

**North Dakota State University**  
**Unofficial Transcript Student Self Service**

**Name:** Matti Maurice Kariluoma  
**Student ID:** 0637244

**Print Date:** 2014-06-24  
**Institution Info:** North Dakota State University

**Test Credits**

AP-Calculus BC	Composite	2006-06-25	4.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
MATH 166	Calculus II		4.000	S	
MATH 165	Calculus I		4.000	S	
AP-U.S. Government &	Composite	2006-06-25	4.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
POLS 115	American Government		3.000	S	
AP-English Literature	Composite	2006-06-25	4.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
ENGL 220	Introduction to Literature		3.000	S	
ENGL 110	College Composition I		3.000	S	
AP-Physics B	Composite	2006-06-25	4.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
TRNSFR 100	Transfer Course		3.000	S	
AP-Computer Science	Composite	2006-07-13	5.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
CSCI 161	Computer Science II		4.000	S	
CSCI 160	Computer Science I		4.000	S	
AP-Chemistry	Composite	2008-12-12	4.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
CHEM 121L	General Chemistry I Laboratory		1.000	S	
CHEM 121	General Chemistry I		3.000	S	
AP-US History	Composite	2008-12-12	3.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
HIST 104	U.S. Since 1877		3.000	S	
HIST 103	U.S. To 1877		3.000	S	
AP-Psychology	Composite	2008-12-12	5.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
PSYC 111	Introduction To Psychology		3.000	S	
Placement Exam - Fre	Placement Exam - French		0.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
FREN 101	First-Year French I		4.000	P	
Placement Exam - Fre	Placement Exam - French		0.00		
<b>Transferred to Term 2009 Spring as</b>					
<u>Course</u>	<u>Description</u>		<u>Earned</u>	<u>Grade</u>	
FREN 102	First-Year French II		4.000	P	

**Transfer Credits**

**Transfer Credit from Bismarck State College**

Incoming Course					
CSCI 160	COMPUTER SCIENCE I	4.000	A	2005 Spring	
<b>Transferred to Term 2006 Fall as</b>					
ECE 173	Introduction to Computing	4.000	A		

**Beginning of Undergraduate Record**

**2006 Fall**

**Program:** Computer Science  
**Plan:** BS-Computer Science  
**Plan:** Major-Mathematics

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI 116	Business Use of Computers	4.000	4.000	A	16.000
CSCI 214	Self-Paced C	1.000	1.000	B	3.000
CSCI 235	Theoretical Computer Science I	3.000	3.000	A	12.000
ECON 201	Principles Of Microeconomics	3.000	3.000	A	12.000
HPER 100	Concepts/Fitness & Wellness	2.000	2.000	B	6.000

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Term GPA:	3.769	Term Totals:	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Cum GPA:	3.769	Cum Totals:	13.000	13.000	13.000	49.000
Term Honor:	Dean's List		17.000	17.000	13.000	49.000

**2007 Spring**

Program: Computer Science  
 Plan: BS-Computer Science  
 Plan: Major-Mathematics

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
ACCT 102	Fundamentals Of Accounting	3.000	3.000	A	12.000
CSCI 236	Theoretical Computer Sci II	3.000	3.000	B	9.000
CSCI 373	Assembly Programming	3.000	3.000	A	12.000
ECON 202	Principles Of Macroeconomics	3.000	3.000	A	12.000
HNES 112	Activity II	1.000	1.000	A	4.000
	Course Topic: Rock Climbing				
MATH 265	Calculus III	4.000	0.000	C	0.000
	Repeated: Repeat Excluded				
MATH 270	Intro/Abstract Mathematics	3.000	3.000	B	9.000

Term GPA:	3.625	Term Totals:	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Cum GPA:	3.690	Cum Totals:	20.000	16.000	16.000	58.000
			37.000	33.000	29.000	107.000

**2007 Summer**

Program: Computer Science  
 Plan: BS-Computer Science  
 Plan: Major-Mathematics

