115	COM 103
PLB 111	PLB 116	PLB 120
PLB 112	PLB 117	PLB 121
PLB 113	PLB 118	PLB 122
PLB 114		PLB 217
		PLB 218
<i>FOURTH SEMESTER</i>		
PLB 211		
PLB 212		
PLB 213		
PLB 241		

Plumbing Short Certificate

Suggested Course Sequence—Year One

<i>FIRST SEMESTER</i>	<i>SECOND SEMESTER</i>
MAH 101	PLB 115
PLB 111	PLB 116
PLB 112	PLB 117
PLB 113	PLB 118
PLB 114	