

## Internal Transcript

Not an official transcript. For use within The University of Auckland only

**Name:** Lee Francis David Penkman  
**Student ID:** 1549759  
**Entrance Qualification:** 2009 Entrance from NCEA Level3

---

### Academic Programme History

**Programme:** Bachelor of Science  
Major in Computer Science  
16/06/2010 Active in Programme

**Programme:** Bachelor of Science  
Major in Computer Science  
29/12/2010 Active in Programme  
30/03/2012 Discontinued

### Beginning of Formal Award Record

<u>Programme</u>	<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
<b>'10 2ndSem</b> (19/07/2010 - 15/11/2010)						
Enrolled Full-Time						
BSC	COMPSCI	101	Principles of Programming	15.00	15.00	Pass A+
BSC	COMPSCI	111	Mastering Cyberspace: Introduction to Practical Computing	15.00	15.00	Pass A+
BSC	MATHS	108	General Mathematics 1	15.00	15.00	Pass A-
BSC	STATS	101	Introduction to Statistics	15.00	15.00	Pass B+
Term GPA		7.750	Term Totals	60.00	60.00	
Cumulative GPA		7.750	Cumulative Totals	60.00	60.00	
<b>'11 SumSem</b> (06/01/2011 - 16/02/2011)						
Enrolled Part-Time						
BSC	COMPSCI	105	Principles of Computer Science	15.00	15.00	Pass A+
Term GPA		9.000	Term Totals	15.00	15.00	
Cumulative GPA		8.000	Cumulative Totals	75.00	75.00	
<b>'11 1stSem</b> (28/02/2011 - 27/06/2011)						
Enrolled Full-Time						
BSC	COMPSCI	210	Computer Systems 1	15.00	15.00	Pass A-
BSC	COMPSCI	225	Discrete Structures in Mathematics and Computer Science	15.00	15.00	Pass A+
BSC	COMPSCI	230	Software Construction	15.00	15.00	Pass A+
BSC	COMPSCI	280	Enterprise Software Development	15.00	15.00	Pass A-
BSC	PHYSICS	140	Digital Fundamentals	15.00	15.00	Pass A+
Term GPA		8.200	Term Totals	75.00	75.00	

## Internal Transcript

Not an official transcript. For use within The University of Auckland only

**Name:** Lee Francis David Penkman  
**Student ID:** 1549759  
**Entrance Qualification:** 2009 Entrance from NCEA Level3

---

Cumulative GPA	8.100	Cumulative Totals	150.00	150.00
----------------	-------	-------------------	--------	--------

### '11 2ndSem (18/07/2011 - 14/11/2011)

Enrolled Full-Time

BSC	COMPSCI	215	Computer Systems 2	15.00	15.00	Pass A
BSC	COMPSCI	220	Algorithms and Data Structures	15.00	15.00	Pass A+
BSC	COMPSCI	335	Distributed Objects, Services, and Programming	15.00	15.00	Pass A+
BSC	MATHS	208	General Mathematics 2	15.00	15.00	Pass A-
BSC	PHIL	105G	Critical Thinking	15.00	15.00	Pass A-

Term GPA	8.000	Term Totals	75.00	75.00
Cumulative GPA	8.067	Cumulative Totals	225.00	225.00

### '12 1stSem (27/02/2012 - 25/06/2012)

Enrolled Full-Time

BSC	COMPSCI	350	Mathematical Foundations of Computer Science	15.00	15.00	Pass A
BSC	COMPSCI	351	Fundamentals of Database Systems	15.00	15.00	Pass A-
BSC	COMPSCI	369	Computational Science	15.00	15.00	Pass A+
BSC	COMPSCI	373	Computer Graphics and Image Processing	15.00	15.00	Pass A
BSC	EDUC	121G	How People Learn	15.00	15.00	Pass B

Term GPA	7.400	Term Totals	75.00	75.00
Cumulative GPA	7.900	Cumulative Totals	300.00	300.00

### Prizes and Scholarships:

Kiwiplan Scholarship  
First in Course Award in COMPSCI 369

### '12 2ndSem (16/07/2012 - 12/11/2012)

Enrolled Full-Time

BSC	COMPSCI	314	Modern Data Communications	15.00	15.00	Pass B
BSC	COMPSCI	320	Applied Algorithmics	15.00	15.00	Pass A
BSC	COMPSCI	340	Operating Systems	15.00	15.00	Pass A-
BSC	COMPSCI	367	Artificial Intelligence	15.00	15.00	Pass A

Term GPA	7.000	Term Totals	60.00	60.00
Cumulative GPA	7.750	Cumulative Totals	360.00	360.00

**End of Formal Award Record**

**End of Internal Transcript**