Southern Illinois University Carbondale Sengineering & Computer Science - 66-67 hrs Sengineering & Computer Science - 50-67 hrs Sengineering & Computer Science - 50-67 hrs Sengineering & Computer Science - 50-67 hrs Sengineering & Computer Science Science & Sengineering & Computer Science & Sengineering & Sengineering & Computer Science & Sengineering & Sengineeri	PROGRAM ARTICULATION D	EGREE PLAN				
Honesting Core Curriculum (UEC) Capstone Option - 39 hrs				Southern Illinois University Carbondale		
Hrs	AES Engineering & Computer Science - 66-67 hrs			BS Industrial Management & Applied Engineering (IMAE) - 120 hrs		
Duty 101 Salut Success NA						
No. Communication Section Se			Hrs			Hrs
SNG 121				UNIV 101	Saluki Success	NA
SNG 121				CMST 101	Intro to Oral Communication	3
RNG 122	ENG 121	English Composition I	3			
MTH 145						Т
IA Social & Behavioral Sciences 3 SOCIAL SCIENCE See SUIC Transfer Equivalency Quide T						
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All Humanities Fine Arts						
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LIFE SCIENCE 3 1 1 1 1 1 1 1 1 1	DHV 123	Physics for Science & Engineering I	5		University Physics w/Lah	
FINE ARTS HUMAN HEALTH NA	1111 125	1 Trysics for Science & Engineering i	-		Offiversity I flysics W/Lab	
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Program Requirements CC 120 College Success Seminar CC 120 The AES degree in Engineering & Computer Science as articulated fulfillis the 15 hrs of technical elective course requirements for the BS degree in industrial Management & Applied Engineering (MAE). CHM 121 General Chemistry 5 CHEM 202 - A201 (elective) Computer-Aided Engineering Drawing TEGR 125 Engineering Statics 3 Nerol 25 (elective) Statics Tegramering Statics 3 Nerolege Sol (elective) Statics TEGR 225 Engineering Statics 3 ENRR 250 (elective) Statics TEGR 226 Engineering Drawing The too Circuit Annalysis 4 ECE 233, 250-clective) Lectic Circuits I will ab -or-Electric Circuits The too Circuit Annalysis 4 ECE 233, 250-clective) Lectic Carbon Lective Statics TEGR 220 Lective Statics TEGR 220 Lectic Computer Programming 1-or-Computer Science I 3-4 Lectic 235, 250-clective) Lectic Circuits I will ab -or-Electric Circuits I The MCS 141 Computer Programming 1-or-Computer Science I 3-4 Lectic 235, 250-clective) Lectic Circuits I will ab -or-Electric Circuits I The MCS 141 Lectic Carbon Lectic Circuits I The MCS						
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CLC 120			25			12
CLC 120						
Course requirements for the BS degree in Industrial Management & Applied Engineering (IMAE).					2-1	
CHM 121 General Chemistry 5 CHEM 200 - and - 201 (elective) Intro to Chemical Principles WLab T						
EGR 121						
EGR 125						
EGR 225						
EGR 260						-
MGS 140 - or - MCS 141 Computer Programming 1-or - Computer Science 3-4 CS 202 (elective) Intro to Computer Science T						
MTH 146	EGR 260	Intro to Circuit Analysis	4	ECE 235, 235L -or- ENGR 335 (elective)	Electric Circuits I w/Lab -or- Electric Circuits I	T
MTH 227	MCS 140 -or- MCS 141		3-4	CS 202 (elective)	Intro to Computer Science	Т
MTH 246 Calculus & Analytic Geometry III 5 MATH 251 (elective) Calculus III T PHY 124 Physics for Science & Engineering II 5 PHYS 205B -and - 255B University Physics w/Lab T IMAE 110 Geometric Dimensioning & Tolerancing 3 IMAE 208 Fundamentals of Manufacturing Processes 3 IMAE 305 Industrial Safety 3 IMAE 307 Applied Calc for Tech 3 IMAE 340 Intro to Supervision 3 IMAE 390 Cost Estimating 3 IMAE 390 Cost Estimating 3 IMAE 390 Cost Estimating 3 IMAE 422 Facilities Planning & Workplace Design 3 IMAE 442 Fundamentals of Leadership 3 IMAE 445 Computer Integrated Manufacturing 3 IMAE 4465 Lean Manufacturing 3 IMAE 470A Six Sigma Green Belt I 3 IMAE 470B Six Sigma Green Belt II 3 IMAE 476 Supply Chain Management 3 IMAE 476	MTH 146	Calculus & Analytic Geometry II	4	MATH 250 (elective)	Calculus II	Т
Physics for Science & Engineering II 5 A1-42	MTH 227	Differential Equations	3	MATH 305 (elective)	Intro to Differential Equations	Т
MAE 110 Geometric Dimensioning & Tolerancing S	MTH 246		5	MATH 251 (elective)	Calculus III	Т
MAE 110 Geometric Dimensioning & Tolerancing S	PHY 124	Physics for Science & Engineering II	5	PHYS 205B -and- 255B	University Physics w/Lab	Т
MAE 208		, , , , , , , , , , , , , , , , , , , ,	41-42			
MAE 208				IMAE 110	Geometric Dimensioning & Tolerancing	3
MAE 305 Industrial Safety 3 MAE 307 Applied Calc for Tech 3 MAE 307 Applied Calc for Tech 3 MAE 340 Intro to Supervision 3 MAE 375 Production & Inventory Management 3 MAE 375 Production & Inventory Management 3 MAE 390 Cost Estimating 3 MAE 392 Facilities Planning & Workplace Design 3 MAE 392 Facilities Planning & Workplace Design 3 MAE 442 Fundamentals of Leadership 3 MAE 445 Computer Integrated Manufacturing 3 MAE 445 Computer Integrated Manufacturing 3 MAE 450 Project Management 3 MAE 450 Project Management 3 MAE 470A Six Sigma Green Belt I 3 MAE 470B Six Sigma Green Belt I 3 MA						
MAE 307 Applied Calc for Tech 3 IMAE 340 Intro to Supervision 3 IMAE 375 Production & Inventory Management 3 IMAE 390 Cost Estimating 3 IMAE 392 Facilities Planning & Workplace Design 3 IMAE 442 Fundamentals of Leadership 3 IMAE 445 Computer Integrated Manufacturing 3 IMAE 445 Computer Integrated Manufacturing 3 IMAE 450 Project Management 3 IMAE 465 Lean Manufacturing 3 IMAE 465 Lean Manufacturing 3 IMAE 470A Six Sigma Green Belt 3 IMAE 470B Six Sigma Green Belt 3 IMAE 476 Supply Chain Management 3 IMAE Elective 300/400 level 3 IMAE 480 Total semester hrs completed w/AES degree: 60						
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Total semester hrs completed w/AES degree: MAE Elective 300/400 level 48			+			
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Total semester hrs completed w/AES degree: 66-67 Total semester hrs completed w/BS degree: 60 Total hours to BS degree: 126-127			-	IMAE Elective	300/400 level	
Total hours to BS degree: 126-127			1			48
Total hours to BS degree: 126-127	Total compoter has committee	d w/AES doggo.	66.67	Total competer has completed w/DC downs		60
	Total semester hrs completed	u w/AES degree:	66-67	Total semester hrs completed W/BS degree:		60
			+	Total hours to BS degree:		126-127
Degree Plan updated on 5/24/24 by SG			1			,,
	Degree Plan updated on 5/24/2	24 by SG				