

Surgical Technology (Certificate)	ST 112	Surgical Technologists Certification Exam
Welding (Certificate)	WELD 261	American Welding Society exam (AWS)
Welding Technology (AAS)	WELD 260	AWS

### TRANSFER FROM OTHER INSTITUTIONS

Credits and grades from college-level courses completed at regionally accredited institutions of higher education are transferable to WVU Parkersburg. Credits and grades are recorded on the WVU Parkersburg transcript with equivalents noted, when applicable. Students must meet total degree credit hour requirements for all WVU Parkersburg degrees.

### GRADUATE DEGREES AVAILABLE AT WVU PARKERSBURG

The following graduate programs are available on the Parkersburg campus:

**Executive Master of Business Administration.** This degree is offered by the College of Business and Economics at West Virginia University and can be completed entirely on the Parkersburg campus.

**Master of Arts in Instructional Communication and Master of Arts in Corporate and Organizational Communication.** The entire degree is offered by the College of Arts and Science at West Virginia University.

**Master of Arts in Education.** Masters' degrees in several areas of education are offered by the College of Human Resources and Education at West Virginia University.

## SECTION VII

# Career Ladders

Career Ladders are designed to provide a seamless pathway from one degree level to the next. Most Career Ladders provide a pathway that begins at the certificate level (30 credit hours), and then moves to the associate degree level (60 hours), and finally to the Bachelor degree level (120 hours). The content at each level builds on the information from the previous level. Progress as far as you wish along the way.

### CHILD DEVELOPMENT

#### Certificate in Applied Science – 31 Credit Hours

The certificate is an initial entry and exit point for students interested in a career in child development.

	Course	Credit
EDUC 250	Intro to Early Education	3
CDEV 105	Family and the Child	3
CDEV 210	Curriculum and Strategies for Early Childhood Programs	3
ENGL 101	English Composition I	3
PSYC 241	Human Growth and Development	3
CDEV 205	Young Children with Special Needs	3
MATH 100	Intermediate Algebra	4
CDEV 240	Observation & Assessment Strategies	3
CDEV 155	Guiding Young Children	3
EDUC 255	Language Arts & Emergent Literacy	3
		31

#### Certificate Career Opportunities\*

Job	Average Hourly Rate
Child Care Workers	\$7.25
Nannies	\$7.25

**Associate in Applied Science – 60 Credit Hours**

This associate degree program provides preparation for those interested in working in childcare, Head Start, or preschool collaboratives. Students may receive credit hours for completion of the Apprenticeship for Child Development Specialist program or a valid current CDA credential. Credit is determined based on review of student records by a certification analyst. The AAS in Child Development degree builds upon the Certificate in Child Development program. Section 6 Programs of Study outlines requirements for admission to this program.

Course	Credit
Certificate in Child Development courses shown above	31
CDEV 243 Infant and Toddler Development	3
SOC 221 Marriage and the Family	3
ENGL 102 English Composition II	3
HPER 172 First Aid	2
CDEV 242 Preschool Development	3
HPER 215 Personal and Community Health	2
CDEV 251 Capstone	4
CDEV 255 Capstone Seminar	3
CS 108 Educational Technology	3
COMM 111 Fundamentals of Speech	3
	60

**Associate Degree Career Opportunities\***

Job	Average Hourly Rate
Recreation Workers	\$9.33
Teacher Assistants	\$9.45

**Bachelor of Applied Science - Child Development – 120 Credit Hours**

The Bachelor of Applied Science with an emphasis in Child Development provides preparation for those interested in working in childcare, Head Start, resource and referral, birth to three or as a paraprofessional. The BAS with an Emphasis in Child Development does not lead to teacher certification. Students interested in working in a public school as a preschool teacher should pursue the elementary education degree with an early education pre-K endorsement. Section 6 Programs of Study outlines requirements for admission to this program.

