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Aspects of training that meet Indigenous Australians' aspirations: A systematic review of research—Support document

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This document was produced by the authors based on their research for the report Aspects of training that meet Indigenous Australians' aspirations: A systematic review of research, and is an added resource for further information. The report is available on NCVER's website:

http://www.ncver.edu.au

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Resources used for searching

The systematic searching for relevant literature was undertaken in May and June 2004. Other resources were added later in 2004 as material became available.

Electronic online databases searched

Various bibliographic databases identified and searched via IlanetWeb http://www.ilanet.net.au

Indigenous Australia databases via Informit Online:

AEI-ATSIS; AIATSIS; FAMILY-ATSIS; APAIS-ATSIS

Education Abstracts (via database vendor – Dialog)

ERIC (via database vendor – Dialog)

Australian Education Index (AEI) cdrom + online via Informit Online

British Education Index (BEI) cdrom

Web based databases searched

VOCED http://www.voced.edu.au

Educational Research Abstracts (ERA) online http://www.tandf.co.uk/era

CEDEFOP Electronic Village - VETBib

http://www.trainingvillage.gr/etv/Information_resources/Library/default.asp

Web search engines used

Google http://www.google.com

Yahoo search http://search.yahoo.com

Dogpile http://www.dogpile.com

Websites viewed

Aboriginal and Torres Strait Islander studies-internet guide

http://www.library.cqu.edu.au/faculty/arts/aboriginal.htm

Aboriginal Canada Portal Home Page

http://www.aboriginalcanada.gc.ca/abdt/interface/interface2.nsf/engdoc/0.html

ABORIGINAL HUMAN RESOURCE DEVELOPMENT STRATEGY (AHRDS)

http://www17.hrdc-drhc.gc.ca/

Aboriginal Languages of Australia http://www.dnathan.com/VL/austLang.htm

Aboriginal Planet - March-April 2004 http://www.dfait-

maeci.gc.ca/aboriginalplanet/750/archives/may2004/cover-en.asp

Aboriginal Post Secondary Studies in Education - Canada

http://tortoise.oise.utoronto.ca/~first/

Aboriginal Studies WWW Virtual Library http://www.ciolek.com/WWWVL-Aboriginal.html

AIATSIS - journal 2001 -1983 http://www.aiatsis.gov.au/rsrch/aas_jrn/journal.htm

AIATSIS Collections Catalogue http://unicorn.aiatsis.gov.au/

Alaska Native Knowledge Network http://www.ankn.uaf.edu/

American Indian & Alaska Native Education Research http://www.indianeduresearch.net/

Annotated bibliography on Indigenous education issues - DEST

http://www.dest.gov.au/schools/publications/2002/nrpiet/AnnotatedBibliography.pdf

ANU - Centre for Aboriginal Economic Policy Research - Welcome

http://online.anu.edu.au/caepr/

ATSILIRN Aboriginal & Torres Strait Islander Library & Information Resource Network

http://home.vicnet.net.au/~atsilirn/

Aussie Educator - Australian primary, secondary, tertiary education and teaching resources

http://www.teachers.ash.org.au/aussieed/default.htm

Australian Indigenous Research Network - The University of Newcastle, Australia

http://www.newcastle.edu.au/centre/airn/nodes-education.html

Best practice & benchmarking in Aboriginal community controlled adult education

http://pandora.nla.gov.au/pan/21383/20010814/www.koori.usyd.edu.au/FIAEP/acerpt.html

Bill's Aboriginal Links http://www.bloorstreet.com/300block/aborl.htm

CAIS - Arts - Monash University http://www.arts.monash.edu.au/cais/

CANADA BP-II.20 - Best Practices on Indigenous Knowledge

http://www.unesco.org/most/bpik20-2.htm

Canadian Indigenous and Native Studies Association http://www.cinsa.ca/

Center for World Indigenous Studies http://www.cwis.org/

Coombsweb National Institute for Asia and the Pacific Server

http://coombs.anu.edu.au/CoombsHome.html

Co-operative Research Centre for Aboriginal Health http://www.crcah.org.au/

Dare To Lead

http://cust49.metawerx.com.au/servlet/Web?cid=14&cde=21471869&action=start

DEST - Indigenous resources http://www.dest.gov.au/directory/indigenous.htm

FIAEP Home Page http://mail.koori.usyd.edu.au/fiaep/

First Nations and Aboriginal - Other Links http://tortoise.oise.utoronto.ca/~first/other.html

