**Section 750.540 Topics for Approved Programs of Instruction in Plumbing and Approved Continuing Education Courses**

Approved courses of instruction in plumbing shall provide instruction in the topics specified in subsections (a) through (dd) below. Approved continuing education courses shall provide instruction in at least one of the topics specified below.

a) Public Health and its relationship to plumbing;

b) State of Illinois Plumbing License Law;

1) administration and enforcement;

2) licensing of apprentice plumbers and plumbers;

3) plumbing code requirements;

4) plumbing inspection;

c) Basic principles of plumbing;

d) Planning and designing a plumbing system including estimating, installation, repair, maintenance, alteration, extension, and dismantling;

e) Plumbing materials, fixtures, and equipment;

f) Joints and connections;

g) Traps and cleanouts;

h) Interceptors and separators;

i) Hangers and supports;

j) Indirect waste piping and special wastes;

k) Water supply and distribution system;

l) Public and private water supply systems;

m) Drainage system;

n) Private sewage disposal systems, municipal or public sewage disposal systems, and/or sanitary districts;

o) Vents and venting systems;

p) Inspection and testing of a plumbing system;

q) Sciences of pneumatics and hydraulics as they apply to plumbing;

r) Safety devices allied with a plumbing system;

s) Hot water systems and water heaters;

t) Soldering, welding, caulking, and wiping;

u) Copper material plumbing system;

v) Glass material plumbing system;

w) Plastics and thermoplastics material plumbing system;

x) Cast iron plumbing system, including Durham system;

y) Job safety;

z) Use and care of tools and equipment;

aa) Handling and disposition of wastes that would damage a plumbing system and sewage disposal facilities;

bb) Alternate plumbing systems;

cc) Solar plumbing systems; and

dd) Pumping of wastes.

(Source: Amended at 24 Ill. Reg. 12019, effective August 1, 2000)