

## BIBLIOGRAPHY



Ahmed, P.K., Lim, K.K. & Loh, A.Y.E. 2002. *Learning through knowledge management*. Oxford: Butterworth-Heinemann.

Alberts, N.F. 1994. *Opleiding en ontwikkeling van die bestuurders van môre*. Pretoria: Universiteit van Pretoria.

Anderson, L. 2002a. *Essential part of educational landscape*. [Online]. Available: <<u>http://specials.ft.com/businesseducation/FT35M4HR2ZC.html</u>> [Accessed 5 June 2005].

Anderson, L. 2002b. *Rivalry? No... it is really a case of synergy*. [Online]. Available: <<u>http://specials.ft.com/businesseducation/march2002/FT3ZA3HR2ZC.html</u>> [Accessed 5 June 2005].

Armstrong, M. 2000. *Strategic human resource management*: a guide to action. 2nd ed. London: Kogan Page.

Arnone, M. 1998. Corporate universities: a viewpoint on the challenges and best practices. *Career Development International*, 3(5):199-205.

Arveson, P. 1998. *What is the balanced scorecard*? [Online]. Available:

<http://www.balancedscorecard.org/basics/bsc1.html> [Accessed 2 March 2006].

ASTD Global Network South Africa. 2003. *State of the industry: training and HR in South Africa*. Johannesburg: Institute for Organisation Development and Transformation of Technikon SA.



Babbie, E. & Mouton, J. 2001. *The practice of social research*. Cape Town: Oxford University Press.

Becker, W.M. & Freeman, V.M. 2006. Going from global trends to corporate strategy. *The McKinsey Quarterly*, 3:1-8.

Berg, B.L. 1998. *Qualitative research methods for the social sciences*. Boston, Mass.: Allyn and Bacon.

Bedford, D.A.D. 2004. Designing an information architecture to support knowledge management. In: Koenig, M.E.D. & Srikantaiah, T.K. (Eds.) *Knowledge management lessons learned: what works and what doesn't*. Medford, N.J.: Information Today.

Birkin, M. 2006. Business education should create growth orientated companies. *Management Today*. 22(7):43-46.

Botha, A. P. 2007. Knowledge – living and working with it. Cape Town: Juta.

Carrell, M.R., Elbert, N.F. & Hatfield, R.D. 2000. *Human resource management: strategies for managing a diverse and global workforce.* New York, N.Y.: Dryden.

Chadwick, B.A., Bahr, H.M. & Albrecht, S.L. 1984. *Social science research methods*. Englewood Cliffs, N.J.: Prentice-Hall.



Choo, C.W. 1996. The knowing organization: how organizations use information to construct meaning, create knowledge and make decisions. *International Journal of Information Management*. 16(5):329-340.

Cilliers, P. 1998. Complexity and postmodernism. London: Routledge.

Clark, D. 2003. Blended learning. Brighton: Epic Group.

Company D. 2006. *Company profile: growth strategy*. [Online]. Available: <a href="http://www.company.com">http://www.company.com</a> [Accessed 14 December 2006].

Cooper, D.R. & Schindler, P.S. 2001. *Business research methods*. International ed.: Boston, Mass.: McGraw-Hill.

Corporate governance. 1995. *Corporate governance defined*. [Online]. Available: <<u>http://corpgov.net/library/definitions.html</u>> [Accessed 18 December 2006].

Corporate University Xchange. 2002a. Corporate University Xchange's pillars of elearning success. New York, N.Y.: Corporate University Xchange.

Corporate University Xchange. 2002b. *Fifth annual benchmarking report*. New York, N.Y.: Corporate University Xchange.

Corporate University Xchange. 2002c. Tying learning to business goals: Infosys University's award-winning approach. *Corporate Universities International*, 8(4):1-4.

Conradie, W. 2003. Entrepreneurial creativity: a critical management skill. *Management Today*, 19(3):14-18.