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
ECON 105	Elements Of Economics	3.000	3.000	A	12.000

Term GPA:	4.000	Term Totals:	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Cum GPA:	3.719	Cum Totals:	3.000	3.000	3.000	12.000
			40.000	36.000	32.000	119.000

**2007 Fall**

Program: Computer Science  
 Plan: BA-Computer Science  
 Plan: Major-Mathematics  
 Plan: Minor Business Administration

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
BUSN 360	Foundations of Marketing	3.000	3.000	B	9.000
CSCI 159	Computer Sci Problem Solving	3.000	0.000	W	0.000
CSCI 372	Comparative Programming Lang	3.000	3.000	A	12.000
CSCI 474	Operating Systems Concepts	3.000	3.000	B	9.000
PHIL 101	Introduction To Philosophy	3.000	3.000	B	9.000
PHIL 215	Contemporary Moral Issues	3.000	3.000	B	9.000

Term GPA:	3.200	Term Totals:	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Cum GPA:	3.553	Cum Totals:	15.000	15.000	15.000	48.000
			55.000	51.000	47.000	167.000

**2008 Spring**

Program: Computer Science  
 Plan: BA-Computer Science  
 Plan: Major-Mathematics  
 Plan: Minor Business Administration

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
BUSN 350	Foundations of Management	3.000	3.000	C	6.000
CSCI 316	System Testing & Maintenance	3.000	3.000	A	12.000
CSCI 418	Simulation Models	3.000	3.000	A	12.000
CSCI 467	Algorithm Analysis	3.000	3.000	A	12.000
ENGL 120	College Composition II	3.000	3.000	A	12.000

Term GPA:	3.600	Term Totals:	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Cum GPA:	3.565	Cum Totals:	15.000	15.000	15.000	54.000
Term Honor:	Dean's List		70.000	66.000	62.000	221.000

**2008 Summer**

Program: Computer Science  
 Plan: BA-Computer Science  
 Plan: Major-Mathematics  
 Plan: Minor Business Administration

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI 122	Visual BASIC	3.000	3.000	A	12.000
HNES 111	Wellness	3.000	0.000	W	0.000

Term GPA:	4.000	Term Totals:	<u>Attempted</u>	<u>Earned</u>	<u>GPA Units</u>	<u>Points</u>
Cum GPA:	3.585	Cum Totals:	3.000	3.000	3.000	12.000
			73.000	69.000	65.000	233.000

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**2008 Fall**

Program: Computer Science  
 Plan: BA-Computer Science  
 Plan: Major-Mathematics  
 Plan: Minor Business Administration

Course	Description	Attempted	Earned	Grade	Points
BUSN 430	Legal/Social Environment/Busn	3.000	3.000	A	12.000
CSCI 426	Intro/Artificial Intelligence	3.000	3.000	A	12.000
ENGR 312	Impact/Technology/Society	3.000	3.000	A	12.000
MATH 266	Intro/Differential Equations	3.000	3.000	C	6.000
MATH 429	Linear Algebra	3.000	3.000	B	9.000
STAT 367	Probability	3.000	3.000	A	12.000

Term GPA:	3.500	Term Totals:	Attempted 18.000	Earned 18.000	GPA Units 18.000	Points 63.000
Cum GPA:	3.566	Cum Totals:	91.000	87.000	83.000	296.000
Term Honor:	Dean's List					

**2009 Spring**

Program: Computer Science  
 Plan: BA-Computer Science  
 Plan: Major-Mathematics  
 Plan: Minor Business Administration

Course	Description	Attempted	Earned	Grade	Points
BIOL 150	General Biology I	3.000	3.000	B	9.000
BIOL 150L	General Biology I Laboratory	1.000	1.000	A	4.000
BUSN 351	Found/Organizational Behavior	3.000	3.000	A	12.000
CHEM 122	General Chemistry II	3.000	3.000	A	12.000
CHEM 122L	General Chemistry II Laborator	1.000	1.000	A	4.000
CSCI 159	Computer Sci Problem Solving	3.000	3.000	A	12.000
CSCI 374	Computer Organization/Archi	3.000	3.000	A	12.000
MATH 265	Calculus III	4.000	4.000	A	16.000
STAT Repeated: 368	Repeat Included Statistics	3.000	3.000	B	9.000

