

Department of Industrial Sciences

1. Advanced Diploma of Computer Science (Instrumentation) (S12832VICI)

Sample size	33	
Total responses	5 (15.2%)	
Responses by year	2002: 2	2003: 3

Summary:

This report provides information gathered through the Graduate Destination Survey conducted by SPS in June/July 2004. It includes summaries of the main reasons that respondents chose to do the Advanced Diploma of Computer Science (Instrumentation) course, their educational and work background, whether they felt they achieved their aims, their overall satisfaction with the course, and post-study work and educational outcomes.

Eighty per cent of the respondents were in paid employment by the time of the survey, although many of them were looking for additional or alternative work. Three respondents were engaged in further education – completing degree programs. Although a couple of the respondents felt that they hadn't achieved their study aims, overall satisfaction with the course was quite high. Nevertheless, there was some suggestion that the course content could be improved.

Before the course:

Main reason for doing the course (N = 5)

To get a job	2
To develop an existing business	
To start a new business	
To get a different job	
To get a better job	1
It was a requirement of my job	1
To get extra skills for my job	
To get into further study	1
Personal interest	
Other	

Respondents employed before the start of the course: 60% (3/5 respondents)

Educational background: no responses.

After the course:

Course satisfaction:

n=5	Yes	Partly	No
Did you achieve your main aim for doing the course?	3	0	2

How would you rank the quality of the course?

(1-2 = Poor, 3-4 Below Average, 5-6 Average, 7-8 Above Average, 9-10 Excellent)

Mean response for this course:	8.60 (N = 5)
Overall Swinburne mean all courses in this survey	7.84
NCVER mean for 2002 Swinburne graduates	7.4

Current employment:

	Percentage	Responses (n)
Respondents in paid employment at June/July 2004	80%	4/5
Total respondents in unpaid work (inc. those with paid work or study)	0%	0/5

	Full Time	Part Time	Casual	Other
Current job status	1	0	3	0

	Related	Somewhat related	Not related
Current job related to the course?	0%	25%	75%

	Same as previous job	Similar to previous job	Promotion or other improvement	Not related to previous job	Not employed before course
Current job's relationship to job before the course	2		1		1

	Yes	Responses (n)
Did your TAFE course assist you to get this job?	50%	2/4
Did the course help you with the skills that you need in this job?	50%	2/4
Are you looking for additional work	25%	1/4
Are you looking for alternative work	25%	1/4

Further education

Three of five respondents were enrolled in further study at the time of the survey, two of them at Swinburne.

Course details

N = 3	CII	CIII	CIV	Dip	Adv Dip	Grad Cert	Degree	Masters	Other
Course level (Number)	0	0	0	0	0	0	3	0	0

N=3	Full Time	Part Time
Study mode	3	

N=3	Related to course	Somewhat related	Not related
New course relationship to completed course	3		

Respondents not in work or study:

Nil of 5.

Additional qualitative information

List three things you gained personally from doing the course.

(NB Responses were grouped into 9 categories as indicated in the summary table below.)

1. Qualifications	0	6. Career Path	0
2. Knowledge and Skills	0	7. Industry Understanding or experience	0
3. Connection with teachers & other students	0	8. Other	0
4. Satisfaction	0	9. No gain	0
5. Confidence	0	Total Comments (Up to 3 per respondent)	0

List three things that you felt Swinburne did well in your time here.

(NB Responses were grouped into 8 categories as indicated in the summary table below.)

1. Course Structure	0	6. Practical Industry Experience	0
2. Course Content	0	7. Other	0
3. Course Administration	0	8. Negative Statement	0
4. Teaching Practice	1		
5. Facilities and Resources	0	Total Comments (Up to 3 per respondent)	1

Category	Survey	Things Swinburne did well
4	172	Teacher Availability

Suggest three things that you believe are the most important things that Swinburne should do to improve the course.

(NB Responses were grouped into 8 categories as indicated in the summary table below.)

1. Course Structure	0	6. Practical Industry Experience	1
2. Course Content	3	7. Happy – No comment	0
3. Course Administration	0	8. Other	0
4. Teaching Practice	0		
5. Facilities and Resources	2	Total Comments (Up to 3 per respondent)	6

Category	Survey	Suggested Improvements
2	172	Change content of some of the classes
2	172	Use similar content as a comp science degree
2	172	Course was a little too broad, it felt as if the teachers were rushing to keep up
5	170	Need the latest hardware and software
5	173	More up to date software
6	174	Maybe set up a job scheme for graduates to start working

Respondents who have indicated that they are willing to be contacted again to help Swinburne improve its courses

Graduate details are available on ASCOL.