Cynefin Centre for Organisational Complexity. 2003. The Cynefin model. London: IBM.



Cynefin Centre for Organisational Complexity. 2004. *Ontological sense-making table*. London: IBM.

Dalkir, K. 2005. *Knowledge management in theory and practice*. Oxford: Elsevier Butterworth-Heinemann.

Darroch, J. & McNaughton, R. 2002. Developing a measure of knowledge management. In: Bontis, N. (Ed.) *World congress on intellectual capital readings*. Boston, Mass.: Butterworth-Heineman.

Dealtry, R. 2000. Establishing a methodology for appraising the strategic potential of the corporate university. *Journal of Workplace learning*, 12(5): 217-223.

Dewey, J. 1933. How we think. Lexington, Mass.: D.C. Heath & Co.

Erasmus, B. J. 2002. Aspects of ethics in human resource management. *Management Today*, 18(1):34-38.

Erasmus, B.J. & Van Dyk, P.S. 1999. *Training management in South Africa*. 2nd ed. Cape Town: Oxford University Press.

European Foundation for Management Development. 2000. Corporate universities: first lessons from a European learning group. *Journal of European Industrial Training*, 24(1):1.

Firestone, J. M. & McElroy, M.W. 2002. Generations of knowledge management.
[Online]. Available: <<u>http://www.macroinnovation.com/images/GenerationsKM.pdf</u>>
[Accessed 12 December 2006].



Fulmer, R.M. & Gibbs, P.A. 1998. Lifelong learning at the corporate university. *Career Development International*, 3(5):177-184.

Gallagher, M. 2000. Corporate universities, higher education and the future: emerging policy issues. [Online]. Available: <<u>http://www.dest.gov.au/sectors/higher\_education/publications\_resources/profiles/archiv</u>es/corporate\_universities\_higher\_education.htm> [Accessed 2 January 2002].

Garavan, T.N. 1991. Strategic human resource development. *Journal of European Industrial Training*, 15(1):17-30.

Garavan, T.N., Costine, P., Heraty, N. 1995. The emergence of strategic human resource development. *Journal of European Industrial Training*, 19(10):4-10.

Garger, E.M. 1999. *Goodbye training, hello learning*. [Online]. Available: <<u>http://www.workforce.com/archive/feature/22/22/84index.php</u>> [Accessed 3 May 2004].

Global Learning Alliance and Knowledge Advisors. [2003]. *The human capital return on investment: part 1 and 2*. [Online]. Available: <<u>http://www.trainingreference.co.uk/training\_roi/roi2.htm</u>> [Assessed 20 January 2007].

Global Learning Resources. 2001. *The uses and the misuses of the term "corporate university."* [Online]. Available: <<u>http://www.glresources.com/corp\_ed/whatcu.htm</u>> [Accessed 12 January 2002].

Grant, S. 1999. *Research report*. (Unpublished research report commissioned by the Gordon Institute of Business Science, University of Pretoria).

Grieves, J. 2003. Strategic human resource development. London: Sage Publications.



Hall, J. 2003. Asessing learning management systems. [Online]. Available: <<u>http://www.clomedia.com/content/templates/clo\_feature.asp?articleid=91</u>> [Accessed 2 May 2006].

Heuser, M. & Sattelberger, T. 2001. *First corporate university in Germany: the Lufthansa School of Business.* (Unpublished conference proceedings).

Harris, M. 2001. Higher ed and corporate training: play to your strengths. *GartnerGroup Decision Framework*, DF-13-1093:1-4.

Johannesburg Securities Exchange. 2005. Pretoria News, 3 February.

Johannesburg Securities Exchange. 2006. Sunday Times, 21 February.

Kerker, S. 2000. *Knowledge management and corporate universities*. [Online]. Available: <<u>http://www.traininguniversity.com/tu\_pi2000so\_9.php</u>> [Accessed 15 June 2002].

Killian, A. 2000. Old Mutual university: project definition report. Cape Town: Old Mutual.

