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## Arizona State University Official Transcript

Name: Jacob W Knaup Student ID: 1208852537

> Jacob Knaup jknaup@asu.edu

						Course MAT 267	Description Calculus for Engineers	Attempted 3.000	<u>Earned</u> 3.000	<u>Grade</u> A+	<u>Points</u> 12.999
Print Date: External Degrees						MAI 267	III	3.000	3.000	A+	12.999
Campo Verde High School Diplo								<u>Attempted</u>	Earned		<b>Points</b>
riigir ochool bipit	onia 05/21/2015					Term GPA:	4.00 Term Totals	17.000	17.000		70.331
						Cum GPA:	4.00 Cum Totals	17.000	76.000		70.331
	Tro	nsfer Credits									
	4 transfer semester hours acce	epted as lower-		dit from two-y	ear institutions.		20	16 Spring			
Transfer Credit f	from Chandler-Gilbert Comr	nunity College	9			Course	<u>Description</u>	<u>Attempted</u>	<b>Earned</b>	<u>Grade</u>	<u>Points</u>
		<u>Attempted</u>	<b>Earned</b>		<u>Points</u>	EGR 102	Found of Eng Design Proj II	3.000	3.000	Α	12.000
Course Trans	0.000 Transfer Totals:	0.000	19.000		0.000	Note:	Honors Course				
GPA:			`	7/1	177	EGR 104	Crit Inquiry in Engineering	3.000	3.000	A+	12.999
		est Credits				HON 272	The Human Event	3.000	3.000	Α	12.000
Course	Description	2015 Sumr Attempted	Earned	Grade	Points	Note: MAT 275	Honors Course Modern Differential	3.000	3.000	A+	12.999
HST 110	United States Since 1865		3.000	Υ	18	1.5	Equations			Ат	
HST 109 ENG 101	United States to 1865 First-Year Composition		3.000	Y		PHY 121	Univ Physics I:	3.000	3.000	Α	12.000
ENG 214	English Grammar and		3.000	<b>Y</b> //-	DITAT	DEUS	Mechanics				
HST 101	Usage Global History Since 1500		3.000	YE	2 Section			<u>Attempted</u>	<b>Earned</b>		<u>Points</u>
MAT 270	Calculus w/Analytic		4.000	) Y 0		Term GPA:	4.00 Term Totals	15.000	15.000		61.998
Repeated:	Geometry I Repeat - Included in GPA a	nd Hours Farne	ed	71115	4 511	Cum GPA:	4.00 Cum Totals	32.000	91.000		132.329
PHY 111	General Physics		3.000	Υ							
PHY 113	General Physics Laboratory		1.000	Y	E S	13/1	2	2016 Fall			
STP 226	Elements of Statistics		3.000	Υ	1183	Course	Description	<u>Attempted</u>	<b>Earned</b>	<u>Grade</u>	<b>Points</b>
Course Trans	0.000 Transfer Totals:	0.000	26.000		0.000	EGR 201	Use-Inspired Design	3.000	3.000	A+	12.999
	0.000 Hansier Fotais.	0.000	20.000	/ II/							
GPA:						EGR 216	Project I EGR Electrical	3.000	3.000	A+	12.999
GPA:	T	net Cradite			• 70	050	EGR Electrical Fundamentals	3.000			
GPA:	To Description	est Credits Attempted	<u>Earned</u>	<u>Grade</u>		EGR 216 EGR 218	EGR Electrical	3.000 3.000	3.000	A+ A+	12.999 12.999
Course ECN 212	<u>Description</u> Microeconomic Principles		<u>Earned</u> 3.000	Y	• 70	EGR 218	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics	3.000 3.000	3.000	A+ A+	12.999 12.999
Course	<u>Description</u>		Earned		• 70	EGR 218	EGR Electrical Fundamentals Materials and Manufact Process	3.000	3.000	A+	12.999
Course ECN 212 MAT 270 Repeated:	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP.	Attempted	Earned 3.000 0.000 arned	Y	• 70	EGR 218 EGR 280 HON 394	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics	3.000 3.000	3.000	A+ A+	12.999 12.999
Course ECN 212 MAT 270	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic	Attempted	<b>Earned</b> 3.000 0.000	Y	• 70	EGR 280 HON 394 Note:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course	3.000 3.000 3.000	3.000 3.000 3.000	A+ A+ A	12.999 12.999 12.000
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics	Attempted	Earned 3.000 0.000 arned 4.000 3.000	Y Y Y	• 70	EGR 280 HON 394 Note:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course	3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000	A+ A+ A	12.999 12.999 12.000 12.999
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110 PHY 112	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics General Physics	Attempted	Earned 3.000 0.000 arned 4.000 3.000 3.000	Y Y	• 70	EGR 218 EGR 280 HON 394 Note: MAT 343	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra	3.000 3.000 3.000 3.000 Attempted	3.000 3.000 3.000 3.000 <b>Earned</b>	A+ A+ A	12.999 12.999 12.000 12.999 <b>Points</b>
