TRANSFER SUMMARY
COLLEGE OF LAKE COUNTY
MECHANICAL ENGINEERING PROGRAM 2019-2020

Name:	College of Lake County	**Program:**	Mechanical Engineering		**Counselor:**		
ID:		**Reviewer:**					
YEAR ONE							
	MSOE Course	MSOE Credits	Foreign Course	Foreign School	Approval	Transfer Credits	Course Recs
Fall	CH 200-Chemistry I	4	CHM 121	CLC		4	
	MA 136-Calculus I	4	MTH 145+MTH 146	CLC		4	
	ME 1601-Introduction to Engineering Design	4	CAD 170	CLC		4	
	GS 1001-Freshman Studies I (Composition)	4	ENG 121	CLC		4	
Winter	ME 190-Computer Applications in Engineering I	4				0	
	CH 201-Chemistry II	4	CHM 123	CLC		4	
	GS 1002-Freshman Studies II (Tech Comp)	4	ENG 120	CLC		4	
	MA 137-Calculus II	4	MTH 145+MTH 146	CLC		4	
Spring	MA 231-Calculus III	4	MTH 145+MTH 146	CLC		4	
	GS 1003-Freshman Studies III (Speech)	4	CMM 121	CLC		4	
	ME 1301-Introduction to Mechantronics	3				0	
	PH 2011-Physics I	4	PHY 123	CLC		4	
YEAR TWO							
Fall	MA 235-Differential Equations	4	MTH 227	CLC		4	
	EE 201-SS Linear Networks	4				0	
	ME 2001-Mechanics I	4	EGR 125	CLC		4	
	PH 2021-Physics II	4	PHY 124	CLC		4	
Winter	MA 232-Calulcus IV	3	MTH 246	CLC		3	
	MA 262-Probability and Statistics	3	MTH 222	CLC		3	
	ME 2002-Mechanics II	4	EGR 225	CLC		4	
	PH 2031-Physics III	4	PHY 221	CLC		4	
	HU Elective	3	MANY OPTIONS	CLC		3	
Spring	ME 230-Dynamics of Systems	4				0	
	ME 2003-Mechanics III	4	EGR 225	CLC		4	
	ME 2004-Mechanics of Materials I	4	EGR 222	CLC		4	
	ME 2101-Thermodynamics I	3				0	
	SS Elective	3	MANY OPTIONS	CLC		3	
YEAR THREE							
Fall	ME 321-Materials Science	3				0	
	MA 383-Linear Algebra	3	MTH 225	CLC		3	
	ME 3005-Mechanics of Materials II	3				0	
	ME 3102-Thermodynamics II	3				0	
	ME 3103-Fluid Mechanics I	3				0	
Winter	ME 322-Engineering Materials	4				0	
	ME 3104-Fluid Mechanics II	4				0	
	ME 3301-Instrumentation	3				0	
	ME 318-Heat Transfer	4				0	
Spring	IE 340-Project Management	3				0	
	ME 323-Manufactoring Processes	4				0	
	ME 363-Design of Machine Components	4				0	
	ME 3105-Applied Thermodynamics	4				0	
	Math/Science Elective MA 330	3	MA 246	CLC		3	

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YEAR FOUR								
Fall	ME 490-Senior Design I		3				0	
	ME 4302-Automatic Control Systems		4				0	
	Numerical Methods Course		4				0	
	HU Elective		3	MANY OPTIONS	CLC		3	
	Technical Elective		3				0	
Winter	ME 491-Senior Design II		3				0	
	SS Elective		3	MANY OPTIONS	CLC		3	
	HU/SS Elective		3	MANY OPTIONS	CLC		3	
	Technical Elective		3				0	
	Technical Elective		3				0	
Spring	HU 432-Ethics for Professional Managers and Engineers		3	BUS 132	CLC		3	
	Technical Elective		3				0	
	Technical Elective		3				0	
	Free Elective		3	MANY OPTIONS	CLC		3	
	Prof Prep Elective		3				0	
					Total Credits Transferred:		101	
					Total WIP*:			
					Total Transfer Credits:		101	
	Total Program Credits:		**193**					

*Credits from courses currently in progress (WIP) will not awarded until official transcripts showing a grade of C or better have been received.

MSOE Course			Foreign Course		Foreign School			
Unknown or Elective Courses to be Assigned								

Courses That Do Not Transfer

Syllabus Requests

There are 24 credits of general education elective subjects in the mechanical engineering program, which must be taken as follows:

15 credits from humanities and social sciences (HU/SS), distributed as follows:
6 credits from the sociology series (SS)
6 credits from the humanities (HU)
3 credits with either an HU or SS designation (400 level)
3 credits from the field of mathematics or science (300 level or above, or BI 102). There can be no duplication of material with any other required or elective courses.
3 credits from any 200-, 300-, 400-level subject (free elective). There can be no duplication of material with any other required or elective courses.
3 credits from the professional preparedness list of courses: BA 1220, BA 2220, BA 3801, BA 3423, BA 2015, BA 2440, BA 2501, and BA 3491.
Numerical Electives course is a choice of ME 460, ME 4806, or ME 4906.

15 credits from the ME technical electives list, with at least 9 credits from courses with an ME designation.