◀ Advisement Report   🏠 🚩 ⋮

Brian Culberson   go to ...   ▾   ⟫

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My Academic Requirements

Course List Detail: Technical/ENGN Electives

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✔ Taken   ◆ In Progress   ★ Planned   🔁 Repeated

▼ **Technical/ENGN Electives**

Not Satisfied: Students are required to complete 6 credit hours of coursework

The following courses may be used to satisfy this requirement:

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Course	Description	Units	When	Grade	Status
MATH5119	NONLINEAR OPTIMIZATION	3.00	Annually, Fall, Spring		
MATH5151	APPLIED ODE	3.00	Annually, Fall		
MECH1072C	ENG. DES. GR.	4.00	Annually, Fall, Spring		
MECH2010	THERMODYNAMICS	4.00	Annually, Fall, Summer		
MECH2020	STATICS/PART DYNAM	3.00	Annually, Fall, Spring		
MECH2021	KINEMATICS/KINETICS MACHINES	3.00	Annually, Fall, Summer		
MECH2030	SOLID MECHANICS	3.00	Annually, Fall, Summer		
MECH2060	MANUFACTURING PROCESSES	3.00	Annually, Fall, Spring		
MECH5003	FUND NUCLEAR ENGR	3.00	Even Years, Spring		
MECH5011	PACKAGING TECH	3.00	Annually, Fall		
MECH5012	LEAN MFG	3.00	Annually, Spring		
MECH5031	RENEWABLE ENERGY SYSTEMS	3.00	Occasionally		
MECH5055C	AUTOMOTIVE DESIGN I	4.00	Annually, Fall		
MECH5056C	AUTOM. DESIGN II	4.00	Annually, Spring		
MECH5102C	RADIATION DETECTION	3.00-4.00	Annually, Spring		
MECH5103	INTRO NUCLEAR ENG/HEALTH PHYS	3.00	Annually, Fall		
MECH5109C	NUCLEAR FORENSICS	3.00	Occasionally		
MECH5111	COMPUTATIONAL DESIGN	3.00	Never		
MECH5112	DESIGN OPTIMIZATION	3.00	Annually, Spring		
MECH5113	SMART STRUCTURES	3.00	Occasionally		
MECH5116	POWERTRAIN DESIGN AND ANALYSIS	3.00	Never		
MECH5120	INTRO ADV MFG PROC	3.00	Occasionally		
MECH5121	MODSIMSOLIDS	3.00	Never		
MECH5122	MODEL/SIM MULTIPHYSICS SYSTEMS	3.00	Annually, Fall		
MECH5123	CAD FOR MFG	3.00	Occasionally		
MECH5131	INTRODUCTION TO ROBOTICS	3.00	Annually, Fall		
MECH5132	ROBOT CONTROL AND DESIGN	3.00	Annually, Spring		
MECH5136	ROBOT VISION	3.00	Annually, Fall		
MECH5150	OCCUPATIONAL SAFETY ENGRG	3.00	Annually, Fall		
MECH5151	SAFE ENG & PROD LIA	3.00	Never		
MECH5152	SYSTEM SAFETY	3.00	Annually, Fall		
MECH5169	DFMA	3.00	Occasionally		
MECH5171	ADV DESIGN FOR MANUFACTURING	3.00	Occasionally		
MECH5173C	INT TO E-MANUFACTUR	3.00	Annually, Spring		
MECH5174	QUALITY CONTROL	3.00	Annually, Fall		
MECH5175	PROD PLAN & CONTROL	3.00	Annually, Fall		
MECH5176	SUPP CHAIN MOD OPT	3.00	Annually, Spring		
MECH5177	MICRONANO MANUF	3.00	Annually, Spring		
MECH5178	INDUSTRIAL BIG DATA AND AI	3.00	Occasionally		
MECH5181	MODELING MATERIALS	3.00	Annually, Fall		
MECH5191	HEAT EXCH DES ENG	3.00	Annually, Fall		
MECH5194	FUND & AP OF SOL EN	3.00	Annually, Spring		
MECH5196	ICE	3.00	Annually, Spring		
PD2030	INQUIRY TO INNOVATION *** view multiple offerings	3.00			
PHYS2002	COLLEGE PHYSICS II *** view multiple offerings	4.00			
PHYS2002L	COLLEGE PHYS LAB II *** view multiple offerings	1.00			
PHYS3008	NANO SCI TECH	3.00	Annually, Fall		

PHYS4025	INTRO ASTROPHYS I	3.00	Annually, Fall		
PHYS4026	INTRO ASTROPHYS II	3.00	Annually, Spring		
PHYS5020	INTRO QUANT MECH I	3.00	Occasionally		
PHYS5021	INTRO QUANT MECH II	3.00	Occasionally		
PHYS5045	INTRO QUANT COMP	3.00	Occasionally		
POL5035C	CYBERATTACK	3.00	Annually, Spring		
STAT3038	PROB & STATS II	3.00	Annually, Fall, Spring		
STAT3041	INTRODUCTION TO DATA SCIENCE	3.00	Annually, Fall, Spring		
STAT4021	SPEC TOPICS STAT	3.00	Occasionally		
STAT5121	MATHEMATICAL STATISTICS I	3.00	Never		
STAT5122	MATHEMATICAL STATISTICS II	3.00	Annually, Spring		
STAT5131	APPLIED REGRESSION ANALYSIS	3.00	Never		
STAT5132	DESIGN AND ANALYSIS OF EXP	3.00	Annually, Spring		
STAT5145	STATISTICAL COMPUTING	3.00	Annually, Spring		
STAT5171	STATISTICS & MACHINE LEARNING	3.00	Annually, Fall, Spring		

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