Kirkpatrick, D.L. 1998. *Evaluating training programs: the four levels*. 2nd ed. San Francisco, Cal.: Berrett-Koehler.

Marton, F. 1994. Phenomenography. In: Husén, T & Postlethwaite, N. (Eds.) *The International Encyclopedia of Education*. 2nd. [London]: Pergamon:4424-4429.

Kurtz, C.F. & Snowden, D.J. 2003. The new dynamics of strategy: sense-making in a complex and complicated world. *IBM Systems Journal*, 42(3): 462-483.



Lawrence, I. 2005. Interview with I. Lawrence (IBM), 7 June 2005.

Lee, R. 1996. What makes training pay? *Issues in people management*. 11. London: Institute of Personnel and Development.

Lessing, N. & Maritz, J. 2001. Juxtapositions in management: critical issues to be resolved. *Management Today*, 17(1):10-14.

Löwstedt, J. & Stjernberg, T. 2006. Producing management knowledge: research as practice. New York, N.Y.: Routledge.

Luhmann, N. 1995. Social systems. Stanford, Cal.: Stanford University Press.

Malone, S.A. 2003. *How to set up and manage a corporate learning center*. 2nd ed. Aldershot: Gower.

Marsh, N. 2006. Strategic foresight: the power of standing in the future. *Management Today*. 22(9):10-14.

Marton, F. 1994. Phenomenography. In: Husén, T & Postlethwaite, N. (Eds.) *The International Encyclopedia of Education*. 2ed. [London]: Pergamon:4424-4429.

McCracken, M. & Wallace, M. 2000a. Exploring strategic maturity in HRD – rhetoric, aspiration or reality? *Journal of European Industrial Training*, 24(8): 425-467.

McCracken, M. & Wallace, M. 2000b. Towards a redefinition of strategic HRD. *Journal of European Industrial Training*, 24(5): 281-290.

McKinsey and company. 2006. An executive take on the top business trends: a McKinsey global survey. [Online]. Available: <<u>http://www.mckinseyquarterly.com.article</u>> [Accessed 6 August 2006].



*Measuring what matters: how to make training count.* 1999. [Online]. Available: <<u>http://www.traininguniversity.com/tu\_pi1999so\_4.php</u>> [Accessed 5 June 2002].

Meister, J.C. 1998. *Corporate universities: lessons in building a world-class work force*. Rev. and updated ed. New York, N.Y.: McGraw-Hill.

Menkes, J. 2006. Executive intelligence: what all great leaders have. *Management Today*. 22(9):16-22.

Meyer, T. 2004. Growing South Africa's next generation of leaders. *Management Today*. 20(9):8-10.

Montague Institute Review. 1997. Corporate universities as profit centers. [Online]. Available: <<u>http://www.montague.com/le/alerts/le997.html</u>> [Accessed 4 June 2005].

Moore, T. & Dean, M. 1999. *The shifting landscape of executive education*. [Online]. Available: <<u>http://www.traininguniversity.com/magazine/articles/exec\_education.htm</u>> [Accessed 4 June 2005].

Mouton, J. 2001. *How to succeed in your master's and doctoral studies*. Pretoria: Van Schaik.

Nel, P. 2001. Effective management: prerequisite for wealth creation. *Management Today*. 17(6): 10-13.

Nel, P.S., Gerber, P.D., Van Dyk, P.S., Haasbroek, G.D., Schultz, H.B., Sono, T. & Werner, A. 2001. *Human resource management*. 5th ed. Cape Town: Oxford University Press.

Neuman, W.L. 2000. *Social research methods: qualitative and quantitative approaches.* 4th ed. Boston, Mass.: Allyn and Bacon.



Neuman, W.L. 2003. *Social research methods: qualitative and quantitative approaches.* 5th ed. Boston, Mass.: Pearson Education.

