

Chapter 2: Licensing of Software Engineers and Safety Critical Systems

Relevant Links

The following are links to articles on software engineering:

“Licensing in Software Engineering”

<http://seeri.etsu.edu/Issues/licensing.asp>

“Should Software Engineers Be Licensed?”

<http://www.cs.virginia.edu/~jck/publications/licensing.position.for.web.site.pdf>

“Texas Board of Professional Engineers to License Software Engineers”

<http://www.denveraitp.org/legislative/certification.html>

“Professional Certification: Fact or Fiction?”

http://www.computer.org/portal/site/ieeecs/menuitem.c5efb9b8ade9096b8a9ca0108bcd45f3/index.jsp?&pName=ieeecs_level1&path=ieeecs/education/certification&file=FactorFiction.xml&xsl=generic.xsl&

The following are links to sites reflecting opinions of professional organizations:

Software Engineering Code of Ethics

<http://www.acm.org/about/se-code>

A Summary of the ACM Position on Software Engineering as a Licensed Engineering Profession

http://www.cs.wm.edu/~coppit/csci690-spring2004/papers/selep_main.pdf

Association for Computing Machinery

www.acm.org

IEEE-USA Position Engineering Licensure

<http://www.ieeeusa.org/careers/licensure.html>

IEEE Code of Ethics

<http://www.ieee.org/portal/pages/iportals/aboutus/ethics/code.html>

Guide to the SWEBOK

<http://www.swebok.org/purp.html>

The following links are to articles on case studies:

“An Investigation of the Therac-25 Accidents”

http://www-static.cc.gatech.edu/classes/AY2004/cs4001b_fall/hw/therac-25.pdf

“The Explosion of the Ariane 5”

<http://www.ima.umn.edu/~arnold/disasters/ariane.html>