

Name: John Auerbach
Student ID: 907738966

Undergraduate Official Transcript

SSN: ***-**-4978

Birthdate (MM/DD): 05/15

		Beginning of Undergraduate Record			Fall 2019			Fall 2020		
Program:	Plan:	Engineering	(PMAJ) Pre-Major	Attempted	Grade	Points	Term GPA	Attempted	Grade	Points
Course:		Description		Earned			Cum GPA	Earned		
ASTRO	7N	Artistic Universe	3.000	A-		11.010	3.670	7.000	V	0.000
CHEM	110	Chem Princ I	3.000	LD		0.000	Transfer Cum GPA	10.000	C	8.000
Repeated:		Attempt					Transfer Totals	0.000		
ECON	102	Microeconomic Analysis	0.000	LD		0.000	Combined GPA	10.000	0.000	
EDSGN	11	Explore Design Fys	1.000	A-		3.670	2.000	10.000	4.000	8.000
Course Attributes:		First-Year Seminar					Term Totals	0.000		
ENGL	15	Rhetoric and Comp	3.000	A-		11.010	3.060	17.000	11.000	33.690
MATH	230	Calc/Vector Analy	0.000	LD		0.000	Transfer Cum GPA	24.000	24.000	0.000
Term GPA		Term Totals	10.000	7.000		25.690	Combined Cum GPA	44.000	41.000	33.690
Transfer Term GPA		Transfer Totals	15.000	15.000		0.000				
Combined GPA		Comb Totals	25.000	22.000		7.000				

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		Spring 2021						Summer 2021						Spring 2022					
Program:	Plan:	Information Sciences and Tech			Term GPA			Term Totals			Attempted			GPA Units			Points		
Course	Description	Attempted	Earned	Grade	Points	Transfer Term GPA	Combined GPA	Cum GPA	Transfer Cum Totals	Transfer Totals	Attempted	Earned	GPA Units	Points					
CMPSC KINES 12	PROG & COMP I Snowboarding	3.000 1.500	3.000 1.500	A- A	11.010 6.000	4.000 4.000	Combined GPA	4.000 3.410	Term Totals Cum Totals	Transfer Totals Transfer Totals	9.000 51.500	9.000 48.500	9.000 42.500	36.000 145.030					
MATH 230	Calc/Vector Anal	4.000	4.000	B+	13.320	Cum GPA	3.410	Transfer Cum GPA	Transfer Totals	24.000	24.000	0.000	0.000	0.000					
PHIL 204	20th Cent Phil	3.000	3.000	A-	11.010	Transfer Cum GPA	3.410	Combined Cum GPA	Combined Totals	75.500	72.500	42.500	145.030						
PHYS 212	Elect. and Mag.	4.000	4.000	C	8.000														
THEA-SINGING 111	THEA-SINGING	3.000	3.000	A	12.000														
Term GPA	3.320	Term Totals	18.500	18.500	61.340														
Transfer Term GPA		Transfer Totals	0.000	0.000	0.000														
Combined GPA	3.320	Comb Totals	18.500	18.500	61.340														
		Program: Dean's List						Program: Dean's List						Program: Dean's List					
		Term Honor: Dean's List						Term Honor: Dean's List						Term Honor: Dean's List					
		Description (PMA) Pre-Major						Description (PMA) Pre-Major						Description (PMA) Pre-Major					
		Course						Course						Course					
		Description						Description						Description					
		Exper Chem I						Exper Chem I						Exper Chem I					
		Chem Princ II						Chem Princ II						Chem Princ II					
		Intro Modern Phys						Intro Modern Phys						Intro Modern Phys					
		Int/Elec and Magnet I						Int/Elec and Magnet I						Int/Elec and Magnet I					
		Th Mechanics						Th Mechanics						Th Mechanics					
		Course						Course						Course					
		Description						Description						Description					
		111						111						111					
		Course						Course						Course					
		112						112						112					
		Course						Course						Course					
		237						237						237					
		Course						Course						Course					
		400						400						400					
		Course						Course						Course					
		419						419						419					
		Term GPA						Term GPA						Term GPA					
		3.860						3.860						3.860					
		Term Totals						Term Totals						Term Totals					
		Transfer Term GPA						Transfer Term GPA						Transfer Term GPA					
		3.860						3.860						3.860					
		Transfer Totals						Transfer Totals						Transfer Totals					
		3.860						3.860						3.860					
		Combined GPA						Combined GPA						Combined GPA					
		Term Honor: Dean's List						Term Honor: Dean's List						Term Honor: Dean's List					
		Term GPA						Term GPA						Term GPA					
		3.860						3.860						3.860					
		Transfer Cum GPA						Transfer Cum GPA						Transfer Cum GPA					
		3.860						3.860						3.860					
		Combined Cum GPA						Combined Cum GPA						Combined Cum GPA					
		Term Honor: Dean's List						Term Honor: Dean's List						Term Honor: Dean's List					
		Term GPA						Term GPA						Term GPA					
		3.860						3.860						3.860					
		Transfer Cum Totals						Transfer Cum Totals						Transfer Cum Totals					
		3.860						3.860						3.860					
		Combined Cum Totals						Combined Cum Totals						Combined Cum Totals					
		Term GPA						Term GPA						Term GPA					
		3.860						3.860						3.860					
		Transfer Totals						Transfer Totals						Transfer Totals					
		3.860						3.860						3.860					