Certificate and AAS courses listed above	60
PSCI 111, 111L or Intro to Physical Science and lab or	4
PSCI 112, 112L or Intro to Earth Science and lab or	
BIOL 101, 103 or General Biology I and lab or	
BIOL 102, 104 General Biology II and lab	
MATH 126 College Algebra	3
CDEV 320 Ethics and Administration of Early Childhood Programs	3
EDUC 300* Theories of Learning	3
SOC 360 or 405 Gender and Human Identity or	3
Intro to Social Inequality	
ART 101, MUSI 170, THEA 101 Art, Music or Theatre Appreciation	3
MATH 304 Media and Communication for Math	2
CDEV 332 Science Exploration for Pre K	3
SOC 323 Rural Sociology	3

CDEV 325 Ethics and Administration For Early Childhood Professionals	3
ENGL 131 or 132 Types of Literature I or II	3
PSYC 363 Theories of Personality	3
CDEV 335 Creative Experiences in Early Education	3
CDEV 336 Early Experience in Social Studies	3
EDUC 230* Cooperative Discipline	3
ENGL 403 Children’s Literature	3
EDUC 302 Strategies in Early Education	3
EDUC 402* Early Childhood Curriculum	2
CDEV 405 Practicum in Early Childhood	3
CDEV 406 Seminar in Early Childhood	4
	120

\*Field experience required.

**Bachelor Degree Career Opportunities\***

Job	Average Hourly Rate
Education Administrators, Preschool and Child Care Center/Program	\$14.37
General and Operations Managers (includes Small Business Owners)	\$26.76

**CRIMINAL JUSTICE**

**Certificate in Applied Science – 30 Credit Hours**

CJ 111 Introduction to Criminal Justice	3
CJ 112 Criminal & Constitutional Law	3
CJ 123 Introduction to Corrections	3
CJ 213 Probation & Parole	3
CJ 270 Courtroom Procedure	3
PHIL 231 Workplace Ethics	3
PSYC 101 Introduction to Psychology	3
SOC 101 Introduction to Sociology	3
ENGL 101 Composition I	3
COMM 111 Fundamentals of Speech	3

**Certificate Career Opportunities\***

Job	Average Hourly Rate
Animal Control Workers	\$13.83
Bailiffs	\$16.73
Parking Enforcement Workers	\$15.15
Security Guards	\$9.76

**Associate in Applied Science – 60 Credit Hours**

This degree program studies society’s formal control systems, the administration of justice and the criminal process. It covers various aspects of police and security work, criminal law and the courts, the penal system, crime prevention and investigation, correctional theories, and root causes of crime. It is a program designed to provide students with a basic understanding of the criminal justice system and the basic skills needed to further education and work in law enforcement, corrections, and justice. CJ 111 is to be the first CJ course for Criminal Justice majors. CJ 291 will be taken the semester of graduation. A major field test will be taken in CJ 111 and again in CJ 291. The AAS in Criminal Justice is also available for completion as an online program. Section 6 Programs of Study outlines requirements for admission to this program.

Course	Credit
Certificate in Applied Science in Criminal Justice courses from above	30
CJ 291 Internship	3
CJ Elective	3
PSYC 281 Abnormal Psychology	3
Math 126 (or higher) or CS 101 College Algebra (or higher) OR Intro to Computing	3
HPER 172 or CJ 211 Standard First Aid or Policy Physical Agility	2
SOC 232 Criminology	3
SOC 233 or SOC 235 Juvenile Delinquency or Race Relations & Min Groups	3
POLS 101 or POLS 102 Elements of Democratic Govt. or American Fed Govt.	3
ENGL 102 Composition II	3
Natural Science	4
CS 101 or MATH 126 Introduction to Computing or College Algebra	3
	60

**Associate Degree Career Opportunities\***

Job	Average Hourly Rate
First-Line Supervisors/Managers of Police and Detectives	\$22.16
Police Detectives	\$16.63
Police Patrol Officers	\$14.01
Private Detectives and Investigators	\$16.90

**Bachelor of Applied Science Criminal Justice – 120 Credit Hours**

This program includes studies of the administration of criminal justice and the criminal justice process. The degree has two concentrations: Administration of Criminal Justice and Crime Scene Investigations. Both concentrations provide the student with a comprehensive overview of the criminal justice system, process and theories involved. The degree will prepare the student for a rewarding career in the criminal justice field in jobs such as: police officer, crime scene tech, correctional officer, investigator, pre-law and probation. Section 6 Programs of Study outlines requirements for admission to this program.