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics	Attempted	Earned 3.000 0.000 arned 4.000 3.000	Y Y Y Y	• 70	EGR 218  EGR 280 HON 394 Note: MAT 343  Term GPA:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra	3.000 3.000 3.000 3.000 <u>Attempted</u> 18.000	3.000 3.000 3.000 3.000 <b>Earned</b> 18.000	A+ A+ A	12.999 12.999 12.000 12.999 Points 76.995
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110 PHY 112 PHY 114 Course Trans	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics General Physics General Physics	Attempted  A and Hours E	Earned 3.000 0.000 arned 4.000 3.000 3.000	Y Y Y Y	• 70	EGR 218  EGR 280 HON 394 Note: MAT 343  Term GPA:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals	3.000 3.000 3.000 3.000 <u>Attempted</u> 18.000	3.000 3.000 3.000 3.000 <b>Earned</b> 18.000	A+ A+ A	12.999 12.999 12.000 12.999 Points 76.995
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110 PHY 112 PHY 114	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics General Physics Laboratory  0.000 Transfer Totals:	Attempted  A and Hours E  0.000	Earned 3.000 0.000 arned 4.000 3.000 3.000 1.000	Y Y Y Y	Points	EGR 218  EGR 280 HON 394 Note: MAT 343  Term GPA:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals	3.000 3.000 3.000 3.000 <b>Attempted</b> 18.000 50.000	3.000 3.000 3.000 3.000 <b>Earned</b> 18.000	A+ A+ A	12.999 12.999 12.000 12.999 Points 76.995
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110 PHY 112 PHY 114 Course Trans	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics General Physics Laboratory	Attempted  A and Hours E  0.000	Earned 3.000 0.000 arned 4.000 3.000 3.000 1.000	Y Y Y Y	Points	EGR 218 EGR 280 HON 394 Note: MAT 343 Term GPA: Cum GPA:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  20  Description Use-Inspired Design	3.000 3.000 3.000 3.000 <b>Attempted</b> 18.000 50.000	3.000 3.000 3.000 3.000 <b>Earned</b> 18.000 109.000	A+ A+ A	12.999 12.999 12.000 12.999 Points 76.995 209.324
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110 PHY 112 PHY 114 Course Trans	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics General Physics Laboratory  0.000 Transfer Totals:	Attempted  A and Hours E  0.000	Earned 3.000 0.000 arned 4.000 3.000 3.000 1.000	Y Y Y Y	Points	EGR 218 EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  20  Description Use-Inspired Design Project II	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000	3.000 3.000 3.000 3.000 <b>Earned</b> 18.000 109.000 <b>Earned</b> 3.000	A+ A+ A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110 PHY 112 PHY 114 Course Trans	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geometry II Government and Politics General Physics Laboratory  O.000 Transfer Totals:  Beginning of the	Attempted  A and Hours E  0.000	Earned 3.000 0.000 arned 4.000 3.000 3.000 1.000	Y Y Y Y	Points	EGR 218 EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:  Course EGR 202 EGR 217	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  20  Description Use-Inspired Design Project II Engr Mechanics Fundamentals	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000 3.000	3.000 3.000 3.000 3.000 3.000  Earned 18.000 109.000  Earned 3.000 3.000	A+ A+ A+  Grade A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999 12.999
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110 PHY 112 PHY 114 Course Trans	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geometry II Government and Politics General Physics Laboratory  O.000 Transfer Totals:  Beginning of the	Attempted  A and Hours E  0.000  Undergraduate	Earned 3.000 0.000 arned 4.000 3.000 3.000 1.000	Y Y Y Y	Points	EGR 218 EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  20  Description Use-Inspired Design Project II Engr Mechanics	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000	3.000 3.000 3.000 3.000 <b>Earned</b> 18.000 109.000 <b>Earned</b> 3.000	A+ A+ A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110 PHY 112 PHY 114 Course Trans GPA:  Course ASU 101-CTI	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics General Physics Laboratory  0.000 Transfer Totals:  Beginning of the Calculus of the Calculus w/Analytic Beginning of th	Attempted  A and Hours E  0.000  Undergraduate  2015 Fall  Attempted 1.000	Earned 3.000 0.000 arned 4.000 3.000 1.000 14.000  Earned 1.000	Y Y Y Y Y Y A	0.000  Points 4.000	EGR 218 EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:  Course EGR 202 EGR 217	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  20  Description Use-Inspired Design Project II Engr Mechanics Fundamentals Computational Modeling Eng Sys Entrepreneur & Value	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000 3.000	3.000 3.000 3.000 3.000 3.000  Earned 18.000 109.000  Earned 3.000 3.000	A+ A+ A+ A+  Grade A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999