First Nations and Aboriginal Journals and Magazines

http://tortoise.oise.utoronto.ca/~first/journals.html

First Nations Development Institute http://www.firstnations.org/

First Nations Partnership Programs in Child and Youth Care http://www.fnpp.org/home.htm

Flinders University Institute of International Education

http://ehlt.flinders.edu.au/education/fuiie/frame.HTM

Indian and Northern Affairs Canada http://www.ainc-inac.gc.ca/index_e.html

Indigenous Education - ACER

http://www.acer.edu.au/research/special_topics/indigenous.html

Indigenous education boosts women's health and education prospects – UN

http://www.un.org/apps/news/story.asp?NewsID=10710&Cr=indigenous&Cr1=people

Indigenous Education Publications (DEST)

http://www.dest.gov.au/schools/publications/subject_indigenous_education.htm

indigenous.gov.au

Indigenous Online Network (Uni SA) http://www.ion.unisa.edu.au/

<u>Indigenous Peoples Australia - Education</u> http://www.ldb.org/oz_ed.htm

Indigenous topic - Australian Policy Online http://www.apo.org.au/indigenous.shtml

Indigenous Training Site http://www.itis.edu.au/

Journal of American Indian Education-Arizona State University http://jaie.asu.edu/

Menzies School of Health Research

http://www.menzies.edu.au/servlet/page?_pageid=145&_dad=portal30&_schema=PORTAL30

National Indian Education Association http://www.niea.org/

NativeWeb http://www.nativeweb.org/

NATSIEW - National Aboriginal and Torres Strait Islander Education Website

http://www.natsiew.nexus.edu.au/

Office of Indian Education Programs http://www.oiep.bia.edu/

Review of the research literature on the influences of culturally based education.

http://www.nwrel.org/indianed/cbe.pdf

The Drawing Board Disadvantage in Indigenous education

http://www.econ.usyd.edu.au/drawingboard/journal/0311/hunter_schwab.html

UNITAR.ORG - United Nations Institute for Training & Research Homepage

http://www.unitar.org/

United Nations Permanent Forum on Indigenous Issues

http://www.un.org/hr/indigenousforum/

vet in school for Indigenous students - success through cultural fit

http://www.dest.gov.au/research/fellowship/docs/jerry_schwab/jerry schwab.doc

Youth Portal - Research, Policy and Publications Indigenous Australians

http://www.youth.gov.au/research/indigenous_australians.htm

Wadu-net vocational learning for young Indigenous Australians

http://www.veco.ash.org.au/wadu/default.asp

Wadu Resource Home page http://www.ecef.com.au/WaduResource/objects/001.HTM

WHAT WORKS. THE WORK PROGRAM http://www.whatworks.edu.au/

Key search terms

Population

Indigenous / Indigenous people / Aboriginal / Aboriginal student / Aboriginal people / Torres Strait Islander / First Nations / Maori / American Indian / Alaska Natives / Canada Natives / Pacific Islanders / Koori

Intervention

career development / career planning / course design / curriculum development / curriculum design / cultural education / cultural factor / cultural awareness / culturally inclusive / culturally inclusive education / culturally relevant education / tribally controlled education / American Indian education / American Indian studies / appropriate course / cultural obligations / flexible delivery / learning activities / adult education / community education / adult and community education / vocational education / vocational training / adult learning / training program / program implementation / Indigenous education / Aboriginal education / best practice / benchmarking / community controlled adult education / quality teaching / delivery systems / community education / case studies / benefits / effective training programs / planning / design / delivery / support services / practical course delivery / community-based training / tutoring / literacy support / financial support / social support / cultural support / student support services / program effectiveness / program evaluation / delivery systems / critical success factors

Outcomes

social capital / outcome of education / performance indicator / qualification / completion / module completion / subject completion / articulation / further study / course completion / social outcome / educational outcome / employment outcome / improved employment prospects / promotion / job / job retention / job training / employment / successful outcome / skill development / skill development activity / skill upgrading / community development / family development / health development / capacity building / governance / reduced incarceration / paid employment / participation / participation rates / economic independence / Indigenous enterprises / self esteem / communication skills / strong identities / self confidence / employment pathways

Evaluation template

To ensure consistency and maximum value from the review, the following template has been developed for completion by each reviewer. It is based on the Framework for the systematic review of research, *Appropriate design and delivery for Indigenous people in vocational, adult and community education and training.* For your responses please circle or bold the relevant answer(s).