ID	Surname	Given Name	Year Graduated
1555065	Gorgioski	Vasko	2002
1555243	Maltar	Valentin	2002

Graduate Destination Survey (Graduates from 2002 and 2003) Swinburne University of Technology – TAFE

#	Reason for study	Before the Course				After the Course							
		Unemp	Occupation	Tasks	Industry	Occupation	Tasks	Industry	FT/PT	Unpaid Work	Further Ed	Course	FT/PT
170	1	-	Shop assistant	retail selling	Supermarket	Shop assistant	retail selling	Supermarket	Casual		Degree	Bachelor of Bio-Medical Science	F/T
171	5	-	Coles worker	cashier	Retail	Assistant Manager	Manager	Retail	F/T				
172	6	Yes	Shelf Stacker	Shelf Stacker	Retail	Shelf Stacker	Shelf Stacker	Retail	Casual			0	
173	8	No				Electronic sales	Sales	Electronics	Casual		Degree	Bachelor of Science Computing	F/T
174	1	No									Degree	Bachelor of Computer Science	F/T

2. Advanced Diploma of Computer Science (Multimedia) (S12832VICM)

Sample size	39	
Total responses	8 (20.5%)	
Responses by year	2002: 3	2003: 4

Summary:

This report provides information gathered through the Graduate Destination Survey conducted by SPS in June/July 2004. It includes summaries of the main reasons that respondents chose to do the Advanced Diploma of Computer Science (Multimedia) course, their educational and work background, whether they felt they achieved their aims, their overall satisfaction with the course, and post-study work and educational outcomes.

Half of the respondents (n = 8) were in paid employment at the time of the survey, although two of them were looking for additional work. Most felt that had developed their skills and knowledge during this course, however nearly all felt that Swinburne could improve the course content and improve the facilities and resources.

Before the course:

Main reason for doing the course (n = 7)

	%
To get a job	57.1%
To develop an existing business	
To start a new business	
To get a different job	
To get a better job	
It was a requirement of my job	
To get extra skills for my job	
To get into further study	28.6%
Personal interest	
Other	14.3%

Respondents employed before the start of the course: 12.5% (1/8 respondents)

Educational background (n=8)

	Year 12	Year 11	Year 10	Year 9 or below
Highest Level of secondary schooling	100%			

Qualifications prior to starting the course

Completed TAFE Qualification 25% (n=8)

Completed Australian Higher Education Qualification 0% (n=8)

Started but did not complete Australian Higher Education Qualification 12.5% (n=8)

After the course:

Course satisfaction:

N=8	Yes	Partly	No
Did you achieve your main aim for doing the course?	62.5%	12.5%	25%

How would you rank the quality of the course?

(1-2 = Poor, 3-4 Below Average, 5-6 Average, 7-8 Above Average, 9-10 Excellent)

Mean response for this course: 7.00 (N = 7)

Overall Swinburne mean all courses in this survey 7.84

NCVER mean for 2002 Swinburne graduates 7.4

Current employment:

	Percentage	Responses (n)
Respondents in paid employment at June/July 2004	50%	4/8
Total respondents in unpaid work (inc. those with paid work or study)	0%	0/8

Current job status	Full Time	Part Time	Casual	Other
	2	0	1	1

Current job related to the course?	Related	Somewhat related	Not related
	0%	0%	100%

Current job's relationship to job before the course	Same as previous job	Similar to previous job	Promotion or other improvement	Not related to previous job	Not employed before course
					4

	Yes	Responses (n)
Did your TAFE course assist you to get this job?	25%	1/4
Did the course help you with the skills that you need in this job?	25%	1/4
Are you looking for additional work	25%	1/4
Are you looking for alternative work	0%	0/3

Further education

Three of the eight respondents were enrolled in further study at the time of the survey, all at Swinburne.

Course details

N = 4	CII	CIII	CIV	Dip	Adv Dip	Grad Cert	Degree	Masters	Other
Course level (Number)	0	0	0	1	0	0	2	1	0

N=4	Full Time	Part Time
Study mode	100%	0%

N=4	Related to course	Somewhat related	Not related
New course relationship to completed course	100%	0%	0%

Respondents not in work or study:

Two of eight respondents were not enrolled in further study or in paid work at the time of the survey.