Term GPA:	3.750	Term Totals:	Attempted 24.000	Earned 24.000	GPA Units 24.000	Points 90.000
Cum GPA:	3.607	Cum Totals:	164.000	160.000	107.000	386.000
Term Honor:	Dean's List					

**2009 Fall**

Program: Computer Science  
 Plan: BA-Computer Science  
 Plan: Major-Mathematics  
 Plan: Minor Business Administration

Course	Description	Attempted	Earned	Grade	Points
BUSN 431	Busn Law I-Contracts,Prop/Tort	3.000	3.000	B	9.000
CHEM 341	Organic Chemistry I	3.000	0.000	W	0.000
COMM 110	Fundamentals/ Public Speaking	3.000	3.000	B	9.000
CSCI 458	Microcomputer Graphics	3.000	3.000	A	12.000
ENGL 321	Writing/Tech Professions	3.000	3.000	A	12.000
FREN 201	Second-Year French I	3.000	3.000	B	9.000
MATH 420	Abstract Algebra I	3.000	3.000	C	6.000

Term GPA:	3.167	Term Totals:	Attempted 18.000	Earned 18.000	GPA Units 18.000	Points 57.000
Cum GPA:	3.544	Cum Totals:	182.000	178.000	125.000	443.000

**2010 Spring**

Program: Computer Science  
 Plan: BA-Computer Science  
 Plan: Major-Mathematics  
 Plan: Minor Business Administration

Course	Description	Attempted	Earned	Grade	Points
BUSN 352	Operations Management	3.000	3.000	B	9.000
CSCI 489	Social Implications/Computers	3.000	3.000	A	12.000
CSCI 494	Individual Study	3.000	3.000	A	12.000
Course Topic:	Adv Database Research Project				
FREN 202	Second-Year French II	3.000	3.000	B	9.000
MATH 421	Abstract Algebra II	3.000	3.000	C	6.000
MATH 436	Combinatorics	3.000	3.000	B	9.000
MATH 481	Fourier Analysis	3.000	3.000	C	6.000
MATH 491	Seminar	2.000	2.000	A	8.000

Term GPA:	3.087	Term Totals:	Attempted 23.000	Earned 23.000	GPA Units 23.000	Points 71.000
Cum GPA:	3.473	Cum Totals:	205.000	201.000	148.000	514.000

**Degrees Awarded**

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Degree: Bachelor of Arts  
Confer Date: 2010-05-14  
Degree GPA: 3.473  
Plan: Computer Science  
Plan: Mathematics  
Plan: Minor Business Administration

**Undergraduate Career Totals**

Cum GPA:	3.473	Cum Totals:	205.000	201.000	148.000	514.000
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End of Unofficial Transcript Student Self Service

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**Student ID:** 0637244

**Print Date:** 2014-06-24  
**Institution Info:** North Dakota State University

**Beginning of Graduate Record**

**2012 Spring**

<b>Program:</b>	Computer Science					
<b>Plan:</b>	MS-Computer Science					
<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI	724	Survey/Artificial Intelligence	3.000	3.000	A	12.000
CSCI	778	Computer Networks	3.000	3.000	A	12.000
CSCI	790	Graduate Seminar	1.000	1.000	S	0.000
<b>Course Topic:</b>	EDUCATIONAL MEDIA					
<b>Term GPA:</b>	4.000	<b>Term Totals:</b>	<u>Attempted</u> 7.000	<u>Earned</u> 7.000	<u>GPA Units</u> 6.000	<u>Points</u> 24.000
<b>Cum GPA:</b>	4.000	<b>Cum Totals:</b>	7.000	7.000	6.000	24.000