Course ECN 212 MAT 270  Repeated: MAT 271  POS 110 PHY 112 PHY 114  Course Trans GPA:  Course ASU 101-CTI CHM 113	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics General Physics Laboratory  O.000 Transfer Totals:  Beginning of II  Description The ASU Experience General Chemistry I	Attempted  A and Hours E  0.000  Undergraduate  2015 Fall  Attempted	Earned 3.000 0.000 arned 4.000 3.000 3.000 1.000 14.000 Earned	Y Y Y Y Y Y O	Points  0.000	EGR 218  EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:  Course EGR 202  EGR 217  EGR 219	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  20  Description Use-Inspired Design Project II Engr Mechanics Fundamentals Computational Modeling Eng Sys Entrepreneur & Value Creation	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000 3.000 3.000	3.000 3.000 3.000 3.000 3.000 Earned 18.000 109.000  Earned 3.000 3.000 3.000 3.000	A+ A+ A+ A+ Grade A+ A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999 12.999 12.999
Course ECN 212 MAT 270 Repeated: MAT 271 POS 110 PHY 112 PHY 114 Course Trans GPA:  Course ASU 101-CTI	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geometry II Government and Politics General Physics General Physics Laboratory  0.000 Transfer Totals:  Beginning of the Company of	Attempted  A and Hours E  0.000  Undergraduate  2015 Fall  Attempted 1.000	Earned 3.000 0.000 arned 4.000 3.000 1.000 14.000  Earned 1.000	Y Y Y Y Y Y A	0.000  Points 4.000	EGR 218  EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:  Course EGR 202 EGR 217 EGR 219 FSE 301 HON 394 Course Topic:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  4.00 Cum Totals  20  Description Use-Inspired Design Project II Engr Mechanics Fundamentals Computational Modeling Eng Sys Entrepreneur & Value Creation Special Topics Wrtng Colloq:Tutorial Clinic	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000 3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000 3.000  Earned 109.000  Earned 3.000 3.000 3.000	A+ A+ A+ A+ A+ A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999 12.999
Course ECN 212 MAT 270  Repeated: MAT 271  POS 110 PHY 112 PHY 114  Course Trans GPA:  Course ASU 101-CTI CHM 113 Note: EGR 101	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics General Physics General Physics Laboratory  0.000 Transfer Totals:  Beginning of I  Description The ASU Experience General Chemistry I Honors Course Found of Eng Design Proj I	Attempted  0.000  Undergraduate  2015 Fall  Attempted 1.000 4.000 3.000	Earned 3.000 0.000 arned 4.000 3.000 1.000 14.000  Earned 1.000 4.000 3.000 3.000 3.000 3.000	Y Y Y Y Y Y A A A A	Points  0.000  Points 4.000 17.332 12.000	EGR 218 EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:  Course EGR 202 EGR 217 EGR 219 FSE 301 HON 394 Course Topic: Note:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  4.00 Cum Totals  20  Description Use-Inspired Design Project II Engr Mechanics Fundamentals Computational Modeling Eng Sys Entrepreneur & Value Creation Special Topics Wrtng Colloq:Tutorial Clinic Honors Course	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000 3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000 3.000 Earned 18.000 109.000  Earned 3.000 3.000 3.000 3.000 3.000	A+ A+ A+ A+ A+ A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999 12.999 12.999 12.999 12.000
