Development of Safety Critical Systems

3-day introductory course on development of safety-critical systems, with focus on computer-based systems. Can be taken as part of a Systems Engineering Masters degree program at the University of Queensland, Brisbane, Australia. Can also be given as an in-house course (fee negotiable).

Contents	• Concepts & terminology • Hazard identification • Risk analysis • Design for safety • System hazard analysis • Human factors • Software • Formal methods • Management & safety cases • Case studies • Summary & conclusions
Provider	http://www.itee.uq.edu.au/~engg7020/DSCScourse.htm
Application sector	Non-specific, but suitable for defence, transport
Target group	
Prerequisites	Some systems engineering background. Software engineering background useful but not essential.

Duration	3 days (total)
Seminar schedule	Start Day 1: 9:00 h End final day : 16:00 h
Number of participants	max. 24
Lecturer	
Seminar fee	$AU 1950

The course is based on the popular SVRC course that was run more than 25 times for government and industry.

Dates/Location	See http://www.itee.uq.edu.au/~engg7020/DSCScourse.htm
Seminar descriptor	