Additional qualitative information

List three things you gained personally from doing the course.

(NB Responses were grouped into 9 categories as indicated in the summary table below.)

1. Qualifications	0	6. Career Path	2
2. Knowledge and Skills	3	7. Industry Understanding or experience	1
3. Connection with teachers & other students	2	8. Other	1
4. Satisfaction	0	9. No gain	0
5. Confidence	0	Total Comments (Up to 3 per respondent)	9

Category	Survey	Gained Personally from doing the course	
2	177	Technical skills	
2	178	Gained some skills necessary for the line of work I wish to be in	
2	180	Knowledge on software applications in multimedia	
3	178	New friends	
3	180	Made new friends with similar interests	
6	178	Better understanding on what I want to do	
6	180	Gained entry into another Uni course	
7	177	awareness of industry	
8	177	awareness of options	

List three things that you felt Swinburne did well in your time here.

(NB Responses were grouped into 8 categories as indicated in the summary table below.)

1. Course Structure	0	6. Practical Industry Experience	0
2. Course Content	2	7. Other	1
3. Course Administration	2	8. Negative Statement	0
4. Teaching Practice	0		
5. Facilities and Resources	1	Total Comments (Up to 3 per respondent)	6

Category	Survey	Things Swinburne did well	
2	177	progress for subject results	
2	178	Course layout, good selection of core subjects	
3	177	timetables	
3	178	Timely feedback on assessment (in general)	
5	178	Lab access, was able at most times to access a comp on campus	
7	177	Easier to get into uni	

Suggest three things that you believe are the most important things that Swinburne should do to improve the course.

(NB Responses were grouped into 8 categories as indicated in the summary table below.)

1. Course Structure	1	6. Practical Industry Experience	1
2. Course Content	5	7. Happy – No comment	1
3. Course Administration	0	8. Other	0
4. Teaching Practice	1		
5. Facilities and Resources	5	Total Comments (Up to 3 per respondent)	14

Category	Survey	Suggested Improvements
1	178	Have more electives to choose hours such as multimedia subjects, perhaps computer game programming?
2	177	web development eg PHP, ASP.net OS eg mac linux - not just windows and
2	178	Offer more variety in the subjects, such as possibly a subject dedicated to php, jsp etc
2	179	More oriented focus on programming subjects (eg java)
2	181	Change depth of some of the subjects entered into. 3d design
2	181	Need to cover C++ a lot more than they do.
4	180	Employ more professional staff
5	175	update computers
5	177	Have less low level programming eg microprocessor
5	177	class size was too big
5	179	Need to be shown more resources access.
5	180	Upgrade computer systems
6	181	By doing a TAFE course you learnt a lot of hand on skills
7	182	happy with course

Respondents who have indicated that they are willing to be contacted again to help Swinburne improve its courses.

Graduate details are available on ASCOL.

ID	Surname	Given Name	Year Graduated
1555235	Nicholls	Christopher	2002
1555391	Moss	Aaron	2002
1963422	Robson	Nicholas	2003
196352X	Denizci	Hural	2003

Graduate Destination Survey (Graduates from 2002 and 2003) Swinburne University of Technology – TAFE

#	Reason for study	Before the Course				After the Course								
		Unemp	Occupation	Tasks	Industry	Occupation	Tasks	Industry	FT/PT	Unpaid Work	Further Ed	Course	FT/PT	
175	1	No												
176	-	Yes				Plasterer		Building	Self Empl					
177	8	No												
178	1	Yes	0			Mail sorter	Sorting, collating mail	mailing house	Casual		Masters Degree	Masters of IT	F/T	
179	1	No									Degree	Bachelor Computer Science	F/T	
180	8	No	Student								Degree	Bachelor of Multimedia/Business - Marketing	F/T	
181	10	-	market research	to call people up to do surveys	marketing	IBL student	help desk/ pc support and programming	Mazda - automotive	F/T		Diploma	Applied science(Computer Science engineering)	F/T	
182	1	No				Manager - Red Rooster	Manage the store	Fast-food	F/T					

3. Advanced Diploma of Computer Science (Software Development) (S12832VICS)

Sample size	12	
Total responses	4 (33.3%)	
Responses by year	2002: 1	2003: 3

Summary:

This report provides information gathered through the Graduate Destination Survey conducted by SPS in June/July 2004. It includes summaries of the main reasons that respondents chose to do the Advanced Diploma of Computer Science (Software Development) course, their educational and work background, whether they felt they achieved their aims, their overall satisfaction with the course, and post-study work and educational outcomes.

