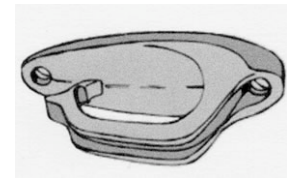


Design Brief Paper

MA Industrial Design

2006





background In addition to your brief on Bike Security, this brief will further develop your understanding of a user-based approach to design, whilst giving the opportunity to design something on a very different scale. You are asked to apply a TRIZ methodology in your response to this brief, and will also be invited to make a RP model of your proposal.

brief You are asked to design a bag security accessory. This may be in the area of *lifting, snatching or dipping*.

learning outcomes The learning outcomes for the project contribute to your achievement of the course objectives and form the basis of assessment of your work. The learning outcomes for the project are:

- recognise the relationship between context of use, user and system;
- recognise and draw upon the relationship between user and 'abuser' in this system;
- develop new approaches to innovation and problem-solving (TRIZ);
- to develop your ability to conceive and manipulate form, colour, scale and proportion.

<i>timing</i>	Bayer Roadshow		Wednesday	08.11.06	12.00	SBU
	Briefing	Ben, Ralph	Wednesday	22.11.06	14.00	910
	Intro. to TRIZ	Ben	Thursday	23.11.06	10.00	910
	More TRIZ and workshop	Ben, Paul	Friday	24.11.06		
		10.00				910
	Tutorials	Ben, Ralph, Paul	Wednesday	31.01.07	12.00	910
	Final Critique	Ben, Lorraine, Dale	Thursday	15.02.07		
		10.00				910
	Des. Inno. Plas. Comp. Deadline		Monday	26.02.07	10.00	Office

It is likely that additional events will be added. Details will be given at business meetings.

submission On 15th February, 2007, you are asked to produce the following:

- Design proposals (incl. RP model) of a device that addresses an issue of bag security that you have identified;
- An evaluation of the effectiveness of TRIZ in this type of work.

bibliography

Gamman, L. and Pascoe, T., (special issue Editors – Seeing is Believing), *Crime Prevention and Community Safety: An International Journal*. Volume 6 No. 4, Perpetuity Press, London.

Curtin, E. et al. *Developing Crime Reduction Plans: Some Examples from the Reducing Burglary Initiative*, 2001 Policing and Reducing Crime Unit, Home Office.

Poyser, B, *Design Against Crime: Beyond Defensible Space*, 1983, Butterworths

Wekerle, G, and Whitzman, C, *Safer Cities: Guidelines for Planning, Design and Management*, 1995, Van Nostrand Reinhold.

Clarke, R, *Hot Products: Understanding, Anticipating, and Reducing Demand for Stolen Goods*, 1999, Home Office.

Eklblom, P, *Less Crime by Design*, Annals, AAPSS 539, May 1995.

Foresight Crime Prevention Panel, *Just Around the Corner: A Consultation Document*, 2000, Department of Trade and Industry.

Rose, Gillian, *Visual Methodologies – an introduction to the interpretation of visual materials*, London, Sage.

Sontag, Susan, *Against Interpretation and Other Essays*, London, Vintage

Barthes, Roland, *Mythologies*, London Vintage, 1993

Poyner, Rick, *Obey the Giant*

journals

Aikins, T., *Critical Paths: Design for Secure Travel*, Guilford, Design Council, 1980.

Abbott, *Foiling the Villain*, Packaging Today, 18, 1998, 22-24.

Clarke R V, *Hot products: understanding, anticipating and reducing demand for stolen goods*, London, Home Office, Policing and Reducing Crime Unit, 1999

Eklblom P., *Less Crime, by Design*, Annals, AAPSS, Number 539, May 1995.

Eklblom P., *International Journal of Risk Security and Prevention* 2(4) 1997 p.249

Safer by Design, no. 16, Institute for Security Studies, South Africa, 1997 p.17

Evans, I. Nettleton, P. (2000). *Teenage Muggings: Scourge of Suburbia*, Evening Standard, 28 July10

Gamman, L. and Hughes, B., *Thinking Thief – Designing out Misuse, Abuse and ‘Criminal’ Aesthetics*, Ingenia 15, February/March 2003 p.36

Wills, C. (1996). Safety in Diversity, *New Scientist*, 23 March: 38-42
Cracking Crime Through Design, 2001, Design Council

other sources

In The Bag CD Rom, 2001, Central Saint Martins

Mayor's Cycle Action Plan

<http://www.tfl.gov.uk/cycles/downloads/reports/cycling-action-plan.pdf>

Central Saint Martins Design Against Crime Website.

<http://www.research.linst.ac.uk/dac>

Building Research Establishment

<http://www.bre.co.uk/>

Designing out Crime Association

<http://www.doca.org.uk/>

Hot Products; A study of desirability in products as an incentive to theft.

<http://www.homeoffice.gov.uk/rds/index.htm>

Government Crime Reduction Strategy

<http://www.crimereduction.gov.uk/>

Foresight: Crime Prevention Panel

<http://www.foresight.gov.uk/>

Secured by Design
<http://www.securedbydesign.com/>

The Suzy Lamplugh Trust; The National Charity for Personal Safety
<http://www.suzylamplugh.org/>

this is by no means a definitive list; please add your own references and share them with your colleagues.