Nonaka, I. 1991. The knowledge-creating company. *Harvard Business Review on Knowledge Management*. Boston, Mass.: Harvard Business School Publishing.

Nonaka, I. & Konno, N. 1998. The concept of "*Ba*": building a foundation for knowledge creation. *California Management Review*, 40(3): 40-54.

Nonaka, I. & Takeuchi, H. 1995. *The knowledge-creating company: how Japanese companies create the dynamics of innovation*. New York, N.Y.: Oxford University Press.

Nonaka, I., Toyama, R. & Konno, N. 2000. SECI, Ba and leadership: a unified model of dynamic knowledge creation. *Long Range Planning*, 33(1): 5-34.

Old Mutual. 2000a. Structure and role of Old Mutual University (OMU) governance. (Unpublished).

Old Mutual. 2000b. *Quick reference guide: learning programmes 2001-2002*. (Unpublished).

Phillips, J.J. 2004. *Twelve success factors for corporate universities*. [Online]. Available: <<u>http://www.clomedia.com/content/templates/clo\_fairfield.asp</u>> [Accessed 12 January 2002].

Phillips, B.S. 1976. Social research strategy and tactics. 3rd ed. New York, N.Y.: MacMillan.

Prawat, R.S. 1992. From individual difference to learning communities: our changing focus. *Educational Leadership*. 49(7):9-13.

Prestoungrange, G. Sandelands, E. & Teare, R. 2000. *The virtual organisation: learning at the corporate university workplace campus*. London: Continuum.



Pretorius, B. 2001. Leadership: a key driver to executive strategy. *Management Today*, 17(9):10-11.

Rademakers, M. & Huizinga, N. 2000. How strategic is your corporate university: results from an exploratory survey at Global Corporate University Week 2000. *Corporate University Review*, 8(6):18-20.

Rademakers, M. & Velthuis, J. 2001. *School, college or academy: 3 strategies for developing a world class corporate university.* (Unpublished conference proceedings).

Robinson, R. 2000. Classroom versus technology based learning – a relevant debate? *Management Today*, (16)9: 35-36.

Rothwell, W.J. & Kazanas, H.C. 1994. *Human resource development: a strategic approach*. Rev. ed. Amherst, Ma.: Human Resource Development Press.

Rowles, J. 2002. People development: hedge against economic downswings. *Management Today*, 17(10):38-41.

Scanlan, R. 2000. Instructional media: selection and use. [Online]. Available: <<u>http://www.umdnj.edu/idsweb/idst5330/instructional\_media.htm></u> [Accessed 14 January 2006].

Shah, A., Sterret, C., Chesser, J. & Wilmore, J. 2001. Meeting the need for employees development in the 21st century. *S.A.M. Advancement of Management Journal*, 66(2): 22-29.

Snowden, D.J. 2000. *The ASHEN model: an enabler of action. Knowledge management.* 3(7): 1-6.



Snowden, D.J. & Boone, M. 2007. A leader's framework for decision making. *Harvard Business Review*. Nov: 1-10.

South Africa. 1996. National Small Business Act, no. 102 of 1996. Pretoria: Government Printer.

South Africa. 1998. Skills Development Act, no. 97 of 1998. Pretoria: Government Printer.

South Africa. 1998. Skills Development Levies Act, no. 97 of 1998. Pretoria: Government Printer.

Srikantaiah, T.K.2004. Historical and contemporary perspectives on knowledge management – and a look at the knowledge-sharing initiative at the World Bank. In: Koenig, M.E.D. & Srikantaiah, T.K. (Eds.) *Knowledge management lessons learned: what works and what doesn't*. Medford N.J.: Information Today.

Stacey, R.D. 1995. The science of complexity: an alternative perspective for strategic change processes. *Strategic Management Journal*, 16:477-495.

Stacey, R.D. 1996. *Creativity and complexity in organizations*. San Francisco, Cal.: Berrett-Koehler.