Unfortunately, few responses were obtained for this course. Two respondents (of four) undertook their studies to get a job, whilst the remainder had other reasons. All respondents felt they gained knowledge and skills from the course and they have all gone on to further study.

Before the course:

Main reason for doing the course (n = 4)

To get a job	2
To develop an existing business	
To start a new business	
To get a different job	
To get a better job	
It was a requirement of my job	
To get extra skills for my job	
To get into further study	
Personal interest	
Other	2

Respondents employed before the start of the course: 25% (1/4 respondents)

Educational background (N=4)

	Year 12	Year 11	Year 10	Year 9 or below
Highest Level of secondary schooling	3		1	

Qualifications prior to starting the course

Completed TAFE Qualification

1

Completed Australian Higher Education Qualification

Started but did not complete Australian Higher Education Qualification

After the course:

Course satisfaction:

N=4	Yes	Partly	No
Did you achieve your main aim for doing the course?	3		1

How would you rank the quality of the course?

(1-2 = Poor, 3-4 Below Average, 5-6 Average, 7-8 Above Average, 9-10 Excellent)

Mean response for this course:	7.75 (N = 4)
Overall Swinburne mean all courses in this survey	7.84
NCVER mean for 2002 Swinburne graduates	7.4

Current employment:

	Percentage	Responses (n)
Respondents in paid employment at June/July 2004	0%	0/4
Total respondents in unpaid work (inc. those with paid work or study)	25%	1/4

Further education

All four respondents were enrolled in further full-time study at Swinburne at the time of the survey, in related bachelor degree programs.

Additional qualitative information

List three things you gained personally from doing the course.

(NB Responses were grouped into 9 categories as indicated in the summary table below.)

1. Qualifications	2	6. Career Path	1
2. Knowledge and Skills	2	7. Industry Understanding or experience	0
3. Connection with teachers & other students	0	8. Other	0
4. Satisfaction	0	9. No gain	0
5. Confidence	1	Total Comments (Up to 3 per respondent)	6

Category	Survey	Gained personally from doing the course
1	186	Getting Diploma
1	186	Finishing a 2 year course
2	184	Better skills
2	186	Understanding broad range of IT
5	184	More confidence
6	184	Pathway into university

Suggest three things that you believe are the most important things that Swinburne should do to improve the course.

(NB Responses were grouped into 8 categories as indicated in the summary table below.)

1. Course Structure	1	6. Practical Industry Experience	0
2. Course Content	0	7. Happy – No comment	1
3. Course Administration	0	8. Other	0
4. Teaching Practice	1		
5. Facilities and Resources	0	Total Comments (Up to 3 per respondent)	3

Category	Survey	Suggested Improvements
1	184	Match up the information given in the TAFE course with the information used in the pathway university courses. I found that TAFE had skipped over some important basic topics, but also covered some more advanced topics at the same time.
4	185	Some of the teachers were not very good.
7	183	pretty good the way it is

Respondents who have indicated that they are willing to be contacted again to help Swinburne improve its courses.

(Graduate details are available on ASCOL.)

ID	Surname	Given Name	Year Graduated
2151111	Boyle	David	2003
9202722	Scarlett	Damien	2002

Graduate Destination Survey (Graduates from 2002 and 2003) Swinburne University of Technology – TAFE

#	Reason for study	Before the Course				After the Course							
		Unemp	Occupation	Tasks	Industry	Occupation	Tasks	Industry	FT/PT	Unpaid Work	Further Ed	Course	FT/PT
183	10	No									Degree	Applied science computing	F/T
184	10	No									Degree	Bachelor of Science (Computing)	F/T
185	1	-	casual - nursing home	assistant kitchen hand	aged care						Degree	Multimedia Software Development	F/T
186	1	Yes	Carer	Supervising disabled people	Human Services					Yes	Degree	Bach Comp	F/T

4. Diploma of Applied Science (Chemical Laboratory Technology) (SQLD3522/C)

Sample size	11	
Total responses	2 (18.2%)	
Responses by year	2002: 0	2003: 2

Summary:

This report provides information gathered through the Graduate Destination Survey conducted by SPS in June/July 2004. It includes summaries of the main reasons that respondents chose to do the Diploma of Applied Science (Chemical Laboratory Technology) course, their educational and work background, whether they felt they achieved their aims, their overall satisfaction with the course, and post-study work and educational outcomes. Although there were only two respondents, both felt that the course had provided experience and an understanding of industry. At the same time, these students felt that there could be improvements made to the course structure.

