

## Associate of Science General Engineering

DEGREE CHECK SHEET  
2014-2016 ACADEMIC YEAR

NAME: \_\_\_\_\_  
ID #: \_\_\_\_\_

Program Manager: Jonathan Hebert, 287-6653  
Rev. 05/14

**MINIMUM REQUIREMENTS FOR THIS ASSOCIATE DEGREE AT NMSU GRANTS:**

The Associate of Science in General Engineering prepares the student for transfer to a four-year institution to earn a Bachelor of Science degree in Engineering. The first four semesters of classes are similar throughout the various engineering fields. The student must work closely with an Advisor to select the best options for a successful transition to the four-year institution of his/her choice.

**New Mexico Common Core: (36 credits)**

<u>Area I Communication 9-10 cr</u>	<u>SEMESTER</u>	<u>CREDITS</u>	<u>GRADE</u>
ENGL 111G	_____	4	_____
ENGL 218G or 203G	_____	3	_____
COMM 253G or 265G	_____	3	_____

**Area II Math (8 cr)**

MATH 191G Calculus and Analytic Geometry I	_____	4	_____
MATH 192G Calculus and Analytic Geometry II	_____	4	_____

**Area III Lab Science (8 cr.)**

CHEM 111G	_____	4	_____
PHYS 215G	_____	3	_____
PHYS 215GL	_____	1	_____

Additional Natural Sciences (select at least 8 cr)

CHEM 112G	_____	4	_____
PHYS 216G & PHYS 216GL	_____	4	_____
GEOL 111G	_____	4	_____
Other approved Lab Science (4 cr)	_____	_____	_____

**Area IV Social/Behavioral Sciences (9 cr)**

ECON 251G Principles of Microeconomics	_____	3	_____
Select 2 more "G" courses: ECON, GOVT, PSY, SOC or ANTH	_____	3	_____
	_____	3	_____

<u>COURSE</u>	<u>COMPLETED</u>	<u>CREDITS</u>	<u>GRADE</u>
<b>Area V: HUMANITIES AND FINE ARTS (6 cr)</b>			
ENGL Literature "G"	_____	_____	_____
ART 101G, ART110G, MUS 101G, MUS 201G, THTR 101G	_____	_____	_____
History G	_____	_____	_____
Philosophy G	_____	_____	_____

**ENGINEERING (15 cr)**

<b>Group I (Select at least 9 credits)</b>			
ENGR 100 Intro to Engineering	_____	3	_____
C E or E T or DRFT 109 Computer Drafting Fundamentals OR DRFT 114	_____	3	_____
ENGR 111 MatLab Programming	_____	3	_____

**Group II (Select at least 6 credits)**

C E 233 Mechanics Statistics 3 cr	_____	_____	_____
E E 280 DC and AC Circuits 4 cr	_____	_____	_____
MATH 291G Calculus and Analytic Geometry III 3 cr	_____	_____	_____
C E 151 Introduction to Civil Engineering OR G EN 151 Introduction to Geological Engineering 3cr	_____	_____	_____
E E 161 Computer Aided Problem Solving 4 cr	_____	_____	_____

**Electives to bring total credits to a minimum 66 credits:**

<b><u>Other Course Requirements (min 2 credits)</u></b>			
COLL 101	_____	1-3	_____
_____	_____	_____	_____
_____	_____	_____	_____

**TOTAL: MINIMUM OF 66-67 CREDITS**

ENGL 112 Rhetoric and Composition II is highly recommended for those students transferring to another university other than NMSU.

FINAL CUMULATIVE GPA.....	_____
CREDIT HOURS COMPLETED.....	_____
CREDIT HOURS IN PROGRESS.....	_____
HOURS NOT APPLIED TO GRADUATION.....	_____
TOTAL HOURS FOR GRADUATION.....	_____

<b>"N" Courses</b>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_