



Name: Jorge Penaloza Giraldo
Student ID: 702452861 Birthdate: Jan-26

Issued 06/21/2024
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Degrees Awarded
Degree: Doctor of Philosophy
Date Conferred: May 25, 2024
Plan: Civil Engineering
Sub-Plan: Coastal Engineering

Beginning of Graduate Record

2018 Fall Semester

Program: Engineering
Plan: Civil Engineering Doctor of Philosophy

Course	Title	Earned Hrs	Grade	Quality Pts
ADMN 560	GRADUATE CONTRACT	0.000	NR	0.000
Topic:	RESEARCH ASSISTANT			
CIEG 639	OCEAN FLUID DYNAMICS	3.000	B+	9.999
CIEG 672	WATER WAVE MECHANICS	3.000	B	9.000
CIEG 865	CIVIL ENGINEERING SEMINAR	0.000	P	0.000
Topic:	CIVIL ENGINEERING OCEAN			
MEEG 690	INTERMEDIATE ENG MATHEMATICS	3.000	B	9.000
Term GPA	3.111 Term Totals	9.000		27.999
Cum GPA	3.111 Cum Totals	9.000		27.999

2019 Spring Semester

Program: Engineering
Plan: Civil Engineering Doctor of Philosophy

Course	Title	Earned Hrs	Grade	Quality Pts
ADMN 560	GRADUATE CONTRACT	0.000	NR	0.000
CIEG 661	INTRODUCTION TO OCEAN MODELING	3.000	A-	11.001
CIEG 678	TRANSPORT AND MIXING PROCESSES	3.000	B+	9.999
CIEG 682	NEARSHORE HYDRODYNAMICS	3.000	A	12.000
CIEG 865	CIVIL ENGINEERING SEMINAR	0.000	P	0.000
Topic:	CIVIL ENGINEERING OCEAN			
CIEG 868	RESEARCH	3.000	A	12.000
Term GPA	3.750 Term Totals	12.000		45.000
Cum GPA	3.476 Cum Totals	21.000		72.999

2019 Summer

Program: Engineering
Plan: Civil Engineering Doctor of Philosophy

Course	Title	Earned Hrs	Grade	Quality Pts
ADMN 560	GRADUATE CONTRACT	0.000	NR	0.000
Topic:	RESEARCH ASSISTANT			
CIEG 868	RESEARCH	3.000	A	12.000
UNIV 554	GRADUATE INTERNSHIP SEMESTER	0.000	NR	0.000
Term GPA	4.000 Term Totals	3.000		12.000
Cum GPA	3.542 Cum Totals	24.000		84.999

2019 Fall Semester

Program: Engineering
Plan: Civil Engineering Doctor of Philosophy

Course	Title	Earned Hrs	Grade	Quality Pts
ADMN 560	GRADUATE CONTRACT	0.000	NR	0.000
Topic:	TEACHING ASSISTANT			
CIEG 670	PHYSICS OF COHESIVE SEDIMENT	3.000	A-	11.001
CIEG 865	CIVIL ENGINEERING SEMINAR	0.000	P	0.000
Topic:	CIVIL ENGINEERING OCEAN			
CIEG 868	RESEARCH	6.000	A	24.000
MAST 811	OCEANOGRAPHIC TIME SERIES ANAL	3.000	A	12.000
Term GPA	3.917 Term Totals	12.000		47.001
Cum GPA	3.667 Cum Totals	36.000		132.000

2020 Winter

Program: Engineering
Plan: Civil Engineering Doctor of Philosophy

Course	Title	Earned Hrs	Grade	Quality Pts
UNIV 604	RESEARCH ETHICS	0.000	P	0.000
Term GPA	0.000 Term Totals	0.000		0.000
Cum GPA	3.667 Cum Totals	36.000		132.000


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2020 Spring Semester									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course		Title		Earned Hrs		Grade		Quality Pts	
ADMN	560	GRADUATE CONTRACT		0.000		NR		0.000	
CIEG	675	MATLAB FOR ENGINEERING		3.000		A		12.000	
CIEG	681	WATER WAVE SPECTRA		3.000		A		12.000	
CIEG	865	CIVIL ENGINEERING SEMINAR		0.000		P		0.000	
Topic:		CIVIL ENGINEERING OCEAN							
CIEG	868	RESEARCH		6.000		A		24.000	
				Attempted		Earned		Quality Hrs	
Term GPA		4.000		Term Totals		12.000		12.000	
				12.000				48.000	
Cum GPA		3.750		Cum Totals		48.000		48.000	
						48.000		180.000	