Before the course:

Main reason for doing the course (n = 2)

To get a job	
To develop an existing business	
To start a new business	
To get a different job	1
To get a better job	
It was a requirement of my job	
To get extra skills for my job	
To get into further study	1
Personal interest	
Other	

Respondents employed before the start of the course: 50% (1/2 respondents)

Educational background (N=2)

	Year 12	Year 11	Year 10	Year 9 or below
Highest Level of secondary schooling	2			

Qualifications prior to starting the course	
Completed TAFE Qualification	50% (n=2)
Completed Australian Higher Education Qualification	0% (n=2)
Started but did not complete Australian Higher Education Qualification	100% (n=2)

After the course:

Course satisfaction:

N=2	Yes	Partly	No
Did you achieve your main aim for doing the course?	1		1

How would you rank the quality of the course?

(1-2 = Poor, 3-4 Below Average, 5-6 Average, 7-8 Above Average, 9-10 Excellent)

Mean response for this course:	7.50 (N = 2)
Overall Swinburne mean all courses in this survey	7.84
NCVER mean for 2002 Swinburne graduates	7.4

Current employment:

	Percentage	Responses (n)
Respondents in paid employment at June/July 2004	50%	1/2
Total respondents in unpaid work (inc. those with paid work or study)	0%	0/2

Current job status	Full Time	Part Time	Casual	Other
	1	0	0	0

Current job related to the course?	Related	Somewhat related	Not related
	1	0	0

Current job's relationship to job before the course	Same as previous job	Similar to previous job	Promotion or other improvement	Not related to previous job	Not employed before course
	1	0	0	0	0

	Yes	Responses (n)
Did your TAFE course assist you to get this job?	0%	0/1
Did the course help you with the skills that you need in this job?	100%	1/1
Are you looking for additional work	0%	0/1
Are you looking for alternative work	100%	1/1

Further education

One of the two respondents was enrolled in further (full-time) study – at Swinburne in a related undergraduate degree program.

Respondents not in work or study:

Nil.

Listing of employment details before beginning the course.

Survey	Occupation	Main Tasks	Industry
372	Laboratory Technician	Quality control testing	Ink manufacture

Listing of employment details after completing the course.

Survey	Occupation	Main Tasks	Industry
372	Laboratory Technician	Quality control testing	Printing ink manufacture

Additional qualitative information

List three things you gained personally from doing the course.

(NB Responses were grouped into 9 categories as indicated in the summary table below.)

1. Qualifications	1	6. Career Path	0
2. Knowledge and Skills	0	7. Industry Understanding or experience	2
3. Connection with teachers & other students	0	8. Other	0
4. Satisfaction	0	9. No gain	0
5. Confidence	0	Total Comments (Up to 3 per respondent)	3

Category	Survey	Gained Personally from doing the course
1	372	A certificate - a piece of paper to mention on my resume
7	372	Experience with scientific instrumentation
7	372	(Minimal) extension to scientific knowledge - theoretical chemistry

List three things that you felt Swinburne did well in your time here.

(NB Responses were grouped into 8 categories as indicated in the summary table below.)

1. Course Structure	2	6. Practical Industry Experience	0
2. Course Content	0	7. Other	0
3. Course Administration	0	8. Negative Statement	0
4. Teaching Practice	1		
5. Facilities and Resources	0	Total Comments (Up to 3 per respondent)	3

Category	Survey	Things Swinburne did well
1	372	Practical learning - instrumentation
1	372	Recognition of other experience (RPL) - reduces time wasted on unnecessary subjects
4	372	Most subjects were well taught by proficient teachers

Suggest three things that you believe are the most important things that Swinburne should do to improve the course.

(NB Responses were grouped into 8 categories as indicated in the summary table below.)

1. Course Structure	0	6. Practical Industry Experience	0
2. Course Content	0	7. Happy – No comment	0
3. Course Administration	0	8. Other	0
4. Teaching Practice	0		
5. Facilities and Resources	1	Total Comments (Up to 3 per respondent)	1

Category	Survey	Suggested Improvements
5	373	new equipment

Respondents who have indicated that they are willing to be contacted again to help Swinburne improve its courses.

Graduate details are available on ASCOL.

ID	Surname	Given Name	Year Graduated
2020084	Lee	Kien	2003