

APPLIED ENGINEERING & TECHNOLOGIES

PLUMBING

Plumbing: Residential Diploma - D35300A

The Plumbing curriculum is designed to give individuals the opportunity to acquire basic skills to assist with the installation and repair of plumbing systems in residential and small buildings.

Course work includes sketching diagrams, interpretation of blueprints, and practices in plumbing assembly. Students will gain knowledge of state codes and requirements.

Graduates should qualify for employment at parts supply houses, maintenance companies, and plumbing contractors to assist with various plumbing applications.

Plumbing: Commercial Diploma – D35300B

Plumbing Concepts I Certificate - C35300D

The Plumbing certificate curriculum is designed to give individuals the opportunity to acquire basic skills to assist with the installation and repairs of plumbing systems in residential and small buildings.

Course work includes sketching diagrams, interpretation of blueprints, and practices in plumbing assembly. Students will gain additional knowledge of State Codes and requirements.

Graduates should qualify for employment at parts supply houses, and for entry-level positions with maintenance companies and plumbing contractors to assist with various plumbing applications.

Plumbing Concepts II Certificate - C35300E

The Plumbing certificate curriculum is designed to give individuals the opportunity to acquire basic skills to assist with the installation and repairs of plumbing systems in residential and small buildings.

Course work includes sketching diagrams, interpretation of blueprints, and practices in plumbing assembly. Students will gain additional knowledge of State Codes and requirements.

Graduates should qualify for employment at parts supply houses, and for entry-level positions with maintenance companies and plumbing contractors to assist with various plumbing applications.

Program Sequence – Plumbing: Residential Diploma (D35300A)

First Semester

BPR	130	Blueprint Reading/Construction.....	3
PLU	110	Modern Plumbing	9
PLU	124	Plumbing Business Operations	2
PLU	145	Plumbing Measure Calculations.....	2

Second Semester

ENG	110	Freshman Composition	3
PLU	120	Plumbing Applications	9
PLU	140	Introduction to Plumbing Codes	2
PLU	150	Plumbing Diagrams	2
PLU	160	Plumbing Estimates.....	2
SST	140	Green Building and Design Concepts	3

Complete Plumbing Concepts I Certificate (C35300D): BPR 130, PLU 110, PLU 140

Complete Plumbing Concepts II Certificate (C35300E): PLU 120, PLU 150, PLU 160

Third Semester

PLU	130	Plumbing Systems.....	6
PLU	192	Selected Topics.....	2

PSY	118	Interpersonal Psychology	3
Electives I		1

Electives List I (Choose 1 hour from the following):

SST	140	Green Building and Design Concepts.....	3
PLU	192	Selected Topics in Plumbing	2

Graduation Requirements 44 Credit Hours

Program Sequence – Plumbing: Commercial Diploma (D35300B)

First Semester

BPR	130	Blueprint Reading/Construction.....	3
PLU	120	Plumbing Applications	9
PLU	140	Intro to Plumbing Codes.....	2
PLU	211	Commercial/Industrial Plumbing.....	3
PSY	118	Interpersonal Psychology	3

Second Semester

BPR	230	Commercial Blueprints	2
PLU	110	Modern Plumbing	9
PLU	124	Plumbing Business Operations	2
PLU	145	Plumbing Measure/Calculations.....	2
Electives List I		3

Complete Plumbing Concepts I Certificate (C35300D): BPR 130, PLU 110, PLU 140

Third Semester

PLU	214	Backflow Preventer Install	2
PLU	230	Slab Rough-In	4
ENG	110	Freshman Composition	3
Electives List II		1

Electives List I (Choose 3 hours from the following):

PLU	220	Commercial Rough-In Plumbing	4
PLU	225	Commercial Trim-Out Procedures	4

Electives List II (Choose 1 hour from the following):

SST	140	Green Building and Design Concepts	3
WBL	111	Work-Based Learning I.....	1

Graduation Requirements 48 Credit Hours