Course ECN 212 MAT 270  Repeated: MAT 271  POS 110 PHY 112 PHY 114  Course Trans GPA:  Course ASU 101-CTI CHM 113 Note: EGR 101  FSE 150	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geometry II Government and Politics General Physics Laboratory  0.000 Transfer Totals:  Beginning of II  Description The ASU Experience General Chemistry I Honors Course Found of Eng Design Proj I Grand Challenges for Engrg	Attempted  A and Hours E  0.000  Undergraduate  2015 Fall  Attempted 1.000 4.000	Earned 3.000 0.000 arned 4.000 3.000 1.000 14.000  Earned 1.000 4.000	Y Y Y Y Y Y A A+	Points  0.000  Points 4.000 17.332	EGR 218 EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:  Course EGR 202 EGR 217 EGR 219 FSE 301 HON 394 Course Topic: Note: PHY 131	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  4.00 Cum Totals  20  Description Use-Inspired Design Project II Engr Mechanics Fundamentals Computational Modeling Eng Sys Entrepreneur & Value Creation Special Topics Wrtng Colloq:Tutorial Clinic Honors Course Univ Physics II: Eletrc/Magnet	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000 3.000 3.000 3.000 3.000 1 3.000	3.000 3.000 3.000 3.000 3.000 Earned 18.000 109.000  Earned 3.000 3.000 3.000 3.000 3.000 3.000	A+ A+ A+ A+ A+ A+ A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999 12.999 12.999 12.999 12.000
Course ECN 212 MAT 270  Repeated: MAT 271  POS 110 PHY 112 PHY 114  Course Trans GPA:  Course ASU 101-CTI CHM 113 Note: EGR 101  FSE 150  Note:	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geomtry II Government and Politics General Physics Laboratory  0.000 Transfer Totals:  Beginning of the Calculus of the Calculus w/Analytic General Physics Laboratory  0.000 Transfer Totals:  Beginning of the Calculus w/Analytic General Chemistry I Honors Course Found of Eng Design Proj I Grand Challenges for Engrg Honors Course	Attempted  0.000  Undergraduate  2015 Fall  Attempted 1.000 4.000 3.000 3.000	Earned 3.000 0.000 arned 4.000 3.000 1.000 14.000  Earned 1.000 4.000 3.000 3.000	Y Y Y Y Y Y A A A A	Points  0.000  Points 4.000 17.332 12.000 12.999	EGR 218 EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:  Course EGR 202 EGR 217 EGR 219 FSE 301 HON 394 Course Topic: Note:	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  4.00 Cum Totals  20  Description Use-Inspired Design Project II Engr Mechanics Fundamentals Computational Modeling Eng Sys Entrepreneur & Value Creation Special Topics Wring Colloq: Tutorial Clinic Honors Course Univ Physics II:	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000 3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000 3.000 Earned 18.000 109.000  Earned 3.000 3.000 3.000 3.000 3.000	A+ A+ A+ A+ A+ A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999 12.999 12.999 12.999 12.000
Course ECN 212 MAT 270  Repeated: MAT 271  POS 110 PHY 112 PHY 114  Course Trans GPA:  Course ASU 101-CTI CHM 113 Note: EGR 101  FSE 150	Description Microeconomic Principles Calculus w/Analytic Geometry I Repeat - Excluded from GP. Calculus w/Analytic Geometry II Government and Politics General Physics Laboratory  0.000 Transfer Totals:  Beginning of II  Description The ASU Experience General Chemistry I Honors Course Found of Eng Design Proj I Grand Challenges for Engrg	Attempted  0.000  Undergraduate  2015 Fall  Attempted 1.000 4.000 3.000	Earned 3.000 0.000 arned 4.000 3.000 1.000 14.000  Earned 1.000 4.000 3.000 3.000 3.000 3.000	Y Y Y Y Y Y A A+ A+	Points  0.000  Points 4.000 17.332 12.000	EGR 218 EGR 280 HON 394 Note: MAT 343  Term GPA: Cum GPA:  Course EGR 202 EGR 217 EGR 219 FSE 301 HON 394 Course Topic: Note: PHY 131	EGR Electrical Fundamentals Materials and Manufact Process Engineering Statistics Special Topics Honors Course Applied Linear Algebra  4.00 Term Totals 4.00 Cum Totals  4.00 Cum Totals  20  Description Use-Inspired Design Project II Engr Mechanics Fundamentals Computational Modeling Eng Sys Entrepreneur & Value Creation Special Topics Wring Colloq: Tutorial Clinic Honors Course Univ Physics II: Elctrc/Magnet University Physics Lab	3.000 3.000 3.000 3.000  Attempted 18.000 50.000  17 Spring  Attempted 3.000 3.000 3.000 3.000 3.000 1 3.000	3.000 3.000 3.000 3.000 3.000 Earned 18.000 109.000  Earned 3.000 3.000 3.000 3.000 3.000 3.000	A+ A+ A+ A+ A+ A+ A+ A+	12.999 12.999 12.000 12.999 Points 76.995 209.324  Points 12.999 12.999 12.999 12.999 12.000

