

New Program Proposal

Minor in Electrical Engineering

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Admission to the Joint Engineering program is required. A minimum of 18 credit hours in Joint Electrical Engineering courses are required.

Required Courses:		
J E ENGR 2300	Introduction To Electrical Networks	3
J E ENGR 2330	Electrical And Electronic Circuits Laboratory	3
Take three courses from the following list:		9
J E ENGR 2320	Introduction To Electronic Circuits	
J E ENGR 2600	Introduction To Digital Logic And Computer Design	
J E ENGR 3300	Engineering Electro Magnetic Principles	
J E ENGR 3310	Electronics Laboratory	
J E ENGR 3320	Power, Energy And Polyphase Circuits	
J E ENGR 3510	Signals And Systems	
J E ENGR 4350	Electrical Energy Laboratory	
J E ENGR 4410	Control Systems I	
At least one additional J E ENGR Course		3
Total Hours		18

Sign-offs from other departments affected by this proposal

None

Rationale

Create Pathway toward participation in the Bachelor of Liberal Studies degree at UMSL. Requires two minors. The intention would be to partner with the Mathematics minor.