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		Fall 2022				Spring 2023				Term Honor: Dean's List			
		Program: Plan: Subplan:		Description		Attempted		Earned		GPA Units		Points	
Course		Term GPA	2.780	Term Totals	9,000	9,000	9,000	24,900	24,900	Term GPA	3.710	Term Totals	16,000
		Transfer Term GPA	2.780	Transfer Totals	0,000	0,000	0,000	0,000	0,000	Transfer Term GPA	0.000	Transfer Totals	0,000
		Combined GPA	2.780	Comb Totals	9,000	9,000	9,000	24,900	24,900	Combined GPA	3.710	Comb Totals	16,000
Cum GPA					Attempted	Earned	GPA Units	Points		Attempted	Earned	GPA Units	Points
		Cum GPA	3.420	Cum Totals	74,500	71,500	65,500	224,010	224,010	Cum GPA	3,430	Cum Totals	104,500
		Transfer Cum GPA	3.420	Transfer Totals	24,000	24,000	0,000	0,000	0,000	Transfer Cum GPA	24,000	Transfer Totals	95,500
		Combined Cum GPA	3.420	Comb Totals	98,500	95,500	65,500	224,010	224,010	Combined Cum GPA	3,430	Comb Totals	128,500
Program:	Science												
Plan:	Physics (BS) Major												
Subplan:	General												
Course		Description		Description		Attempted	Earned	Grade	Points	Program:		Science	
		ANTH	11	NA Archaeology	3,000	3,000	A	12,000	12,000	Program:		Physics (BS) Major	
		CHEM	113	Exper Chem II	1,000	1,000	B+	3,330	3,330	Subplan:		General	
		MATH	311W	Discrete Math	3,000	3,000	C+	6,990	6,990	Program:		Science	
		Course Attributes:		Writing Across the Curriculum						Subplan:		Mathematics (BS) Major	
		PHYS	410	Intr Quant Mths I	4,000	4,000	B+	13,320	13,320	Course		General	
		PHYS	479	Sp Gen Relativity	3,000	3,000	B	9,000	9,000	MATH	403	Analysis I	
		Term GPA	3.190	Term Totals	14,000	14,000	14,000	44,640	44,640	MATH	414	Intro Prob Theory	
		Transfer Term GPA	3.190	Transfer Totals	0,000	0,000	0,000	0,000	0,000	PHYS	457W	Experimental Phys	
		Combined GPA	3.190	Comb Totals	14,000	14,000	14,000	44,640	44,640	Course Attributes:	200	Writing Across the Curriculum	
Cum GPA					Attempted	Earned	GPA Units	Points		STAT		Element Statistics	
		Cum GPA	3.380	Cum Totals	88,500	85,500	79,500	268,650	268,650				4,000
		Transfer Cum GPA	3.380	Transfer Totals	24,000	24,000	0,000	0,000	0,000				A
		Combined Cum GPA	3.380	Comb Totals	112,500	109,500	79,500	268,650	268,650				16,000
Program:	Science												
Plan:	Physics (BS) Major												
Subplan:	General												
Course		Description		Description		Attempted	Earned	Grade	Points	Program:		Science	
		MATH	312	Real Analysis	3,000	3,000	A	12,000	12,000	Plan:		Physics (BS) Major	
		PHYS	420	Thermal Phys	3,000	3,000	B+	9,990	9,990	Subplan:		General	
		PHYS	444	Topcs in Critmp Phys	2,000	2,000	A	8,000	8,000	Program:		Science	
		PHYS	458	Innd Optics	4,000	4,000	A-	14,680	14,680	Subplan:		Mathematics (BS) Major	
		SOC	119N	Race, Ethnicity and Culture	4,000	4,000	A-	14,680	14,680	Course Attributes:	200	Writing Across the Curriculum	


