



# Blue Ridge Community & Technical College

## EDGE Courses by degree

2007-2008

High School Courses	Credits	CTC Corresponding College Credit
<b>Agriculture (being developed)</b>		
Ag Mechanics I	5	TS Component 3: Agriculture Technical Occupation Specialty
Ag Mechanics II	5	TS Component 3: Agriculture Technical Occupation Specialty
Agricultural & Natural Resources I	5	TS Component 3: Agriculture Technical Occupation Specialty
Agricultural & Natural Resources II	5	TS Component 3: Agriculture Technical Occupation Specialty
Animal & Vet Science—Large Animals	5	TS Component 3: Agriculture Technical Occupation Specialty
<b>Business/Office Technology</b>		
Accounting I or II	3	CBUS 103
Business Communications	3	CBUS 105
Business Computer Applications I	3	OFTC 102
Business Computer Applications II	3	OFTC 229
Computer Applications I	3	OFTC 102
Economics of Business	3	CBUS 208
Human Services, Development & Relationships	3	CBUS 215
Introduction to Business & Marketing	3	CBUS 150
Keyboarding & Information Processing I	2	OFTC 100
Keyboarding & Information Processing II	3	OFTC 101
Management & Entrepreneurship	3	CBUS 210
Marketing I & II	3	CBUS 210
Medical Terminology	3	OFTC 103
Office Management	3	OFTC 199
Desktop Publishing	3	OFTC 220
Web Page Design	3	IT 233
Legal Office Technology	3	PARA 299
<b>Criminal Justice</b>		
Criminal Justice	3	CJST 200
Criminal Law	3	CJST 231
Introduction to Corrections	3	CJST 260
Law Enforcement	3	CJST 240
<b>Culinary Arts</b>		
ProStart I & II	Under revision	CART 115, 200 + 30 hours – JRTI portion of the AAS (Upon completion of NRA cert. and 400 internship hours)
<b>Fire Science</b>		
Firefighter I	3	FSCI 110
Firefighter II	3	FSCI 111
HazMat Awareness/HazMat Operations	3	FSCI 112
Driver/Pumper Operator	3	FSCI 121
EMT certification / CPR	5	EMSP 102

<b>Graphic Design/Printing</b>		
Computer Graphics/Adobe Illustrator	3	IT 199
Basic Graphic Design	3	IT 199
Basic Darkroom Procedures	3	TS Component 3: Graphic Technical Occupation Specialty
Digital Imaging/Multimedia	6	TS Component 3: Graphic Technical Occupation Specialty
Electronic Imaging	3	TS Component 3: Graphic Technical Occupation Specialty
Offset Press and Bindery Operations	4	TS Component 3: Graphic Technical Occupation Specialty
<b>Health Occupations</b>		
American Heart CPR	1	TS Component 3: Health Technical Occupation Specialty
Concepts of Health Care	3	TS Component 3: Health Technical Occupation Specialty
Health Care Fundamentals	3	TS Component 3: Health Technical Occupation Specialty
Clinical Concepts	3	TS Component 3: Health Technical Occupation Specialty
Diversified Clinical Applications	3	TS Component 3: Health Technical Occupation Specialty
EMT certification / CPR	5	EMSP 102
Human Anatomy & Physiology	6	CAHS 120 & CAHS 122
<b>Information Technology</b>		
A+ Certification	7	IT 179, 180, 181
CISCO	12-16	IT 131, 141, 231, 241 (All 16 credits will be awarded if student passes national exam.)
Data Modeling (Oracle)	3	IT 260
SQL Programming (Oracle)	3	IT 194
Certified Internet Web Specialist (Oracle)	3	IT 245
Design, Methodology and Technology (Oracle)	6	IT 236 , IT 246
<b>Liberal Arts (General Studies)</b>		
Psychology	3	PSYC 203
Speech, Written & Oral Communications	3	COMM 202
<b>Occupational Development—Child Care</b>		
Child Development Specialist 1	5	APTR 101
Child Development Specialist 2	5	APTR 102
Child Development Specialist 3	5	APTR 103
Child Development Specialist 4	5	APTR 104
<b>Technical Studies--Automotive</b>		
Basic Engine Concepts	5	TS Component 3: Automotive Technology Technical Occupation Specialty
Brakes	5	TS Component 3: Automotive Technology Technical Occupation Specialty
Fundamentals of Automotive Technology	5	TS Component 3: Automotive Technology Technical Occupation Specialty
Suspension & Steering Diagnosis	5	TS Component 3: Automotive Technology Technical Occupation Specialty

