Name: **Needles,Clarke William**
Student ID: ▮▮▮▮▮▮
OEN: **996111258**

-------------- **Undergraduate Record** --------------

Academic Program History

06/12/2023:   Bachelor of Applied Science   Active in Program
    Major in General Engineering

02/20/2024:   Bachelor of Applied Science   Active in Program
    Major in Computer Engineering

2023 Fall

Course		Description	Units	Grade	Points
APSC	101	Engineering Design & Practice	3.50	C-	6.0
APSC	102	Experimentation	2.00	A	8.0
APSC	111	Physics I	3.30	A+	14.2
APSC	131	Chemistry of Eng. Materials	3.30	A	13.2
APSC	141	Intro. Computer Programming 1	0.80	A+	3.4
APSC	151	Earth Systems Engineering	3.30	B	9.9
APSC	162	Engineering Graphics	2.50	A	10.0
APSC	171	Calculus I	3.30	A+	14.2
APSC	199A	English Proficiency Engineers	0.00	NG	0.0
			Units	GPA Units	Points
Term GPA	3.59	Term Totals	22.00	22.00	78.9

2024 Winter

Course		Description	Units	Grade	Points
APSC	103	Eng Client Based Design Proj	3.50	B	10.5
APSC	112	Physics II	3.30	B+	10.9
APSC	132	Chem of Natural & Eng Systems	3.30	B	9.9
APSC	142	Intro. Computer Programming 2	2.50	A	10.0
APSC	172	Calculus II	3.30	A	13.2
APSC	174	Introduction To Linear Algebra	3.30	B-	8.9
APSC	182	Applied Engineering Mechanics	1.70	A-	6.3
APSC	199B	English Proficiency Engineers	0.20	P	0.0
			Units	GPA Units	Points
Term GPA	3.33	Term Totals	21.10	20.90	69.7

Dean's Scholar

2024 Fall

Course		Description	Units	Grade	Points
ELEC	221	Electric Circuits	4.25	A-	15.7
ELEC	271	Digital Systems	4.00	A-	14.8
ELEC	278	Fundamentals of Info Structure	4.00	B-	10.8
ELEC	290	ECE Design and Practice	5.00	A-	18.5
MTHE	235	Diff Equations For Elec & Comp	3.50	A+	15.1
			Units	GPA Units	Points
Term GPA	3.61	Term Totals	20.75	20.75	74.9

2025 Winter

Course		Description	Units	Grade	Points
ELEC	252	Electronics I	4.25	B	12.8
ELEC	270	Discrete Math W. Comp Eng Appl	3.50	A	14.0
ELEC	274	Computer Architecture	4.00	B+	13.2
ELEC	279	Object Oriented Programming	4.00	A+	17.2
ELEC	280	Fund. Of Electromagnetics	3.75	B-	10.1
ELEC	292	Introduction to Data Science	3.00	A-	11.1

Labour disruption led to CR for some courses:
queensu.ca/registrar/transcripts/legends

			Units	GPA Units	Points
Term GPA	3.48	Term Totals	22.50	22.50	78.4

2025 Fall

Course		Description	Units	Grade	Points
ELEC	326	Probability & Random Processes			
ELEC	371	Microprocessor Systems			
ELEC	376	Software Dev Methodology			
ELEC	377	Operating Systems			
ELEC	379	Algorithms Eng Applications			

2026 Winter

Course		Description	Units	Grade	Points
APSC	221	Economic and Business Practice			
CMPE	332	Database Management Systems			
COMM	221	Introduction To Finance			
ELEC	373	Computer Networks			
ELEC	374	Digital Systems Engineering			
ELEC	392	Eng Design and Development			

Undergraduate Career Totals

Name: **Needles,Clarke William**
Student ID: **20424709**
OEN: **996111258**

Cum GPA: 3.50 Cum Totals 86.35 86.15 301.8

----- End of Transcript -----