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		Spring 2024					
		Description	Grade	Attempted	Earned	Grade	Points
Course							
Program: Plan:	Science Physics (BS) Major General						
Subplan: Program: Plan: Subplan:	Science Mathematics (BS) Major General						
Course	Description	Attempted	Earned	Grade	Points		
MATH 415	Intro Math Stat	3.000	3.000	B	9.000		
MATH 436	Linear Algebra	3.000	3.000	B+	9.990		
MATH 486	Math Thy of Games	3.000	3.000	B+	9.990		
PHYS 406	Subatomic Physics	3.000	3.000	A	12.000		
Term GPA	3.420 Term Totals	12.000	12.000			40.980	
Transfer Term GPA	Transfer Totals	0.000	0.000			0.000	
Combined GPA	3.420 Comb Totals	12.000	12.000			40.980	
Cum GPA	3.480 Cum Totals	129.500	126.500			419.000	
Transfer Cum GPA	Transfer Totals	24.000	24.000			0.000	
Combined Cum GPA	3.480 Comb Totals	153.500	150.500			419.000	
Undergraduate Career Totals							
Cum GPA:	3.480 Cum Totals	129.500	126.500			419.000	
Transfer Cum GPA	Transfer Totals	24.000	24.000			0.000	
Combined Cum GPA	3.480 Comb Totals	153.500	150.500			419.000	
Transfer Credit from North Idaho Coll		Transfer Credits					
Course	Description	Summer 2020	Attempted	Earned	Grade	Points	
TRN XFRGEN	TRN - General Transfer Credit	3.000	3.000	TR	0.000		
TRN XFRGEN	TRN - General Transfer Credit	3.000	3.000	TR	0.000		
TRN XFRGEN	TRN - General Transfer Credit	3.000	3.000	TR	0.000		
Course Trans GPA:	0.000 Transfer Totals:	9.000	9.000			0.000	
Test Credits		Test Credits					
Course	Description	FA 2019	Attempted	Earned	Grade	Points	
MATH 140	Calc Any Geom I	4.000	4.000	TR	0.000		
MATH 141	Calc Any Geom II	4.000	4.000	TR	0.000		
Course Trans GPA:	0.000 Transfer Totals:	15.000	15.000			0.000	

