

## LFCC ADVISING WORKSHEET

Program: AAS GET: Mechanical Engineering Technology

Catalog Year: 2016-2017

Advisor:

**transfer to ODU**

Program purpose: Provides educational opportunities for those who seek employment in industry, for those who desire to upgrade their knowledge or acquire practical skills in the field, and for those who wish to transfer and complete a Bachelor of Science degree in mechanical engineering technology.

Check	Course	Title	Credits	Grade	Notes
<b>First Semester</b>					
	EGR 110	Engineering Graphics	3		
	ENG 111	College Composition I	3		
	MEC 111	Materials for Industry	3		
	MTH 163	Approved Math Elective <sup>1</sup>	3		
	SDV 100	College Success Skills	1		
		Social Science Elective <sup>2</sup> (choose from PLS, ECO, GEO 210, SOC 200, 211, PSY 200, 230)	3		
<b>Second Semester</b>					
	CAD 241	Parametric Solid Modeling I	3		
	EGR 216	Computer Methods in Engineering and Technology	3		
	ENG 112	College Composition II	3		
	MEC 112	Processes of Industry	3		
	MTH	Approved Math Elective <sup>1</sup>	3		
		Social Science Elective <sup>2</sup> (choose from HIS 111, 112, 121, 122)	3		
<b>Third Semester</b>					
	CAD 242	Parametric Solid Modeling II	3		
	EGR 135	Statics for Engineering Technology	3		
	EGR 206	Engineering Economics	3		
	PED/HLT	Physical Education or Health	1		
	PHY 201	General College Physics I	4		
	MTH 173	Technical Elective <sup>3</sup>	3		
<b>Fourth Semester</b>					
	EGR 136	Strength of Materials	3		
	IND 145	Introduction to Metrology	3		
	PHY 202	General College Physics II	4		
	MEC 120	Technical Elective <sup>3</sup>	3		
	ENG Lit.	Humanities Elective <sup>4</sup>	3		
		<b>Total</b>	<b>67</b>		

<sup>1</sup>Approved math courses include: MTH 158/MTH 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.

<sup>2</sup>Students may select social science electives from approved list.

<sup>3</sup>Students may select from approved list of technical electives.

<sup>4</sup>Students may select humanities electives from approved list.

**Additional courses for transfer that are outside of the degree:**

- CST 100,110
- ART 100, 101, 102 or MUS 121, 122
- CHM 111

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.