Stewart, T.A. 2001. The wealth of knowledge: intellectual capital and the twenty-first century organization. London: Nicholas Brealey.

Struwig, F.W. & Stead, G.B. 2001. *Planning, designing and reporting research*. Cape Town: Pearson Education.



Stuart, A. 1999. *Continuing ed.* [Online]. Available: <http://www.cio.com/archive/webbusiness/090199\_virtual.html> [Accessed 5 June 2002].

Tanner, L. 2003. Corporate university approach taking hold. *Dallas Business Journal*, 25 July:1-3.

Tiwana, A. 2002. *The knowledge management toolkit: orchestrating IT, strategy, and knowledge platforms.* 2nd ed. Upper Saddle River, N.J.: Prentice Hall.

Telkom Centre for Learning and Organisational Capacity. 2004. *Telkom people development programmes 2003-2005*. Pretoria: Telkom.

Thygerson, K. 2000. In-house education: credit union universities now open new learning doors. *Credit Union Management*, 23(3):71-73.

Ungerer, M., Herholdt, J. & Uys, K. 2006. *Leveraging knowledge-based assets: the new value equation to create competitive advantage*. Randburg: Knowres.

Van der Colff, L. 2001. Creating leadership skills through organisational culture and diversity. *Management Today*, 17(7):16-19.

Van Dyk, P.S., Nel, P.S., Loedolf, P. Van Z. & Haasbroek, G.D. 2001. *Training management: a multidisciplinary approach to human resource development in southern Africa.* 3rd ed. Cape Town: Oxford University Press.

Van Maanen, J. 1979. *Qualitative methodology*. Beverly Hills, Cal.: Sage Publications.

Wageningen International. 2002. MSP resource portal. [Online]. Available: <<u>http://portals.wi.wur.nl/msp/?Semi-structured\_interviewing</u>> [Accessed 17 March 2007].



Walton, J. 1999. *Strategic human resource development*. London: Financial Times Prentice Hall.

Watson, S. 2003. Tomorrow's leaders need global and local skills as well as theory. *Management Today*, 19(3):24.

Weeks, R. 2000. The knowledge based digital economy: some reskilling imperatives. *Management Today*, 16(9):16-19.

Weeks, R. 2004a. Alternative paradigms of managing. Management Today, 20(9): 26-29.

Weeks, R. 2004b. Managing the enterprise: a complexity science perspective. *Management Today*, 20(3):20-22.

Weeks, R. 2005. Interview with R. Weeks (IBM), 7 June 2005.

Wheeler, K. 2001. *Launching and managing a 21st century corporate university*. Geneve: Global Corporate University Week.

Wicks, P. 2001. Does a company need a campus to compete? *Knowledge management*. Feb.: 28-29.

World Economic Forum. 2005. *Growth competitiveness index rankings 2005 and 2004 comparisons*. [Online]. Available: <<u>http://www.weforum.org/site/homepublic.nsf/Content/Growth+Competitiveness+Index</u>+rankings+2005+and+2004+comparisons> [Accessed 6 December 2005].



Yanovsky, R. 2001. The Maricopa-Motorola learning partnership. *GartnerGroup Case Studies*, CS-13-1126.



# ANNEXURE A UNIVERSITY OF PRETORIA DEPARTMENT OF INFORMATION SCIENCE

### **Consent form**

Researcher All	
I, the undersigned	have fully explained to the
research participant the nature and purpose of	of the research for which I have asked
his/hers participation.	

Research participant I, the undersigned <u>AEWEN</u>.understands that my participation in this research is voluntary and that my responses will be treated as confidential if I so wish. I may at any time and for any reason withdraw my participation.

Researcher

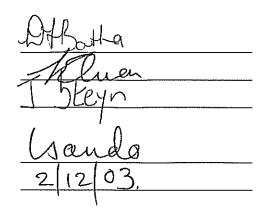
4

Research participant (not compulsory)
 Witness

:

Place

Date





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#### ANNEXURE B

A list of aspects which were discussed during the semi-standardised interviews conducted with respondents at large South African companies.