2020 Summer									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course		Title		Earned Hrs		Grade		Quality Pts	
ADMN	560	GRADUATE CONTRACT		0.000		NR		0.000	
Topic:		RESEARCH ASSISTANT							
CIEG	868	RESEARCH		3.000		A		12.000	
Term GPA		4.000		Term Totals		3.000		3.000	
Cum GPA		3.765		Cum Totals		51.000		51.000	
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2020 Fall Semester									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course		Title		Earned Hrs		Grade		Quality Pts	
ADMN	560	GRADUATE CONTRACT		0.000		NR		0.000	
Topic:		RESEARCH ASSISTANT							
CIEG	868	RESEARCH		6.000		A		24.000	
CPEG	667	SEMINAR		3.000		A		12.000	
Topic:		COMPU & DATA-INTSV RSCH & APPL							
				<u>Attempted</u>		<u>Earned</u>		<u>Quality Hrs</u>	
Term GPA				4.000		9.000		9.000	
Cum GPA				3.800		60.000		228.000	
Term Totals				9.000		60.000		36.000	
Cum Totals				60.000		60.000		228.000	

2021 Spring Semester									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course		Title		Earned Hrs		Grade		Quality Pts	
ADMN	560	GRADUATE CONTRACT		0.000		NR		0.000	
CIEG	642	ADVANCED DATA ANALYSIS		3.000		A		12.000	
CIEG	865	CIVIL ENGINEERING SEMINAR		0.000		P		0.000	
Topic:		CIVIL ENG OCEAN/COASTAL							
CIEG	969	DOCTORAL DISSERTATION		9.000		P		0.000	
Term GPA				4.000	Term Totals		12.000		12.000
Cum GPA				3.810	Cum Totals		72.000		240.000

2021 Summer									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
<u>Course</u>		<u>Title</u>		<u>Earned Hrs</u>		<u>Grade</u>	<u>Quality Pts</u>		
ADMN	560	GRADUATE CONTRACT		0.000		NR	0.000		
Topic:		RESEARCH ASSISTANT							
CIEG	868	RESEARCH		3.000		A	12.000		
Term GPA		4.000	Term Totals		<u>Attempted</u>	<u>Earned</u>	<u>Quality Hrs</u>	<u>Points</u>	
					3.000	3.000	3.000	12.000	
Cum GPA		3.818	Cum Totals		75.000	75.000	66.000	252.000	

2021 Fall Semester									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course		Title		Earned Hrs		Grade		Quality Pts	
ADMN	561	GRADUATE CONTRACT		0.000		NR		0.000	
Topic:		RESEARCH ASSISTANT							
CIEG	865	CIVIL ENGINEERING SEMINAR		0.000		P		0.000	
Topic:		CIVIL ENG OCEAN/COASTAL							
UNIV	999	DOCTORAL SUSTAINING		0.000		NR		0.000	
Term GPA		0.000	Term Totals	Attempted	Earned	Quality Hrs		Points	
				0.000	0.000	0.000		0.000	
Cum GPA		3.818	Cum Totals	75.000	75.000	66.000		252.000	

Admitted to doctoral candidacy, September 1, 2021


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2022 Spring Semester									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course	Title		Earned Hrs	Grade	Quality Pts				
ADMN 561	GRADUATE CONTRACT		0.000	NR	0.000				
CIEG 865	CIVIL ENGINEERING SEMINAR		0.000	P	0.000				
GRCO 667	SEMINAR		0.000	W	0.000				
Topic: UNIV 999	GRADUATE COMMUNICATION SKILLS DOCTORAL SUSTAINING		0.000	NR	0.000				
Term GPA	0.000	Term Totals	0.000	0.000	0.000	0.000			
Cum GPA	3.818	Cum Totals	75.000	75.000	66.000	252.000			

