

Student _____
 ID# _____
 Advisor _____

NEW RIVER COMMUNITY COLLEGE

2010-2011 CATALOG

**INSTRUMENTATION AND CONTROL AUTOMATION TECHNOLOGY
 A.A.S. DEGREE**

Sem. & Yr. Taken	<u>FIRST SEMESTER (Fall)</u>			Sem. & Yr. Taken	<u>THIRD SEMESTER (Fall)</u>		
_____	ITE 115	Computer Applications and Concepts	3	_____	ELE 233	PLC Systems I	4
_____	ENG 111	College Composition I (or ENG 115)	3	_____	CAD 231	Computer Aided Drafting	2
_____	ETR 113	DC & AC Fundamentals I	4	_____	MEC 155	Mechanisms	2
_____	MTH 115	Technical Mathematics I (or MTH 163)	3	_____	INS 220	Introduction to Fluid Power	3
_____	SDV 100	College Success Skills	1	_____	INS 230	Instrumentation I	4
_____	SAF 127	Industrial Safety	<u>2</u>	_____	_____	Social Science Elective ¹	<u>3</u>
			16				18
Sem. & Yr. Taken	<u>SECOND SEMESTER (Spring)</u>			Sem. & Yr. Taken	<u>FOURTH SEMESTER (Spring)</u>		
_____	ELE 149	Industrial Wiring	3	_____	INS 231	Instrumentation II	4
_____	ETR 114	AC & DC Fundamentals II	4	_____	INS 232	System Troubleshooting	2
_____	ETR 167	Logic Circuits & Systems	4	_____	INS 233	Process Control Integration	4
_____	ETR 203	Electronic Devices I	4	_____	CST 137	Oral Interpretation	3
_____	PHY 131	Applied Physics I	<u>3</u>	_____	_____	Social Science Elective ¹	3
			18	_____	_____	Health, Phys. Ed., Recreation	<u>1</u>
							17

TOTAL MINIMUM CREDITS FOR A.A.S. DEGREE - 69

¹Students may choose from college approved Social Science electives in the NRCC catalog.

NOTE: All courses must be taken in sequence as shown below:

ETR 113 Corequisite = MTH 04 ETR 203 Coreq. = ETR 114 ELE 233 Prereq.= ETR 167
 ETR 114 Corequisite = MTH 115 ETR 167 Corequisite = ETR 203