

ASSOCIATE OF SCIENCE DEGREE (AS)

The Associate of Science Degree is a general transfer program for students who are planning to transfer to UNLV, UNR, NSC, GBC or another baccalaureate-level institution. A secondary objective may be employment upon completion of the AS.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Formulate and apply the principles and equations of rigid body equilibrium in the solution of equilibrium problems involving particles and rigid bodies.
- Develop and draw free body diagrams in the solutions of particle and rigid body equilibrium problems.
- Develop and apply “kinematic” principles in the solutions of particle and rigid body dynamic problems.
- Develop and apply “kinetic” principles in the solutions of particle and rigid body dynamic problems.
- Ability to formulate, draw and apply free body diagrams and kinetic diagrams in the solutions of particle and rigid body dynamic problems.

ALL CSN COURSES TRANSFER; HOWEVER, THOSE WITH “B” SUFFIXES SPECIFICALLY DO NOT TRANSFER TO NSC, UNLV, AND UNR. IN SUBJECT AREA LISTED BELOW WHERE SPECIFIC COURSE NUMBERS ARE NOT LISTED, CONSULT A COUNSELOR/ADVISOR TO ENSURE TRANSFERABILITY OF ALL COURSES.

Courses with “G” suffixes are designated Honors level courses and can be used to fulfill equivalent general education requirements.

GENERAL EDUCATION REQUIREMENTS (35 Credits):

	CR	SEMESTER
ENGLISH: ENG 100 or 101 or 113 and 102 or 114	6-8	_____
LITERATURE: ENG 223 or above	3	_____
FINE ARTS: ART, DAN 101, Music, THTR	3	_____
HUMANITIES: COM 101 and ENG 235 or above, HIST, International Languages 111 or above, PHIL, WMST 113	6	_____
MATHEMATICS: MATH 181	4	_____
SOCIAL SCIENCES: (Nine credits must be from two different disciplines): ANTH, CRJ 101, ECON, PSC, PSY, SOC, WMST 113	9	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

SPECIAL PROGRAM REQUIREMENTS (26 Credits):

	CR	SEMESTER
CEE 241 Statics	3	_____
CHEM 121 General Chemistry I	4	_____
MATH 182 Calculus II	4	_____
ME 242 Dynamics	3	_____
PHYS 180 Physics for Scientists and Engineers I	3	_____
PHYS 180L Physics for Scientists and Engineers Lab I	1	_____
PLUS		
FOR CIVIL ENGINEERING:		
GEOL 101 Geology: Exploring Planet Earth	4	_____
PHYS 181 Physics for Scientists and Engineers II	3	_____
PHYS 181L Physics for Scientists and Engineers Lab II	1	_____
OR		
FOR MECHANICAL ENGINEERING:		
MATH 283 Calculus III	4	_____
PHYS 182 Physics for Scientists and Engineers III	3	_____
PHYS 182L Physics for Scientists and Engineers Lab III	1	_____

ASSOCIATE OF SCIENCE

61
Total Credits

PEN A01

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.