<b>Technical Studies—Building Construction</b>		
Finishing Carpentry	5	TS Component 3: Building Construction Technical Occupation Specialty
Foundation and Framing	5	TS Component 3: Building Construction Technical Occupation Specialty
Fundamentals of Building Construction	5	TS Component 3: Building Construction Technical Occupation Specialty
Masonry & Plumbing	5	TS Component 3: Building Construction Technical Occupation Specialty
<b>Technical Studies—Diesel Mechanics</b>		
Fundamentals of Diesel Equipment Technology	5	TS Component 3: Diesel Mechanics Technical Occupation Specialty
Diesel Engine Tune Up and Troubleshooting	5	TS Component 3: Diesel Mechanics Technical Occupation Specialty
Diesel Engine Components	5	TS Component 3: Diesel Mechanics Technical Occupation Specialty
Diesel Support Systems	5	TS Component 3: Diesel Mechanics Technical Occupation Specialty
<b>Technical Studies—Electrical</b>		
Fundamentals of Electricity	5	TS Component 3: Electrical Technology Technical Occupation Specialty
Industrial and Commercial Wiring	5	TS Component 3: Electrical Technology Technical Occupation Specialty
Residential Wiring	5	TS Component 3: Electrical Technology Technical Occupation Specialty
Rotating Devices and Control Circuitry	5	TS Component 3: Electrical Technology Technical Occupation Specialty
<b>Technical Studies--HVAC</b>		
Air Conditioning Refrigeration Technology	5	TS Component 3: HVAC Technology Technical Occupation Specialty
Domestic Refrigeration	5	TS Component 3: HVAC Technology Technical Occupation Specialty
Heating Systems	5	TS Component 3: HVAC Technology Technical Occupation Specialty
Basic Control Circuits	5	TS Component 3: HVAC Technology Technical Occupation Specialty
<b>Technical Studies—Machine Tool</b>		
Fundamentals of Machine Tool Technology	5	TS Component 3: Machine Trades Technology Technical Occupation Specialty
Machine Processes	5	TS Component 3: Machine Trades Technology Technical Occupation Specialty
Machining Processes & Applications	5	TS Component 3: Machine Trades Technology Technical Occupation Specialty
Metal Trades Processes & Applications	5	TS Component 3: Machine Trades Technology Technical Occupation Specialty
<b>Technical Studies--Masonry</b>		
Block and Rock Laying	5	TS Component 3: Masonry Technical Occupation Specialty
Bricklaying	5	TS Component 3: Masonry Technical Occupation Specialty
Foundations and Footings	5	TS Component 3: Masonry Technical Occupation Specialty
Fundamentals of Masonry	5	TS Component 3: Masonry Technical Occupation Specialty

<b>Technical Studies—Materials Distribution/Warehousing</b>		
Fundamentals of Materials Distribution	5	TS Component 3: Materials Distribution Technology Technical Occupation Specialty
Materials Distribution Equipment	5	TS Component 3: Materials Distribution Technology Technical Occupation Specialty
Materials Management	5	TS Component 3: Materials Distribution Technology Technical Occupation Specialty
Supervisory Skills in Warehousing	5	TS Component 3: Materials Distribution Technology Technical Occupation Specialty
<b>Technical Studies—Welding Technology</b>		
Fundamentals of Welding	5	TS Component 3: Welding Technology Technical Occupation Specialty
Gas Metal Arc Welding	5	TS Component 3: Welding Technology Technical Occupation Specialty
Shielded Metal Arch Welding	5	TS Component 3: Welding Technology Technical Occupation Specialty
Gas Tungsten Arc Welding	5	TS Component 3: Welding Technology Technical Occupation Specialty
Thermal Cutting & Welding	5	TS Component 3: Welding Technology Technical Occupation Specialty

We will be adding other courses this year that deal with **Fashion Marketing and Merchandising**. Check with your guidance counselor for an updated list later this year.