

MECHANICAL ENGINEERING, SPECIALIZED ASSOCIATE IN ARTS TRANSFER DEGREE TO UCF (STARTS SPRING 2027)

The Specialized Associate in Arts Transfer (SAAT) degree in Mechanical Engineering prepares students for transfer as juniors to the Bachelor of Science in Mechanical Engineering (B.S.M.E) degree program at the University of Central Florida. This SAAT degree provides direct admission to the Mechanical Engineering major at the University of Central Florida. Students are required to meet all requirements listed in the relevant Articulation Agreement in order to complete this degree.

Financial Aid

Only required courses for an LSSC degree or qualified college credit certificate program are eligible for federal financial aid. Consult your program plan in Degree Works and/or an academic advisor prior to enrolling in any course to ensure program alignment.

Academic Advising

- advising@lssc.edu 352-787-3747

Career Development Services

- Careers@lssc.edu 352-323-3603

*8/4/2026

Degree Requirements

Code	Title	Hours
General Education Courses		
Area I: Communications		9
Select two from the State Core List and one from the Institutional Core List:		
Communications State Core		
ENC 1101	College Composition I	
ENC 1102	Composition: Literature or ENC 2210 Technical & Professional Writing	
Communications Institutional Core		
SPC 2608	Public Speaking	
Area II: Humanities		6
Select one course from the following State Core and one course from the Institutional Core, or two courses from the State Core:		
Humanities State Core		
ARH 2000	Art Appreciation	
HUM 2020	Introduction to Humanities: Antiquity through the 21st Century	
LIT 2000	Introduction to Literature	
MUL 2010	Music Appreciation	
PHI 2010	Introduction to Philosophy	
THE 1000	Theater Appreciation	
Humanities Institutional Core		
ARH 2050	Art History I	
FIL 2001	Introduction to American Cinema	

HUM 2310	Mythology and the Humanities	
MUH 1018	Introduction to Jazz	
PHI 2600	Introduction to Ethics	
REL 2300	World Religions	
THE 1304	Introduction to Script Analysis	
Area III: Social & Behavioral Sciences		6
Select one course from the following State Core courses:		
AMH 2010	U.S. History to 1877 ¹	
AMH 2020	U.S. History Since 1877	
POS 2041	American National Government	
Select one for the following Social & Behavioral Sciences State or Institutional Core courses:		
DEP 2004	Psychology of Human Development	
ECO 2013	Principles of Economics I, Macroeconomics	
ECO 2023	Principles of Economics II, Microeconomics	
EDF 2005	Introduction to Education	
PSY 2012	Introduction to Psychology	
SOP 2002	Social Psychology	
Area IV: Mathematics		8
MAC 2311	Calculus with Analytic Geometry I	
MAC 2312	Calculus with Analytic Geometry II	
Area V: Natural Sciences		9
CHM 2045C	General Chemistry I w/Lab	
PHY 2048C	Physics I with Calculus w/Lab	
General Education Flex		5
PHY 2049C	Physics II with Calculus w/Lab	
Program Electives		
MAP 2302	Differential Equations	3
MAC 2313	Calculus with Analytic Geometry III	4
EGS 1006C	Introduction to the Engineering Profession	1
EGN 1007C	Engineering Concepts and Methods	1
EGN 2312	Engineering Analysis-Statics	3
EGS 2373	Principles of Electrical Engineering	3
EGN 2322	Engineering Analysis-Dynamics	3
EGN 2440	Probability and Statistics for Engineers	3
COP 1220	Introduction to Programming in C	3
	or EGN 2210C Engineering Analysis and Computation	
Total Hours		67

¹ Course satisfies the Social and Behavioral Sciences General Education State Core requirement for students who successfully complete the course in Fall 2024 or later.

*Total Hours: 60-92

*While a general Associate in Arts degree can be completed in 60 hours, the SAAT degree in Mechanical Engineering could exceed that based upon a student's math entry assessment placement or level of completion in algebra, high school foreign language completion, and high school chemistry.

Additional Articulation Agreement Requirements

- The following courses are required [A grade of "C" (2.0) or higher is required in each Common Program Prerequisite course listed below]:

- MAC 2311 Calculus with Analytic Geometry I
- MAC 2312 Calculus with Analytic Geometry II
- MAC 2313 Calculus with Analytic Geometry III
- MAP 2302 Differential Equations
- PHY 2048C Physics I with Calculus w/Lab
- PHY 2049C Physics II with Calculus w/Lab
- CHM 2045C General Chemistry I w/Lab
- Students shall apply for admission to UCF in accordance with the rules, policies, and procedures of UCF in effect at the time of application and within the established deadlines <https://www.ucf.edu/admissions/undergraduate/transfer/>.
- Lake-Sumter State College students who have completed the SAAT degree in Mechanical Engineering will be admitted to UCF consistent with university policy. After admission to UCF, students will be accepted into the College of Engineering and Computer Sciences as Mechanical Engineering majors consistent with the program's admission requirements.
- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311, MAC 2312, PHY 2048C, and CHM 2045C
- Other Course Requirements [A grade of "C" (2.0) or higher is required in each of the courses listed below]:
 - EGN 1007C Engineering Concepts and Methods
 - EGN 2312 Engineering Analysis-Statics
 - EGN 2322 Engineering Analysis-Dynamics
 - EGN 2440 Probability and Statistics for Engineers
 - EGS 1006C Introduction to the Engineering Profession
 - EGS 2373 Principles of Electrical Engineering
 - COP 1220 Introduction to Programming in C or EGN 2210C Engineering Analysis and Computation
- Students should enroll in the program before completing 30 credit hours, including but not limited to, college credits earned through acceleration mechanisms pursuant to s. 1007.27

in science, or baccalaureate degree, LSSC students under the 2022-2023 Catalog and thereafter must demonstrate competency in civic literacy through one of the following options prior to graduation:

- successfully passing POS 2041 American National Government or AMH 2020 U.S. History Since 1877, or AMH 2010 U.S. History to 1877 (beginning Fall 2024 forward), or AMS 2010 Civil Discourse and the American Political Order and achieving a 60% or higher on the Florida Civic Literacy Exam , or
- successfully passing a prescribed assessment:
 - AP Government & Politics Test: United States (passing score of 3), or
 - AP U.S. History Test (passing score of 4), or
 - CLEP: American Government (passing score of 50)
 - CLEP: History of the United States I (passing score of 50)

To verify your Civic Literacy Requirement, please visit Degree Works (<https://degreeworks.lssc.edu/>)

Students must complete 25% of the SAAT degree's total credits at LSSC to qualify for graduation.

For information about career options, visit www.lssc.edu/careers (<http://www.lssc.edu/careers/>).

Writing Emphasis or "Gordon Rule" Requirement

In addition to the two required Area I: Communications courses, SAAT students must select two additional courses from the list below to complete the remaining 6 credit hours of the 12 credit hour Writing Emphasis or "Gordon Rule" Writing (GRW) requirement. Courses used toward the satisfaction of this 12 credit hour Writing Emphasis (GRW) requirement must be passed with a grade of "C" or higher.

Click here for Writing Emphasis Courses (<https://lssc-public.courseleaf.com/academic-programs/associate-arts-program/writing-emphasis/>)

Foreign Language Requirement

- Competency in a Foreign Language is required for completion of the SAAT degree either by:
 - Completion of two (2) credits at the secondary (high school) level in the same language
 - Complete and pass the elementary 2 level or higher of one foreign language at the college level

Civic Literacy Requirement

As per the amended Florida Rule 6A-10.02413, prior to the award of a specialized associate in arts transfer degree, associate in arts, associate