Course	Credit
Certificate and AAS Degree Courses from above	60
SPAN 103 Spanish for First Responders	3
Math 126 (or higher) College Algebra	3
OR CS 101 Intro to Computing**	
CJ 440 Research Methods in CJ	3
CJ 404 Advanced Police Report Writing	3
CJ 305 Interviewing & Crisis Management	3
CJ 150 Police Report Writing	3
CJ 460 Capstone	2
CJ Electives (5 courses @ 3 hours each)	15
**BOTH CS 101 and MATH 126 (or higher) are required for the BASCJ degree.	35

Choose one of the following concentrations.

**Administration of Justice**

PSYC 231 Leadership & Human Relations	3
CJ 121 Police Administration and Supervision	3
Natural Science Elective Lab Science	4
POLS 220 State & Local Govt.	3
CJ Electives (4@300 level or higher)	12
<b>Total</b>	<b>120</b>

**Crime Scene Investigation**

CJ 280 Death Investigations	3
CJ 315 Police Technology	3
CJ 321 Evidence Collections & Handling	3
CJ 330 Firearms & Ballistics	3
CJ 341 Fingerprints & Trace Evidence	3
CJ 355 Crime Scene Investigations	4
CJ 375 Crime Scene Photography	3
CJ 388 Bloodstain Patterns	3
<b>Total</b>	<b>120</b>

**Bachelor Degree Career Opportunities\***

Job	Average Hourly Rate
Criminal Investigators and Special Agents	\$16.63
Fish and Game Wardens	\$21.19
Forensic Science Technicians	\$22.47
Probation Officers and Correctional Treatment Specialists	\$13.15

## Electricity & Instrumentation and Multi-Craft Technology

### Certificate in Applied Science in Electricity & Instrumentation – 30 Credit Hours

The E&I certificate provides basic skill sets for working as an electrician or instrumentation technician in an industrial setting.

	Course	Credit
MTEC 102	Introductory Craft Skills	2
MTEC 103	Introduction to Maintenance Technologies	3
ELEC 102	Electrical & Instrumentation Technology 1	3
ELEC 103	Electrical & Instrumentation Technology 2	3
ELEC 104	Electrical & Instrumentation Technology 3	3
MATH 107	Shop Math	3
ELEC 202	Electrical & Instrumentation Technology 4	3
ELEC 203	Electrical & Instrumentation Technology 5	3
ELEC 204	Electrical & Instrumentation Technology 6	3
ENGL 107	Technical Writing	3
ELEC 260	Capstone Course	1
	<b>Total</b>	<b>30</b>

#### Certificate Career Opportunities\*

Job	Average Hourly Rate
Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$17.90
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	\$21.85

### Associate in Applied Science in Multi-Craft Technology – 61 Credit Hours

This program prepares graduates for positions as technicians that install, service, repair and maintain equipment in today’s modern industrial, commercial and/or manufacturing facilities. Students learn many aspects of maintenance activity that are required to be successful in several business sectors. Students learn technical skills in reading schematics, pneumatics/hydraulics, welding, fabrication, electricity and safety and maintenance procedures. Educational experiences include extensive hands-on instruction in a laboratory/shop setting. This blend of theory and application helps the student to adapt to changing technology and work environments.