# The strategic continuing training needs of executives and managers in a selection of large South African companies

Compiled by Deonie Botha

#### 1 GENERAL

- 1.1 Name of company:
- 1.2 Name of interviewee:
- 1.3 Job title of interviewee:
- 1.4 Brief description of company
- 1.4.1 Type (industry/sector) of company:
- 1.4.2 Location of company:
- 1.4.3 National/multinational:
- 1.4.4 Number of employees:
- 1.4.5 Annual report or other publication on the strategic orientation of company

#### 2 STRATEGIC ORIENTATION

2.1 Name one of the major strategic objectives of the company.



- 2.2 How often do the strategic objectives of the company change?
- 2.3 What will cause the strategic objectives to change?
- 2.4 How will the employees be informed about changes occurring in the strategic objectives of the company?

#### **3** STRATEGIC TRAINING NEEDS

- 3.1 Describe the nature of training and the type of training unit that the company uses to provide training to executives and managers.
- 3.2 Are you familiar with the concept "strategic training needs"?
- 3.3 Do the training programmes in the company support the emergent strategic objectives of the company?
- 3.4 Which skills do executives and managers need for the company to reach its emergent strategic objectives?
- 3.5 Give a typical example of a strategic training need that is derived from one of the emergent strategic objectives of the company?
- 3.6 How involved are the executives and managers of the company in the training of employees?

#### 4 TRAINING METHODS AND MEDIA USED BY COMPANIES

- 4.1 What training methods and media does the company use?
- 4.2 Why do you think the method referred to in question 4.1 is effective or not effective? Please motivate your answer.
- 4.3 How does the company determine the effectiveness and relevance of training?



- 4.4 Does the company provide executives and managers with the opportunity for continuous education?
- 4.5 If so, provide examples of the type of continuous education your executives and managers are currently involved with?
- 4.6 Which external providers of training (business school, consulting firm) are involved in the development and provision of training to the executives and managers of the company?
- 4.7 Is the company currently using a corporate university to train executives and managers?
- 4.8 Did the company consider using a corporate university in order to provide continuous education to executives and managers?
- 4.9 Why did the company decide to use/not use a corporate university?
- 4.10 Who does the company provide training to apart from their executives, managers and employees?
- 4.11 How is knowledge management practised in the company?



#### ANNEXURE C

Main business education and development needs of senior level/potential senior level executives or performers in South Africa today. What are the executives not able to do effectively that they should be able to do? (Grant, 1999:15-25)

Business education and	Brief description of need as indicated in the Grant	
development need	study (1999).	
Technical skills	"Technical skills are vital – all business people should	
	be comfortable with PC's / IT."	
Personal development	"People need to be confident in themselves, articulate,	
	be a person of high integrity, be able to network al	
	every level in the company."	
Knowledge management	"Knowledge managers developed extensive and	
	detailed customer profiles by asking questions such as:	
	• How much do we know about our customers?	
	• How can we leverage what we do know?	
	• What do our customers require?	
	• Where are they going?	
	• What is their vision and future strategic	
	direction?	
	• What is the range of relationships we have	
	with our customers?"	
Development/training/education	"There is a great need to have a transition course that	
	enables high flyers to function better in a situation	
	where they haven't had much experience."	
General management	"Managers do not know how to manage today and	
	hence a consulting company can make a significant	
	difference by instilling some discipline into an	
	organisation."	