## Arizona State University Official Transcript

Name: Jacob W Knaup Student ID: 1208852537

			Attempted	Earned		Points Points
Term GPA:	4.00	Term Totals	19.000	19.000		80.995
Cum GPA:	4.00	Cum Totals	69.000	128.000		290.319
		:	2017 Fall			
Course	Descrip	otion	Attempted	Earned	<u>Grade</u>	<u>Points</u>
EGR 304		ded Sys Design	3.000	3.000	A+	12.999
EGR 330	Project Design	of Electrical	3.000	3.000	Α	12.000
EGR 455	System		3.000	3.000	A+	12.999
HON 394		Systems I Topics	3.000	3.000	A	12.000
Course Topic:		Method I				
Note: HST 318	Honors History	of Engineering	3.000	3.000	Α	12.000
PHY 321	Vector	Mechanics and	3.000	3.000	A+	12.999
	Vibratio	n				
			Attempted	<b>Earned</b>		<u>Points</u>
Term GPA:	4.00	Term Totals	18.000	18.000		74.997
Cum GPA:	4.00	Cum Totals	87.000	146.000		365.316
		20	018 Spring			
Course	Danasis		Attamentan	F = 11	<u>Grade</u>	)
COM 263	<u>Descrip</u> Flemen	nts Intercultural	Attempted 3.000	<u>Earned</u> 3.000	A	Points 12.000
	Comm			7/,	X'//	105/
EGR 314	Embede Project	ded Sys Design	3.000	3.000	A+//	12.999
EGR 456	Robotic	Systems II	3.000	3.000	A+	12.999
HON 394 Course Topic:		l <b>Topics</b> ies & Drunkard's Wa	3.000	3.000	A   5	12.000
Note:	Honors		iiko		= 111°	2
HON 394	Special		2.000	2.000	A	8.000
Course Topic: Note:	Honors	ng the Socratic Meth Course	iou	415	$\supset    $	
PHY 252	Physics	s III	4.000	4.000	A+	17.332
			Attempted	Earned	CV.	<u>Points</u>
Term GPA:	4.00	Term Totals	18.000	18.000	$/_{L} \times$	75.330
Cum GPA:	4.00	Cum Totals	105.000	164.000		440.646
			2018 Fall		2	
					' )	
Course	Descrip		<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	Points
EGR 334 EGR 401		-Digital Interface sional Design	3.000 3.000	0.000 0.000	NR NR	0.000
	Project	1				
EGR 492 HON 394		Directed Study	3.000 1.000	0.000 0.000	NR NR	0.000
Course Topic:		Colloq:Tutorial Clinic		0.000		0.000
PHY 314	Quantu	m Physics I	3.000	0.000	NR	0.000
			Attempted	<b>Earned</b>		<u>Points</u>
Term GPA:	0.00	Term Totals	0.000	0.000		0.000
Cum GPA:	4.00	Cum Totals	105.000	164.000		440.646

END OF TRANSCRIPT

Accreditation and Affiliation: Arizona State University is accredited by the North Central Association of Colleges and Secondary Schools. Programs in the various colleges, schools, and departments are accredited by or affiliated with various national bodies.