End of Undergraduate Official Transcript

Robert A. Kubat
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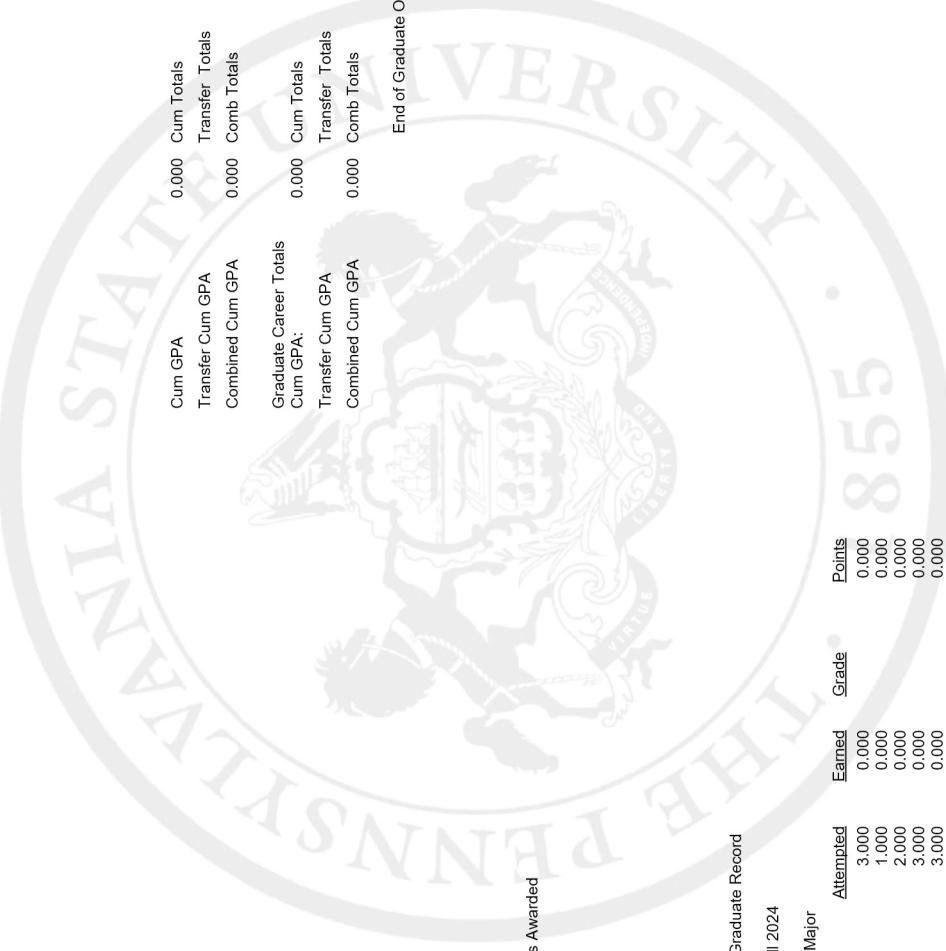
Name: John Auerbach
Student ID: 907738966

Graduate Official Transcript

SSN: ***-**-4978

Birthdate (MM/DD): 05/15

	Degrees Awarded							
Degree:	Bachelor of Science							
Confer Date:	05/04/2024							
Plan:	Physics (BS)							
Subplan:	General							
Degree:	Bachelor of Science							
Confer Date:	05/04/2024							
Plan:	Mathematics (BS)							
Subplan:	General							
Beginning of Graduate Record								
Program:	Engineering							
Plan:	Aerospace Engineering (PHD) Major							
Course	Description	Attempted	Earned	Grade	Points			
AERSP	508 Fdns of Fluid Mech	3.000	0.000		0.000			
AERSP	590 Colloquium	1.000	0.000		0.000			
AERSP	600 Thesis Research	2.000	0.000		0.000			
EMCH	524A Math Meths in Engr	3.000	0.000		0.000			
NUCE	497 Special Topics	3.000	0.000		0.000			
Course Topic:	Plasma Lab Tech	0.000	0.000		0.000			
Course Topic:	Special Topics	0.000	0.000		0.000			
Course Topic:	Plasma Lab Tech	0.000	0.000		0.000			
Fall 2024								
Term GPA	0.000 Term Totals	12.000	0.000		0.000			
Transfer Term GPA	Transfer Totals	0.000	0.000		0.000			
Combined GPA	Comb Totals	12.000	0.000		0.000			



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Office of the University Registrar

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University Park, PA 16802
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