**2012 Summer**

<b>Program:</b>	Computer Science					
<b>Plan:</b>	MS-Computer Science					
<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI	774	Topics/Digital Enterprise	3.000	3.000	A	12.000
<b>Term GPA:</b>	4.000	<b>Term Totals:</b>	<u>Attempted</u> 3.000	<u>Earned</u> 3.000	<u>GPA Units</u> 3.000	<u>Points</u> 12.000
<b>Cum GPA:</b>	4.000	<b>Cum Totals:</b>	10.000	10.000	9.000	36.000

**2012 Fall**

<b>Program:</b>	Computer Science					
<b>Plan:</b>	MS-Computer Science					
<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI	741	Algorithm Analysis	3.000	3.000	B	9.000
CSCI	790	Graduate Seminar	1.000	1.000	S	0.000
<b>Course Topic:</b>	Intelligent Systems					
<b>Term GPA:</b>	3.000	<b>Term Totals:</b>	<u>Attempted</u> 4.000	<u>Earned</u> 4.000	<u>GPA Units</u> 3.000	<u>Points</u> 9.000
<b>Cum GPA:</b>	3.750	<b>Cum Totals:</b>	14.000	14.000	12.000	45.000

**2013 Spring**

<b>Program:</b>	Computer Science					
<b>Plan:</b>	MS-Computer Science					
<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI	765	Introduction To Database Syste	3.000	3.000	A	12.000
CSCI	793	Individual Study/Tutorial	3.000	3.000	A	12.000
<b>Course Topic:</b>	Cloud Computing					
CSCI	798	Masters Thesis	3.000	3.000	S	0.000
<b>Term GPA:</b>	4.000	<b>Term Totals:</b>	<u>Attempted</u> 9.000	<u>Earned</u> 9.000	<u>GPA Units</u> 6.000	<u>Points</u> 24.000
<b>Cum GPA:</b>	3.833	<b>Cum Totals:</b>	23.000	23.000	18.000	69.000

**2013 Summer**

<b>Program:</b>	Computer Science					
<b>Plan:</b>	MS-Computer Science					
<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI	798	Masters Thesis	5.000	5.000	S	0.000
<b>Term GPA:</b>	0.000	<b>Term Totals:</b>	<u>Attempted</u> 5.000	<u>Earned</u> 5.000	<u>GPA Units</u> 0.000	<u>Points</u> 0.000
<b>Cum GPA:</b>	3.833	<b>Cum Totals:</b>	28.000	28.000	18.000	69.000

**2013 Fall**

<b>Program:</b>	Computer Science					
<b>Plan:</b>	MS-Computer Science					
<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI	688	Human-Computer Interaction	3.000	3.000	B	9.000
CSCI	713	Software Development Processes	3.000	3.000	A	12.000
CSCI	715	Software Requirements/Del/Anal	3.000	3.000	A	12.000
<b>Term GPA:</b>	3.667	<b>Term Totals:</b>	<u>Attempted</u> 9.000	<u>Earned</u> 9.000	<u>GPA Units</u> 9.000	<u>Points</u> 33.000
<b>Cum GPA:</b>	3.778	<b>Cum Totals:</b>	37.000	37.000	27.000	102.000

Academic Standing: Full Standing

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**2014 Spring**

Program: Computer Science  
Plan: MS-Computer Science

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
CSCI	798	Masters Thesis	1.000	1.000	S	0.000
Term GPA:		0.000	Term Totals:	1.000	Earned	0.000
Cum GPA:		3.778	Cum Totals:	38.000	GPA Units	102.000
Academic Standing: Full Standing						

**Degrees Awarded**

Degree: Master of Science  
Confer Date: 2014-05-16  
Degree GPA: 3.778  
Plan: Computer Science

<b>Graduate Career Totals</b>						
Cum GPA:		3.778	Cum Totals:	38.000	38.000	27.000 102.000

End of Unofficial Transcript Student Self Service