Third Party Restrictions: Information contained on this transcript is for the intended purpose only and is not to be used for any other purpose or released to any other person or organization without the written consent of the student whose name appears on this transcript. If you are unable to comply, in accordance with the federal Family Education Rights and Privacy Act of 1974, you are required to return this record immediately to:

University Registrar's Office Arizona State University PO Box 870312 Tempe, AZ 85287-0312

**Grade Point Average:** Grade points earned for a course are multiplied by the number of semester hours to produce honor points. For example, receiving an "A," which is assigned four grade points, in a three-semester-hour course would produce 12 honor points. The grade point average (GPA) is obtained by dividing the total honor points by the total number of semester hours graded "A+," "A," "B+," "B," "B-," "C+," "C," "D," or "E". Other grades do not carry grade points. Semester GPA is based on semester net hours. Cumulative GPA is based on total net hours. Note: Although the plus/minus scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00, except for Law students. Questions about the grade scales may be referred to the University Registrar's Office at (480) 965-3124.

Repeating Courses: An undergraduate course taken at ASU may be repeated for credit if the grade of "D," "E," or "W" or a mark of "X" was received. Undergraduate courses in which grades of "D" or "E" are received may be repeated once. Prior to Fall 2007 grades marked with @ are included in the computation of the cumulative GPA. For additional policy information on undergraduate classes being repeated for credit, see <a href="http://students.asu.edu/grades">http://students.asu.edu/grades</a>

Course Numbering System	Additional information
100-299 Lower-Division Courses	may be found at
300-499 Upper-Division Courses	http://www.asu.edu
500-799 Graduate-Level Courses	

Fall 2004 and After				
Grade	Undergraduate	Graduate	Value	
	Definition	Definition		
A+			4.33	
Α	Excellent	Excellent	4.00	
A-			3.67	
B+			3.33	
В	Good	Good	3.00	
B-			2.67	
C+			2.33	
С	Average	Passing	2.00	
D	Passing	No Graduate Credit	1.00	
E	Failure	Failure	0.00	
EN	Failing Never Participated <sup>1</sup>	Failing Never Participated <sup>1</sup>	0.00	
ı	Incomplete	Incomplete	-	
NR	No Report	No Report	-	
Р	Pass	Not Applicable	-	
W	Withdrawal	Withdrawal	-	
Х	Audit	Audit	-	
Υ	Satisfactory	Satisfactory	-	
Z	Course in Progress	Course in Progress	-	
XE	Academic Dishonesty	Academic Dishonesty	0.00	

<sup>&</sup>lt;sup>1</sup> Effective Fall 2016 and later

Prior to Fall 2004				
Grade	Undergraduate	Graduate	Value	
	Definition	Definition		
Α	Excellent	Excellent	4.00	
В	Good	Good	3.00	
С	Average	Passing	2.00	
D	Passing	No Graduate Credit	1.00	
E	Failure	Failure	0.00	
	Incomplete	Incomplete	-	
NR	No Report	No Report	-	
Р	Pass	Not applicable	-	
RC	Remedial Credit	Not applicable	-	
RN	Remedial No Credit	Not applicable	-	
W	Withdrawal	Withdrawal	-	
Χ	Audit	Audit	-	
Υ	Satisfactory	Satisfactory	-	
Z	Course in Progress	Course in Progress	-	
XE	Academic Dishonesty	Academic Dishonesty	0.00	

	Law Grad	ding		
	Grade	Value		
Fall 2001-Summer 2006	90-99	Distinguished		
Effective Spring 2001 for Fall	85-89	Excellent		
2000 entering class	80-84	Very Good		
Grade scales for all previous	75-79	Good		
years can be viewed at:	70-74	Satisfactory		
http://students.asu.edu/grades	65-69	Deficient		
	64	Failing		
Fall 2006-Summer 2009	90-99	Distinguished		
	85-89	Excellent		
	80-84	Very Good		
	75-79	Good		
	73-74	Satisfactory		
	70-72	Unsatisfactory		
	65-69	Seriously Deficient		
	64	Failing (no credit)		
Fall 2009 and After	A+		4.33	
Effective for Fall 2009 entering class	Α	Excellent	4.00	
ciass	A-		3.67	
	B+		3.33	
	В	Good	3.00	
	B-		2.67	
	C+		2.33	
	С	Average	2.00	
	D	Deficient	1.00	
	Е	Failing	0.00	
	EN	Failing Never Participated <sup>1</sup>	0.00	
Additional Grades	CR	Credit		
	NR	No Report		
	Р	Pass		
	Χ	Audit		
	W	Withdrawal		
	I	Incomplete		
	Н	Honors		
	HH	High Honors		
	XE	Academic Dishonest	y	



Arizona State University