Important notes:

- 1. For all fields, if you are supplying information that you have inferred from the report, or ascertained from other sources, please make this clear by putting it in square brackets and writing [inferred by reviewer] at the end of the comment or code. It is necessary to distinguish between what is explicit in the report and what is implicit, or sourced from elsewhere. You may need to undertake further investigation (eg a phone call to an author) to answer a question. If that is the case it must be recorded.
- 2. Wherever necessary, put a **page reference** to indicate where in the report you found the text on which your decision was based. This will help in the discussion with your fellow reviewer and in the final synthesis.
- 3. In many fields, you are asked to indicate one or more codes that apply to all or part of the study. You are also able to use a text field to write comments about how the codes apply; for example if the study uses several types of methodology in different geographic areas, you can outline exactly which codes apply and how they are related.

1. A	bout the study you are revi	ewing			
Q1	Information needed for this	s section w	vill be supplied with th	e studies.	
1.1	ID:				
1.2	Author(s):				
1.3	Title:				
1.4	Publication details (place, publisher and date):				
1.5	Source (detail below):	Web	Hand search	Database	
1.6	Details:				

2. Al	oout the reviewer	
Q2	Please complete your details below	v:
2.1	Name(s):	
2.2	Date of review:	
3. Al	oout the research, its scope and its	findings
Q3.1		pe of the study, including research up and tested by the study. Use your own sary (for example if the study describes its
Q3.2	Please use a separate paragraph	they relate to the objectives of the study. for each finding. Use your own words to example if the study describes its findings
Q3.3a	details of the sample size, populati	nethodologies used for this study. Include ion and coverage (eg 30 in-depth interviews nd a national telephone survey of 400
Q3.3b	Please describe any differences be used for this study.	etween the actual and proposed methods

Q3.4	What geographic location(s) does make comments in your own word geographic locations applying to a apply to a location within a particulist the region(s)/state(s)/countries notes if necessary.	ls below lifferent p lar state,	if you need to explain different parts of the study. Note: local can organisation or industry. Please
3.4a	Australia (national)	3.4b	Australia (state)
3.4c	Australia (local)	3.4d	International (one country only, not Australia)
3.4e	International (more than one country, may include Australia)	3.4f	Other (specify)
Q3.5	What time-period does the study of	cover? M	ake explanatory notes if necessary.
3.5a	Month(s) if relevant:		
3.5b	Year (including range if relevant):		
Q3.6	make explanatory notes if necessions sample and the actual sample use	ary. Pleased, if diffection displayed in the displayed in	erent, and provide an explanatory om which the sample was drawn is
3.6a	Aboriginal	3.6b	Torres Strait Islander
3.6c	Aboriginal and Torres Strait Islander	3.6d	Maori (New Zealand)
3.6e	First Nations (North America)	3.6f	Other (international)
Q3.7	not yet recorded (eg. specific age etc), please detail below. Make execord both the expected included	groups, g xplanator d populat an explan was drav	tion and the actual population attory note in your comments. If the wn is different from the actual

4. At	oout the VET and ACE	learning p	rograms				
Q4.1					m(s)? Select all that apply; make er provider(s) and give details.		
4.1a	School	,	4.1b TAI	TAFE			
4.1c	Higher education			Adult and community education (ACE)			
4.1e	Private provider			Indigenous controlled provider			
4.1g	Other (specify)						
Q4.2					all that apply; make explanatory nethods/types and give details.		
4.2a	On-the-job training		4.2	b	Off-the-job training		
4.2c	Apprenticeship		4.20	d	Traineeship		
4.2e	Distance education		4.2	f	Online (e-learning)		
4.2g	In classroom		4.2	h	Community setting		
4.2i	Block release		4.2	į	Other (specify)		
Q4.3	Was the VET/ACE potential that apply; make exp				pecific or mainstream? Select all sary.		
4.3a	Indigenous-specific		4.3	b	Mainstream/general		
Q4.4	necessary. List any o	other setting whether the	g(s) and gi	ve	m(s)? Make explanatory notes as details. NOTE : Q4.6 is where e accredited (AQF) or		
4.4a	Formal (structured)	4.4b	Informal (ir coaching)	nclu	ides self-directed, networking, mentoring,		
4.4c	Formal and informal	4.4d	Other (spe	cify	below)		