	Course	Credit
Certificate of Applied Science	Courses from above	30
IM 101	Industrial Maintenance 1	3
IM 102	Industrial Maintenance 2	3
IM 103	Industrial Maintenance 3	3
IM 201	Industrial Maintenance 4	3
IM 202	Industrial Maintenance 5	3
IM 203	Industrial Maintenance 6	3
MATH 108	Shop Math 2	3
COMM 112	Interpersonal Communication	3
PHIL 231	Workplace Ethics	3
CS 101	Introduction to Computing	3

MTEC 280

Capstone Course

1  
61

#### Associate Degree Career Opportunities\*

Job	Average Hourly Rate
Electrical Engineering Technicians	\$29.01
Industrial Engineering Technicians	\$21.43

### Bachelor of Applied Technology with a Concentration in Management – 120 Credit Hours

The bachelor of applied technology (BAT) offers an exciting opportunity to pursue a career as a manager/executive or engineering technician of complex technological systems. This area is identified as the largest growing occupation in the next five years. The degree completes a 2+2 educational process. In the first two years, students complete an applicable associate of applied science degree. The last two years is the BAT program.

	Course	Credit
Certificate and AAS Courses	from above	61
MGMT 338	Labor Relations	3 hrs.
ENVR 310	Topics in Environmental Science	3 hrs.
GBUS 310	Business Law	3 hrs.
FIN 356	Fundamentals of Investing	3 hrs.
STEM 420	Project Management	3 hrs.
MGMT 333	Human Resource Management	3 hrs.
MGMT 322	Organizational Behavior	3 hrs.
MGMT 230	Principles of Management	3 hrs.
STEM 393 OR STEM 460	Cooperative Work Experience OR Interdisciplinary Project	1 hr.
GBUS 304	Advanced Excel	3 hrs.
COMM 303	Business and Professional Communication	3 hrs.
PHIL 347	Advanced Ethics	3 hrs.
PSYC 310	Environmental Psychology	3 hrs.
COMM 306	Human Communication in Organizations/Institutions	3 hrs.
MATH 112	Technical Math 2	4 hrs.
MATH 211	Statistics	3 hrs.
ENGL 102	Composition 2	3 hrs.
GBUS 101	Introduction to Business	3 hrs.
PHIL 231	Workplace Ethics	3 hrs.
NATURAL SCIENCE ELECTIVE		4 hrs.
		121

#### Bachelor Degree Career Opportunities\*

Job	Average Hourly Rate
Industrial Production Managers	\$41.57
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$20.18

**Legal Studies**

**Certificate in Applied Science Legal Studies – 30 hours credit**

Students may earn a certificate in Legal Studies. This legal studies career pathway begins with the certificate, which is embedded into the AAS and leads to the Bachelor of Science in Legal Studies. Requirements for Certificate: 30 hrs.

Course	Credit
LS 101	3
ACCT 123	3
CS 101	3
LS 210	3
LS 220	3
LS 231	3
SPCH 111	3
SOC 101	3
ENGL 101	3
PSYC 101	3
<b>Total</b>	<b>30</b>

**Associate in Applied Science Legal Studies – 60 credit hours**

Students may earn an Associate in Applied Science in Legal Studies. This Legal Studies career pathway begins with the certificate, which is embedded into the AAS and leads to the Bachelor of Science. Section 6 Programs of Study outlines requirements for admission to this program.

Course	Credit
Certificate in Legal Studies courses from above	30
LS 240	3
CJ 270	3
LS 291	3
BTEC 275	3
SOC 233 or SOC 235	3
SOC 232	3
POLS 101	3
ENGL 102	3
Lab Science	4
HPER 172 or HPER 215	2
CJ 221	3
<b>Total</b>	<b>60</b>

**Bachelor of Applied Science Legal Studies - 120 credit hours**

This program will allow students to earn a Bachelor Degree in Applied Science (BAS) in Legal Studies. This Legal Studies career pathway begins with a certificate, which is embedded into the AAS and leads to the Bachelor of Applied Science. Section 6 Programs of Study outlines requirements for admission to this program.

