

## **ARTICULATION AGREEMENT**

Between **AAS – Advanced Systems Technology**  
at Central New Mexico Community College and  
**Electronics and Computer Engineering Technology** at  
New Mexico State University



**Electronics and Computer  
Engineering Technology**



We establish this Articulation Agreement to assist students, who upon completion of their associate degree studies at the Central New Mexico Community College (CNM), transfer into the Electronics and Computer Engineering Technology Program at New Mexico State University (NMSU). Upon satisfying the requirements of this Agreement including the Contingencies listed below, the Department of Engineering Technology at NMSU will recognize the transfer student as having met the requirements for courses as listed in the articulation table below.

### **Contingencies**

The actual awarding of equivalent course work/credits is contingent on the Transfer Student achieving the following:

1. Earning a grade of 'C' or better in all CNM substitute courses as listed in the Articulation Table.
2. Completion of the requirements of the Associate of Applied Science Degree in Advanced Systems Technology or an equivalent program at CNM
3. Maintenance of a cumulative GPA of at least 2.00.

### Articulation Table

Central New Mexico Community College			Equivalent NMSU courses required for the BSET (Electronics and Computer Engineering Technology – [ECET] Program)			C O M P L E T E
Course No.	Course Title	Cr.	Course No.	Course Title	Cr.	
<b>General Education Area I: Communications</b>						
ENG 1101	College Writing	3	ENGL 111	Rhetoric and Composition	3	
ENG 2219	Technical Writing	3	ENGL 218	Technical and Professional Communication	3	
COMM 2221	Interpersonal Communication Studies	3	COMM 265	Principles of Human Communication	3	
<b>General Education Area II: Mathematics</b>						
MATH 1410 and MATH 1415	Trigonometry Advanced Algebra	4	Math 190	Pre-Calculus	4	
<b>General Education Area III: Laboratory Science (8 credits)</b>						
PHYS 1510 + 1592	Physics I	4	PHYS 211/211L	General Physics I (w/lab)	4	
PHYS 1610 + 1692	Physics II	4	PHYS 212/212L	General Physics II (w/lab)	4	
<b>General Education Area IV: Social/Behavior Science (6 to 9 credits)</b>						
	Approved NM general education course	3			3	
	Approved NM general education course	3			3	
<b>General Education Area V: Humanities/Fine Arts (6 to 9 credits)</b>						
	Approved NM general education course	3			3	
	Approved NM general education course	3			3	
<b>General Education Area IV or V: Social/ Behavior Science or Humanities/Fine Arts (3 credits)</b>						
	Approved NM general education course	3			3	

Additional Lower Division Credits Requirements					
MATH 1460	Elements of Calculus I	3	Math 235	Calculus I for Technology	3
MATH 1465	Elements of Calculus II	3	Math 236	Calculus II for Technology	3
CHEM 1710	Chemistry with Lab	4	CHEM 111/111L	General Chemistry (w/Lab)	4
ECET Lower Division Core Requirements					
	Waive with completion of the A.A.S. from CNM		ET 101	Intro to Engineering Technology	1
IT 1010	Introduction to Computers	3	ET 120	Computation and Presentation Software	3
ELEC 1101	DIGITAL CIRCUITS CONCEPTS AND DESIGN	3	ET 282	Digital Electronics	3
ELEC 1192	DIGITAL CIRCUITS CONCEPTS AND DESIGN LAB	2	ET 182	Digital Logic	3
ELEC 1004	DC/AC Circuits	4	ET 183/183L	Applied DC Circuits	3
ELEC 1092	DC and AC Circuits Lab	2	ET 184/184L	Applied AC Circuits	3
ELEC 1202 ELEC 1292	Semiconductor/Solid State Devices Semicon/SS Devices Lab	3 2	ET 246	Electronic Devices I	4
	Take JAVA intro or C++ programming course from CNM	3	ET 262	Software Technology I	3
<b>Total Credits Completed at CNM meeting BSET (ECET</b>					<b>68</b>
<b>Total = 68</b>		<b>Total credits meeting BSET (ECET Program) requirements =</b>			<b>68</b>
Total of Other Credits Completed at CNM or NMSU					
Offered online by NMSU			ET 272	Electronic Devices II	4

**Online courses remaining to complete degree BSET (ECET)  
(Electronics and Computer Engineering Technology Program)**

ET 302, Statistics .....	3
ET 314, Communication Systems I .....	3
ET 324, Linear Integrated Circuits .....	4
ET 344, Microcomputer Systems .....	3
ET 362, Software Technology II .....	3
ET 377, Computer Networking I .....	3
ET 381, Renewable Energy Technologies.....	3
ET 398, Digital Systems .....	3
ET 402, Instrumentation .....	3
ET 410, Senior Seminar .....	1
ET 440, Senior Design .....	2

ET 441, Senior Project .....	2
ET 444, Hardware/Software Design .....	3
ET 462, Remote Access Systems .....	3
IE 451, Engineering Economy .....	3
Technical Elective .....	9
Viewing A Wider World .....	6
	<b>Total credits = 130</b>

**Minors**

**Renewable Energy Technology**

[http://etse.nmsu.edu/academics/prgrm\\_min\\_ret.html](http://etse.nmsu.edu/academics/prgrm_min_ret.html)

**Information Technologies**

[http://etse.nmsu.edu/academics/prgrm\\_min\\_infotech.html](http://etse.nmsu.edu/academics/prgrm_min_infotech.html)