Q4.5	each of these is included on a se http://www.abs.gov.au/Ausstats/ 7661f/41ca34c3a2af0c2cca256a	below. Ir eparate s /abs%40. aaf001fca	nformation about what is included in wheet and is also available at nsf/66f306f503e529a5ca25697e001
	Select all that apply (if any). Mal	ke explan	atory notes as necessary.
4.5a	Natural & physical sciences	4.5b	Information technology
4.5c	Engineering & related technology	4.5d	Architecture & building
4.5e	Agriculture, env. & related studies	4.5f	Health
4.5g	Education	4.5h	Management & commerce
4.5i	Society & culture	4.5j	Creative arts
4.5k	Food, hospitality & personal services	4.51	Literacy & numeracy
4.5m	Learning skills	4.5n	Social skills
4.50	Employment skills	4.5p	Other general education
4.5q	Other mixed field programs	4.5r	Subject only (no field of education)
Q4.6	Indicate, if relevant, the level of	qualificat	ion of the VET/ACE program(s).
	Select all that apply (if any). Mal	ke explan	natory notes as necessary.
4.5a	Non-award course (unaccredited)	4.5b	AQF Subject only/statement of attainment
4.5c	Secondary education cert.	4.5d	Certificate I
4.5e	Certificate II	4.5f	Certificate III
4.5g	Certificate IV	4.5h	Diploma
4.5i	Advanced Diploma	4.5j	Graduate Certificate
4.5k	Graduate Diploma	4.51	Bachelor Degree or higher
4.5m	Other (specify below)		
Q4.7			/ACE program(s) that you have not ny necessary explanatory comments.

5. Ab	oout the planning, design, deli	very and	support service	s in	VET/ACE
Q5.1	Does the study describe/addre programs?	ess the pl	anning of VET/A	ACE I	earning
	1 Yes	2	No	3	Not applicable
	If yes, please indicate which aspendences as necessary. List any other				
5.1a	Training packages	5.1b	Indigenous particip	ation i	n decision-making
5.1c	Funding models	5.1d	Other (specify)		
Q5.2	Does the study describe/addre	ess the de	esign of VET/AC	E lea	rning programs?
	1 Yes	2	No	3	Not applicable
	If yes, please indicate which aspeas necessary. List any other rele				
5.2a	Culturally inclusive courses	5.2b	Culturally approp	riate c	ourses
5.2c	Language (eg bilingual materials)	5.2d	Flexible timetabli obligations	ng for	cultural/family
5.2e	Quality course materials	5.2f	Other (specify)		

Q5.3	Does the study describe/a programs?	address the d	elivery of VET/A	CE le	earning	
	1 Yes	2	No	3	Not applicable	
	If yes, please indicate which as necessary. List any other					S
5.3a	Indigenous teachers/tutors	5.3b	Quality teaching			
5.3c	Flexible delivery	5.3d	Learner focussed			
5.3e	Other (specify)					
Q5.4	Does the study describe/a Indigenous students in VE			· supp	oort services for	
	1 Yes	2	No	3	Not applicable	
	If yes, please indicate which as necessary. List any other					3
5.4a	Indigenous support units	5.4b	Tutorial assistance	е		
5.4c	Student support officers	5.4d	Childcare			
5.4e	Health services	5.4f	Family/community	assista	ance	
5.4g	Other (specify)					

