

LFCC ADVISING WORKSHEET

Program: AAS GET: Industrial Electricity and Controls Technology Specialization Catalog Year: 2016-2017

Advisor:

Program purpose: Designed to provide a thorough preparation in drafting, emphasizing the use of computers and, in particular, computer-aided design and drafting. Communication skills and problem-solving skills are also emphasized, both of which are critical to success in the workplace.

Check	Course	Title	Credits	Grade	Notes
First Semester					
	EGR 110	Engineering Graphics	3		
	ELE 133	Practical Electricity I	3		
	ENG 111	College Composition I	3		
	MEC 111	Materials for Industry	3		
	MTH	Approved Math Elective ¹	3		
	SDV 100	College Success Skills	1		
Second Semester					
	CAD 241	Parametric Solid Modeling I	3		
	EGR 216	Computer Methods in Engineering and Technology	3		
	ELE 134	Practical Electricity	3		
	ENG 112/115	College Composition II or Technical Writing	3		
	MEC 112	Processes of Industry	3		
	MTH	Approved Math Elective ¹	3		
Third Semester					
	EGR 206	Engineering Economics	3		
	ELE 159	Electrical Motors	3		
	PED/HLT	Physical Education or Health	1		
		Humanities Elective ²	3		
		Social Science Elective ²	3		
		Technical Elective ³	3		
Fourth Semester					
	EGR 135/137	National or Residential Electric Code	3		
	ELE156	Electrical Control Systems	3		
	IND 145	Introduction to Metrology	3		
		Social Science Elective ²	3		
		Technical Elective ³	3		
		Total	65		

¹Approved math courses include: MTH 120/ 158, MTH 158/163, MTH 163/164, MTH 163/271, MTH 271/272, MTH 173/174. Students intending to transfer to Old Dominion University should meet with program faculty about the proper selection of math courses.

²Students may select social science electives from approved list.

³Students may select from approved list of technical electives.

⁴Students may select humanities electives from approved list.

The College reserves the right to make changes to any provision or requirement within these sources, as well as changes to any curriculum or program, whether during a student's enrollment or otherwise.