2022 Summer									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course	Title		Earned Hrs	Grade	Quality Pts				
ADMN 561	GRADUATE CONTRACT		0.000	NR	0.000				
Topic: UNIV 999	RESEARCH ASSISTANT DOCTORAL SUSTAINING		0.000	NR	0.000				
Term GPA	0.000	Term Totals	0.000	0.000	0.000	0.000			
Cum GPA	3.818	Cum Totals	75.000	75.000	66.000	252.000			

2022 Fall Semester									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course	Title		Earned Hrs	Grade	Quality Pts				
ADMN 561	GRADUATE CONTRACT		0.000	NR	0.000				
Topic: CIEG 865	RESEARCH ASSISTANT CIVIL ENGINEERING SEMINAR		0.000	P	0.000				
UNIV 999	DOCTORAL SUSTAINING		0.000	NR	0.000				
Term GPA	0.000	Term Totals	0.000	0.000	0.000	0.000			
Cum GPA	3.818	Cum Totals	75.000	75.000	66.000	252.000			

2023 Spring Semester									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course	Title		Earned Hrs	Grade	Quality Pts				
ADMN 561	GRADUATE CONTRACT		0.000	NR	0.000				
CIEG 865	CIVIL ENGINEERING SEMINAR		0.000	P	0.000				
UNIV 999	DOCTORAL SUSTAINING		0.000	NR	0.000				
Term GPA	0.000	Term Totals	0.000	0.000	0.000	0.000			
Cum GPA	3.818	Cum Totals	75.000	75.000	66.000	252.000			

2023 Summer									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course	Title		Earned Hrs	Grade	Quality Pts				
ADMN 561	GRADUATE CONTRACT		0.000	NR	0.000				
Topic: UNIV 999	RESEARCH ASSISTANT DOCTORAL SUSTAINING		0.000	NR	0.000				
Term GPA	0.000	Term Totals	0.000	0.000	0.000	0.000			
Cum GPA	3.818	Cum Totals	75.000	75.000	66.000	252.000			

2023 Fall Semester									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course	Title		Earned Hrs	Grade	Quality Pts				
ADMN 561	GRADUATE CONTRACT		0.000	NR	0.000				
Topic: UNIV 999	RESEARCH ASSISTANT DOCTORAL SUSTAINING		0.000	NR	0.000				
Term GPA	0.000	Term Totals	0.000	0.000	0.000	0.000			
Cum GPA	3.818	Cum Totals	75.000	75.000	66.000	252.000			

2024 Spring Semester									
Program:		Engineering							
Plan:		Civil Engineering Doctor of Philosophy							
Course	Title		Earned Hrs	Grade	Quality Pts				
ADMN 561	GRADUATE CONTRACT		0.000	NR	0.000				
UNIV 999	DOCTORAL SUSTAINING		0.000	NR	0.000				
Term GPA	0.000	Term Totals	0.000	0.000	0.000	0.000			
Cum GPA	3.818	Cum Totals	75.000	75.000	66.000	252.000			

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Graduate Career Totals

Cum GPA	3.818	Cum Totals	75.000	75.000	66.000	252.000
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End of OFFICIAL TRANSCRIPT



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24N0-KQA5-JZ00

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THE FACULTY OF THE UNIVERSITY OF DELAWARE
WITH THE APPROBATION OF THE BOARD OF TRUSTEES
HEREBY ADMIT

Jorge Alberto Penalosa Giraldo

TO THE DEGREE OF

Doctor of Philosophy

WITH ALL THE RIGHTS, HONORS, AND PRIVILEGES THERETO APPERTAINING,
GIVEN UNDER THE SEAL OF THE UNIVERSITY AT NEWARK, DELAWARE,
THIS TWENTY-FIFTH DAY OF MAY, TWO THOUSAND AND TWENTY-FOUR.

Dennis Assanis

PRESIDENT

Harve A. Carlson

PROVOST



Teri L. Kelly

CHAIR OF THE BOARD OF TRUSTEES

Beth G. Brand

UNIVERSITY SECRETARY



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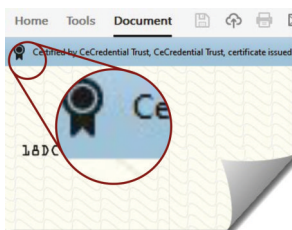
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