

Transfer Pathway **Associate of Engineering in Mechanical Engineering**
College of Southern Idaho

Course #	Course Name	UofI Equivalent	Cr
1. General Education Requirements			
A. Written Communication (6 credits)			
ENGL 101	Writing and Rhetoric I	ENGL 101	3
ENGL 102	Writing and Rhetoric II	ENGL 102	3

B. Oral Communication (3 credits)			
COMM 101	Fundamentals of Oral Comm	COMM 101	3

C. Mathematical Way of Knowing (3-4 credits)			
MATH 170	Calculus I	MATH 170	5

D. Scientific Way of Knowing (7-8 credits)**			
CHEM 111	General Chemistry I	CHEM 111 & 111L	5
PHYS 211	Phsics Scientists & Engineers I	PHYS 211 & 211L	5

E. Humanistic Way of Knowing (6 credits)**			
PHIL 202	Ethics	PHIL 103	3

F. Social and Behavioral Way of Knowing (6 credits)**			
ECON 201	Principles of Macroeconomics	ECON 201	3
or ECON 202	Principles of Microeconomics	ECON 202	

G. Institutionally Designated Courses (5 credits)			

2. Degree Requirements			
COMS 229	CS & Programming 1	CS 120	3
COMS 229L	CS & Programming 1 Labs	CS 120	0
ENGI 105	CAD Engineering Graphics	ENGR 105	2
ENGI 120	Intro to Engineering	ME 123	2
ENGI 210	Mechanics Statics	ENGR 210	3
ENGI 220	Mechanics Dynamics	ENGR 220	3
ENGI 240	Electrical Circuits	ENGR 240	4
ENGI 295	Strengths of Materials	ENGR 350 (LWDV)	3
MATH 175	Calculus 2	MATH 175	4
MATH 275	Calculus 3	MATH 275	4
MATH 230	Intro to Linear Algebra	MATH 330	3
MATH 310	Ordinary Differential Equation	MATH 310 (LWDV)	3
PHYS 212	Physics Scientists & Engineers 2	PHYS 212 & 212L	5

Planning Notes

1. This document does not substitute for meeting with your advisor. See the current College of Southern Idaho catalog for complete degree requirements.
2. Transfer to the University of Idaho with an Associate from the College of Southern Idaho through the Articulation Agreement.
3. University of Idaho Transfer Policies and Course Equivalencies can be found at <https://www.uidaho.edu/registrar/transfer>.
4. Work with a College of Southern Idaho advisor to ensure proper course sequencing for the Associate degree.
5. Apply for admission to University of Idaho at <https://www.uidaho.edu/admissions/apply>.
6. Submit official transcripts to University of Idaho. Submit a final official transcript once your degree is posted.

*A full listing of applicable courses as well as guidelines for completion of the Associate is available at <http://csi.smartcatalogiq.com/2019-2020/Catalog>

**Credits must be earned from two different disciplines

Minimum Total Credits 63

Course #	Course Name	Cr
ENGL 317	Technical Writing	3
ENGR 335	Engineering Fluid Mechanics	3
ENGR 350	Engineering Mechanics of Materials	3
MSE 201	Elements of Materials Science	3
ME 223	Mechanical Design Analysis	3
ME 301	Computer Aided Design Methods	3
ME 313	Dynamic Modeling of Engineering Systems	3
ME 322	Mechanical Engineering Thermodynamics	3
ME 325	Machine Component Design I	3
ME 330	Experimental Methods for Engineers	3
ME 341	Intermediate Mechanics of Materials	3
ME 345	Heat Transfer	3
ME 416	FE Exam Review	1
ME 424	Mechanical Systems Design I	3
ME 426	Mechanical Systems Design II	3
ME 430	Senior Lab	3
ME 435	Thermal Energy Systems Design	3
PHYS 212	Engineering Physics II	3
PHYS 212L	Laboratory Physics II	1

Planning Notes

1. This document does not substitute for meeting with your advisor. See the current University of Idaho catalog for complete degree requirements at: <https://catalog.uidaho.edu/>
 2. Presenting this document to your academic advisor can allow you to be moved to the 2019-2020 University of Idaho catalog.
 3. To graduate with this degree, the department requires a institutional GPA of at least 2.0 in all courses completed at the University of Idaho.
 4. A minimum of 120 credits is required.
 5. Review the Degree Audit regularly to check your status of completion of major and/or minor.
- *A full listing of applicable courses as well as guidelines for completion of the Bachelor degree is available at <https://catalog.uidaho.edu>

Technical Elective Requirements		15

Minimum Total Credits 128