<b>F</b> ' <b>/ // //</b>	
Finance/bottom line	"Managers need to be trained to run their bottom line
	better and to manage costs better. They are great at
	meeting people in the lobby and making guests feel
	welcome but their business skills are poor and
	therefore they have little direction with their
	planning."
Vision/global competitiveness	"SA managers are generally well thought of
	internationally because they can do virtually anything
	but they lack vision and leadership. They lack those
	elements of big thinking because they are not part of
	the global thought programme."
Succession planning	"Managers have never been taught to think. Are
	managers clear in their own minds what are expected
	of people and are they able to convey it to them?
	Managers have never been taught how to coach, or
	give feedback to improve performance so that the
	person develops."
Affirmative action/black	"Transformation of the corporate culture is a much
empowerment	more fundamental issue – is it inclusive enough so that
	black managers feel integrated or do they continue to
	feel isolated? It is worrying that this issue appears to
	have moved off the agenda of CEO's – a tendency to
	think that the issue has been dealt with when in fact
	we are just beginning to deal with some of these
	issues."
Loss of skills/Lack of skills	"A lot of young, well educated whites are leaving the
	country. They are not emigrating, they are just leaving.
	We now have to transfer skills from one generation to
	the next."
Medium company sector	" the need to create larger amounts of medium sized
	companies in South Africa is essential for growth and
	~



	job creation."
Team management	"Have management and executives have confidence to
	engage each other, ask questions without ridiculing
	others, not to play politics and really learn about the
	different areas within the organisation so that the
	organization would benefit by the team addressing a
	problem or issue."
Measurement of performance	"Managers do not know what to measure to improve
	performance down into the organization."
Leadership/people	"Management in South Africa has good technical
skills/relationships	skills but lacks people skills. Managers care only
	about the bottom line and don't care about
	relationships or building organisational culture – yet it
	is essential that we take people along with us."
Cultural links	"Cultural links with all the different population groups
	in the broadest of terms are lacking. Most white
	managers have no experience of professional Black
	people. These managers shouldn't be surprised that
	there are good black professional people available for
	key jobs."
Communication	"Knowledge sharing and effective leadership will
	create a culture where knowledge will flow –
	encourage people to share information."
Integration of	"Too often MBA's can't integrate their knowledge
knowledge/practical versus	into their organisations or translate it into real
theory	practice."
Emotional intelligence	" you need to have a broad mind in order to
	understand the role of business in society. Too often
	business in South Africa is seen as an end in itself and
	big business tends to see society's role as satisfying
	business rather than the other way around."



Innovation	"One of the most important areas for business to
Innovation	"One of the most important areas for business to
	concentrate on is in the area of innovation. This
	requires training and adaptation to new ideas and new
	trends, especially in the workplace. People need to be
	encouraged to be innovative."
Miscellaneous	"The new managers are specialists doing specialised
	work but across the board – they are cross-linked and
	can take on another role if necessary. For example, the
	finance director needs the flexibility to be able to
	interact with customers and factories. All managers
	need to be able to manage knowledge."



#### ANNEXURE D

Prevalence of training provided to employees (including executives and managers) in large South African companies (ASTD Global Network South Africa, 2003:34-35).

The underneath table provides an "indication of the availability of certain types of training to employees in South African companies. From this table we can see 100% of respondents indicated that Employee induction and Leadership/Management training are provided to employees whereas only 15% of companies provide training on Self-directed learning skills and 20% of companies provide training related to Ethics."

Training type	Prevalence %
Employee induction	100
Leadership/management	100
Computer/IT Skills	94
HIV/Aids awareness	94
Safety	92
Product knowledge	85
Customer service	85
Financial skills	79
Performance management/Appraisals	79
Speaking/Presentation skills	73
Team building	73
Apprenticeship/Learnerships	73
New equipment operation	69
Time management	68
Train-the-trainer	68
Process/Quality improvement	66
Teamworking	66
Problem solving and decision making	63



Recruiting/Hiring/Interviewing	63
ABET-all levels	58
Change management	58
Professional development	53
Diversity	53
Business/Technical writing	50
Basic life/work skills	48
Strategic planning	44
Outplacement/retirement	37
Sexual harassment	31
Wellness (stress etc.)	27
Foreign/other language	26
Ethics	26
Creativity	23
Self-directed learning skills	15
Other	13