



**Instrumentation Articulation Agreement between**  
**New River Community College and Bluefield State College**

Bluefield State College	New River Community College
ELET 120 Electrical Drafting (2)	DRF 130 Intro. to ELE/ETR Drafting (2) ✓
COSC 100 BASIC (3)	EGR 127 Intro. to Comp. Prog. (2) ✓
ENGL 101 Composition I (3)	ENG 111 College Composition I (3) ✓
ELET 110 Circuit Analysis I (4)	ETR 113 Direct Cur. Fund. (4) ✓
ELET 112 Electrical Measurements (1) ELET 101 Electrical Assembly Lab (1)	ETR 114 Alternate Cur. Fund. (4) ✓
GNET 115 Technical Math I (3)	MTH 171 Pre-Calculus I (3) ✓
GNET 115 Technical Math II (3)	MTH 271 Applied Calculus I (3) ✓
PSYC 103 General Psychology (3)	PSY 201 Intro. to Psych. (3) ✓
SOCI 210 Principles of Sociology (3)	SOC 201 Intro. to Sociology (3) ✓
A Core B Elective (3) will match PLS 135	OR PLS 135 Basics of American Politics (3) ✓
ECON 211 Principles of Economics (3)	OR ECO 201 Survey of Economics (3) ✓
Open/Technical Elective (1)	STD 100 Orientation (1) ✓
ELET 201 Electronics I (4)	ETR 203 Electronic Devices I (4) ✓
ELET 202 Electronics II (4)	ETR 204 Electronic Devices II (4) ✓
SPCH 208 Fundamentals of Speech (3)	SPD 105 Oral Communications (3) ✓
ELET 218 Fund. of Digital Computers (4)	ETR 167 Logic Circuits and Systems (4) ✓
*Health or Phys. Ed. (2)	HEALTH OR PHY. ED. (2) ✓
ELET 316 Programmable Controllers (2)	ELE 239 Programmable Controllers (2) ✓
MEET 209 Industrial Practice (3)	INS 211 Intro. to Instrumentation I (7) ✓
Technical Elective (7)	INS 212 Intro. to Instrumentation II (7) ✓
Technical Elective (2)	INS 215 Fund. Indus. Inst. & Prog. (2) ✓
PHYS 201/223 General Physics I (4)	PHY 201 Gen. Coll. Physics I (4) ✓
PHYS 202/224 General Physics II (4)	PHY 202 Gen. Coll. Physics II (4) ✓
Technical Elective (2)	INS 299 Super. Study (2) ✓
Technical Elective (2)	INS ELECTIVE (2)
Open Elective (3)	OPEN ELECTIVE (3)
Open Elective (3)	GENERAL EDUCATION ELECTIVE (3)
	<u>Elective Courses for Instrumentation:</u> INS 220 Intro. to Fluid Power (2) INS 225 Fluidic Log. Control (2) INS 235 Nuclear Ins. & Cont. (2) INS 297 Cooperative Education (1-5)

\*Bluefield State College requires all non-handicapped students to take physical education rather than health.