Q6.1	Does the study identify and/or de outcomes as a result of the plar programs?					ng
	1 Yes	2 N	lo	3	Not applicable	
	If yes, please indicate all that descri explanatory notes as necessary. Lis					
6.1a	Course/qualification completion	6.1b	Module/sub	ject comp	letion	
6.1c	Movement to higher level courses in VET	6.1d	Movement t university)	o other ed	lucation/training (e	eg.
6.1e	Other (specify)					
Q6.2	Does the study identify and/or de outcomes as a result of the plar programs?					ng
	1 Yes	2 N	lo	3	Not applicable	
	If yes, please indicate all that descri explanatory notes as necessary. Lis					
6.2a	Acquired a job	6.2b	Improv	ed emplo	yment prospects	
6.2c 6.2e	Retained a job/employment duration Other (specify)	6.2d	Promo	tion in exi	sting job	
Q6.3	Does the study identify and/or de a result of the planning, design o					as
	1 Yes	2 N	lo	3	Not applicable	
	If yes, please indicate all that descri explanatory notes as necessary. Lis					
	Health	6.3b	Family	/communi	ity development	
6.3a		6.3d	Gover	nance		
6.3c	Capacity building					
	Capacity building Self esteem Other (specify)	6.3f		eration		

Q6.4	employment or social outcomes as a result of the VET/ACE learning programs, please describe below.
	Please include negative as well as positive outcomes.
Q6.5	If there are any other details regarding the outcomes of the VET/ACE learning programs, as described in the study, that you have not yet recorded, please detail below. Make explanatory notes as necessary.

Does the study identify and/or demons the VET/ACE learning programs for In outcomes? 1 Yes	ndigenou No [are (circle	3 Not applicable a all that apply). Make explanatory s and give details. Peer attitude Financial circumstances Availability of employment opportunities Discrimination
If so, please indicate what these barriers a notes as necessary. List any other relevant Personal attitude Health Availability of other educational opportunities Access to services (educational or other – specify) Prior educational background Existing skills	are (circle nt barriers 7.1b 7.1d 7.1f 7.1h	e all that apply). Make explanatory s and give details. Peer attitude Financial circumstances Availability of employment opportunities Discrimination
notes as necessary. List any other relevant Personal attitude Health Availability of other educational opportunities Access to services (educational or other – specify) Prior educational background Existing skills	7.1b 7.1d 7.1f 7.1f 7.1h	s and give details. Peer attitude Financial circumstances Availability of employment opportunities Discrimination
notes as necessary. List any other relevant Personal attitude Health Availability of other educational opportunities Access to services (educational or other – specify) Prior educational background Existing skills	7.1b 7.1d 7.1f 7.1f 7.1h	s and give details. Peer attitude Financial circumstances Availability of employment opportunities Discrimination
Health Availability of other educational opportunities Access to services (educational or other – specify) Prior educational background Existing skills	7.1d 7.1f 7.1h	Financial circumstances Availability of employment opportunities Discrimination
Availability of other educational opportunities Access to services (educational or other – specify) Prior educational background Existing skills	7.1f 7.1h	Availability of employment opportunities Discrimination
opportunities Access to services (educational or other – specify) Prior educational background Existing skills	7.1h	Discrimination
specify) Prior educational background Existing skills		
Existing skills	7.1j	
•		Geographic location
Other (enecify)	7.11	Funding of programs
Other (specify)		
If so, please indicate what these facilitator	rs are (cir	rcle all that apply). Make
Personal attitude	7.2b	Peer attitude
Health	7.2d	Financial circumstances
Availability of other educational opportunities	7.2f	Availability of employment opportunities
Access to services (educational or other – specify)	7.2h	Prior educational background
Geographic location	7.2j	Existing skills
Funding of programs	7.21	Other (specify)
	the VET/ACE learning programs for In outcomes? 1 Yes	1 Yes

o. Al	IT FURTHER COMMENTS ABOUT THE STUDY
Q8	Please feel free to add expert comment on any additional aspect that you believe is relevant to this systematic review, for example about the context of the study or the funding source.
9. AN	NY OTHER RELEVANT RESEARCH
Q9	Finally, please put details here of any highly relevant research referred to in the study you are reviewing, or that you are otherwise aware of, that you believe should be followed up for the systematic review.

ew? Co	onsider the	focus of the population, compared w		
		is giving an		I
		Rating		
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High	Medium+	Medium	Medium-	Lov
High	Medium+	Medium	Medium-	Lov
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	High High High	High Medium+	High Medium+ Medium High Medium+ Medium High Medium+ Medium	High Medium+ Medium Medium- High Medium+ Medium Medium- High Medium+ Medium Medium-

Thank you for completing this evaluation form.