

Richmond County Articulated Courses

High School Courses		Augusta Tech Courses	
Number	Name	Number (Qtr Hrs Credit)	Name
Agriculture Pathways			
*01.461	General Horticulture Plant Science	EHO 100/ HORT 1000 (5)	Horticulture Science
01.470	Nursery & Landscape	EHO 105/ HORT 1050 (4)	Nursery Production
*01.461 (and) 01.470 (and) 02.471	General Horticulture & Plant Science (and) Nursery & Landscape (and) Basic Agricultural Science & Technology	EHO 141/ HORT 1410 (5)	Soils
Business & Computer Science Pathways Marketing Sales & Service Pathways			
06.415	Legal Environment of Business	MKT 103 (5)	Business Law
06.417 (or) 08.436	Entrepreneurial Ventures (or) Entrepreneurship: Building a Business	MKT 110 (8)	Entrepreneurship
07.411 (and) 07.412	Principles of Accounting I (and) Principles of Accounting II	ACC 101 (6)	Principles of Accounting I
07.4411	Computer Applications	SCT 100 (3)	Introduction to Microcomputers
07.4621	Business Procedures	BUS 1240 (5)	Office Procedures

07.4811	Business Document Processing	BUS 1140 (5)	Word Processing
07.4831	Multimedia Presentations	BUS 1160 (3)	Desktop Publishing I
08.474	Marketing Principles	MKT 100 (5)	Introduction to Marketing

**Healthcare Science
Personal Care Services – Cosmetology Pathway**

12.545	Salon Services Core I	COS 100 (5) (and) COS 105 (4)	Introduction of Cosmetology Theory (and) Introduction to Shampooing and Styling
12.546	Salon Services Core II	COS 101 (4) (and) COS 103 (3) (and) COS 106 (3)	Introduction to Permanent Waving and Relaxing (and) Introduction to Skin, Scalp, and Hair (and) COS 106 Introduction to Haircutting
12.545 (and) 12.546 (and) 12.547	Salon Services Core I (and) Salon Services Core II (and) Advanced Styling Principles	COS 111 (3)	Styling
12.545 (and) 12.555	Salon Services Core I (and) Advanced Skin and Nail Care	COS 112 (3)	Manicuring and Pedicuring
12.546 (and) 12.549	Salon Services Core II (and) Chemical Hair Processing	COS 109 (6)	Hair Color
12.549	Chemical Hair Processing	COS 108 (3)	Permanent Waving and Relaxing

**Family & Consumer Sciences
Nutrition and Food Science Pathway**

*20.4161	Food, Nutrition and Wellness	CUL 110 (3)	Food Service Sanitation & Safety
20.4171	Food and Nutrition through the Lifespan	CUL 137 (3)	Nutrition Food and Menu Management

Education
Early Childhood Education Pathway

20.4232	Human Growth & Development for Early Childhood	ECE 1030 (5)	Human Growth & Development
20.5251	Introduction to Early Childhood Care & Education	ECE 1010 (5) (and) ECE 1012 (3)	Introduction to Early Childhood Care & Education (and) Curriculum Development
20.5261	Health, Safety and Nutrition for the Young Child	ECE 1050 (5)	Health, Safety and Nutrition

Engineering & Technology Pathways

21.425 (and) 21.471 (and) **21.472 (and) 27.081 (and) 27.082 (and) 27.083 (and) 27.084 (and) 27.072 (and) 40.081	Project Lead the Way (PLTW) Principles of Engineering (offered at ARJ only, minimum score of 80 on PLTW final exam) Foundations of Engineering & Technology (and) Engineering Concepts (and) Engineering Applications (and) Math I (and) Math II (and) Math III (and) Math IV (or, in place of Math I, II, III, IV) AP Calculus (and) Physics	ENGT 1000 (3)	Fundamentals of Engineering Technology
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48.541	Introduction Engineering Drawing	DDF 191 (3)	Engineering Graphics
*21.452	Foundations of Electronics	IFC 101 (4)	Direct Current Circuits I
*21.453	Advanced AC and DC Circuits (additional competencies must be added)	IFC 103 (4)	Solid State Devices I
*21.454	Digital Electronics I	ELC 118 (4)	Digital Electronics I

English/Language Arts

23.051 (or) 23.052 (or) 23.053 (or) 23.063 (or) 23.065 (or) 23.068 (or) 23.069	American Literature & Composition (or) English Literature & Composition (or) Advanced Placement Language & Composition (or) World Literature & Composition (or) Advanced Placement Literature & Composition (or) International Baccalaureate English SL (or) International Baccalaureate English HL	ENG 1010 (5)	English
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Healthcare Science Pathways

**25.521 (and) **25.522 (and) 25.561 (ARJ)	Introduction to Healthcare Science (and) Application of Therapeutic Services (and) Nursing Essentials	AHS 104 (3) (and) MAS 101 (3)	Introduction to Health Care (and) Legal Aspects of the Medical Office
**25.521 (and)	Introduction to Healthcare Science (and)	AHS 109 (3)	Medical Terminology for Allied Health

**25.522 (and) 25.591 (ARJ)	Application of Therapeutic Services (and) Medical Terminology in Healthcare Systems		
**26.073	Human Anatomy/Physiology	AHS 101/ 1011 (5)	Anatomy & Physiology
26.0730003 (or) 26.0730023 (ARJ)	Human Anatomy/Physiology (or) Advanced Anatomy/Physiology	DEN 101 (3)	Basic Human Biology

Mathematics

27.0451 (or) 27.0610001	Applied Problem Solving (or) Algebra I	MAT 1012 (5)	Foundations of Math
27.0461 (or) 27.06100 (or) 27.0610002 (or) 27.081 (or) 27.091	Applied Algebra (or) Algebra I (or) Algebra IB (or) Math I (or) Accelerated Math I	MAT 1013 (5)	Algebraic Concepts
27.064 (or) 27.092	Algebra II (or) Accelerated Math II	MAT 1111 (5)	College Algebra
27.063 (and) 27.0661 (or) 27.065	Euclidean Geometry (and) Algebra III (or) Advanced Algebra & Trigonometry	MAT 1015 (5)	Geometry & Trigonometry
27.072	AP Calculus	MAT 1131 (5)	Calculus

Science

**26.073	Human Anatomy/Physiology	AHS 1011 (5)	Anatomy & Physiology
**40.051	Chemistry I	CHM 1111 (5)	Chemistry I

Architecture, Construction, Communications, & Transportation Pathways

46.545 (and) 48.581	Occupational Safety & Fundamentals (and) Introduction to Metals	WLD 101 (4)	Oxyfuel Cutting
47.571 (and) 47.576 (and) 47.577 (or) 47.5791	Foundations of Transportation & Logistics (and) Electrical/Electronic Systems & Design (and) Chassis System & Design (or) Heating, Ventilation & Air Conditioning Concepts	AUT 120 (3) (and) AUT 130 (4) (and) AUT 132 (4)	Introduction to Automotive Technology (and) Automotive Brake Systems (and) Suspension & Steering
48.551 (and) 48.552 (and) 48.553 (and) 48.554 (and) 48.581	Arc Welding Processes I (and) Arc Welding Processes II (and) Intermediate Arc Welding I (and) Intermediate Arc Welding II (and) Introduction to Metals	WLD 104 (6)	Shielded Metal ARC Welding I
48.581	Introduction to Metals	WLD 103 (3)	Blueprint Reading I

* Approved by the Board of Regents as an option for the fourth science graduation requirement

**Counts as fourth science graduation requirement, not approved by Board of Regents