Course	Credit
Certificate and AAS courses from above	60
CJ 111	3
CJ 112	3

CJ 213	3
CJ 313	3
LS 311	3
LS 315	3
LS 320	3
LS 330	3
LS 335	3
LS 460	2
PSYC 365	3
POLS 102	3
MATH 126	3
POLS 211	3
POLS 220	3
COMM 303	3
GBUS 310	3
GBUS 412	3
Lab Science	4
SPAN 103	3

**120**

**Nursing**

**Certificate in Allied Health – 30-31 Credit Hours**

This degree certificate prepares a student for entry into the nursing program or other health care fields. It allows the student to choose a pathway to certified nursing assistant and phlebotomist as an alternative to nursing. Upon successful completion of this degree certificate and completion of the certification exams, the graduate will have opportunities for employment in long term care facilities, clinics, physician offices and laboratories.

Course	Credit
ENGL 101	3
PSYC 101	3
BTEC 253	3
BIOL 107* or BIOL 109/113	4-5
MATH 100	4
Skills Sets**	14-15
<b>Total</b>	<b>30-31</b>

\*CS 101 may be substituted for BIOL 107

\*\*14 hours of Skills Sets must be completed. NURS 134 may be substituted for CNA 101

**Certificate Career Opportunities\***

Job	Average Hourly Rate
Home Health Aides	\$8.33
Personal Care Aides	\$8.09

**Associate in Applied Science in Nursing – Certificate +50 Credit Hours**

This associate degree program is designed to guide qualified students through structured learning experiences in health care settings to meet eligibility requirements for the National Council Licensing Examination for Registered Nurses. WVU Parkersburg’s associate degree in nursing is approved by the West Virginia Board of Examiners for Registered Professional Nurses and accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta, Georgia, 30326. Phone: **404.975.5000**, Fax: **404.975.5020**, Website: **www.nlnac.org**. Section 6 Programs of Study outlines requirements for admission to this program.

Course	Credit
Certificate in Allied Health courses above	30-31
NURS 132 Drug and Dosage Calculation I	1
NURS 133 Health Assessment and Diagnostics I	2
NURS 134 Introduction to Nursing Concepts	8
NURS 142 Drug and Dosage Calculation II	1
NURS 143 Health Assessment and Diagnostics II	1
NURS 144 Nursing Concepts of Health and Illness I	9
BIOL 108 Anatomy & Physiology 2	4
NURS 234 Nursing Concepts of Health and Illness II	9
NURS 244 Synthesis of Nursing Concepts	9
BIOL 200 Microbiology	3
NURS 245 Professional Nursing and Health Systems Concepts	3
	50 +30-31 = 80-81

**Associate Degree Career Opportunities\***

Job	Average Hourly Rate
Registered Nurses (Acute Care setting)	\$22.45

**Bachelor of Science BS in Nursing – + 60 Credit Hours**

Course	Credit
Certificate and AAS courses from above	80-81
NURS 311 Framework for Professional Practice	4
NURS 320 Health Assessment and Promotion Across the Life Span	3
NURS 324 Trends and Issues of Health Care	3
NURS 330 Informatics: Concepts, Application & Issues	3
NURS 440 Research in Professional Nursing	3
NURS 431 Legal and Ethical Issues in Nursing	3
NURS 450 Evidence-Based Practice in Professional Nursing	3
NURS 451 Leadership and Management in Professional Nursing	3
NURS 452 Community and Population Based Health Care	4
MATH 100 Intermediate Algebra	4
MATH 211 Statistics	3
COMM 111 Fundamentals of Speech	3
PHIL 150 Intro to Ethics	3
ART 101 or	3
MUSI 101 or THEA 101	3
ENGL Literature Elective	3
BIOL/CHEM/PHYS Science Elective	3
PSYC/SOC Elective	3
HIST Elective	3
Elective	3
	<b>139-140</b>

**Bachelor Degree Career Opportunities\***

Job	Average Hourly Rate
Registered Nurses (Acute Care setting)	\$22.45

\*Source: EMSI for region consisting of Jackson, Pleasants, Ritchie, Roane, Tyler, Wirt, and Wood Counties, WV.