

**MUSCOGEE COUNTY HIGH SCHOOLS
COLUMBUS TECHNICAL COLLEGE
ARTICULATION AGREEMENTS
FOR GRADUATES OF 2009 and 2010**

Georgia high schools are implementing the Georgia Performance Standards in phases. We are phasing in those courses and agreements as needed

**Postsecondary courses with an asterisk have been articulated to include a sample test bank. It is available to the high school teachers of the corresponding secondary courses.*

ACCOUNTING

07.421 Banking & Investing	BAF 100 Intro. to Banking & Finance
07.411 Principles of Accounting I	ACC 1101 Principles of Accounting I
07.441 Computer Applications I	BUS 1130 Document Processing
07.441 Computer Applications I	*SCT 100 Intro to Microcomputers (sample test bank available to teacher)

AUTOMOTIVE TECHNOLOGY

SECONDARY COURSE	POSTSECONDARY COURSE
47.571 Foundations of Transportation & Logistics	AUT 120 Intro to Automotive Technology
47.576 Electrical/Electronic Systems & Design	AUT 122 Electrical and Electronic Systems AUT 124 Battery Starting and Charging
47.577 Chassis System & Design	AUT 130 Automotive Brake Systems AUT 132 Suspension and Steering Systems
47.579 Engine Performance	AUT 128 Fuel Ignition and Emission Systems

CABINETMAKING/CARPENTRY

SECONDARY COURSE	POSTSECONDARY COURSE
46.545 Occupational Safety and Fundamentals <u>and</u> 46.546 Introduction to Construction	CFC 100 Safety CFC 101 Introduction to Construction CAR101 Safe Use of Hand and Power Tools CAR103 Materials

SECONDARY COURSE	POSTSECONDARY COURSE
COMPUTER APPLICATIONS I	*SCT 100 Intro to Microcomputers (Required in most programs of study) (sample test bank available to teacher)

COMPUTER INFORMATION SYSTEMS

SECONDARY COURSE	POSTSECONDARY COURSE
11.413 Computing in the Modern World	CIS 106 Computer Concepts
11.016 AP Computer Science	CIS 255 Intro to "C" Programming <u>or</u> CIS 252 Intro to Java Programming
11.431 Web Page Design/Fundamentals of Web Design	CIS 2201 HTML Fundamentals CIS 2231 Design Methodology
11.422 Networking A and B (includes semesters 1 and 2 of Cisco certification-- student must pass Cisco final exams)	CIS 1140 Networking Concepts CIS 2321 Cisco Semester I CIS 2322 Cisco Semester II

CONSTRUCTION

SECONDARY COURSE	POSTSECONDARY COURSE
46.545 Occupational Safety and Fundamentals <u>and</u> 46.546 Introduction to Construction	CFC 100 Safety CFC 101 Introduction to Construction CAR101 Safe Use of Hand and Power Tools CAR103 Materials

COSMETOLOGY

SECONDARY COURSE	POSTSECONDARY COURSE
12.545 Salon Services Core I 12.546 Salon Services Core II 12.547 Advanced Styling Principles/ 12.551 Cosmetology Practicum I	COS 100 Intro to Cosmetology Theory COS 105 Intro to Shampoo & Styling
12.545 Salon Services Core I 12.546 Salon Services Core II 12.549 Chemical Hair Processing/ 12.552 Cosmetology Practicum II	COS 101 Intro to Permanent Waving & Relaxing
12.545 Salon Services Core I 12.546 Salon Services Core II 12.555 Adv. Skin & Nail Care/ 12.553 Cosmetology Practicum III	COS 103 Intro to Skin, Scalp, Hair

CRIMINAL JUSTICE

For students taking these courses in '08-'09	
43.43100 Intro to Law Enforcement & Patrol <u>AND</u> 43.43000 Foundations of Public Safety	*Intro to Criminal Justice Technology CRJ 101 (sample test bank available to teacher)
43.43200 Constitutional & Criminal Law	*Intro to Constitutional Law CRJ 102 (sample test bank available to

	teacher)
43.43100 Intro to Law Enforcement & Patrol <u>AND</u> 43.43000 Foundations of Public Safety	*Principles of Law Enforcement CRJ 104 (sample test bank available to teacher)
For students taking these courses in '09-'10:	
43.43000 Intro to Law & Justice <u>AND</u> 43.43500 Law, Community Response & Policing	*Intro to Criminal Justice Technology CRJ 101 (sample test bank available to teacher)
43.43000 Intro to Law & Justice	*Intro to Constitutional Law CRJ 102 (sample test bank available to teacher)
43.43000 Intro to Law & Justice <u>AND</u> 43.43500 Law, Community Response & Policing	*Principles of Law Enforcement CRJ 104 (sample test bank available to teacher)

DRAFTING TECHNOLOGY

SECONDARY COURSE	POSTSECONDARY COURSE
48.541 Intro. to Engineering Drawing	DDF 101 Intro to Drafting DDF 107 Intro to CAD
48.542 Engineering Concepts & Drawing	DDF 102 Size & Shape I
48.545 Architectural Drawing & Design I	DDS 208 Residential Architectural Drawing II

ENGLISH (see qualifying scores on Attachment #1)

SECONDARY COURSE	POSTSECONDARY COURSE
23.052 English IV	ENG 1010 English

HEALTHCARE SCIENCE

SECONDARY COURSE	POSTSECONDARY COURSE
25.521 Intro to Healthcare Science <u>AND</u> 25.522 Application of Therapeutic Services	*AHS 104 Introduction to Healthcare (sample test bank available to teacher)
25.591 Medical Terminology in Healthcare Systems	*AHS 109 Medical Terminology for Allied Health Science (sample test bank available to teacher)
26.073 Human Anatomy & Physiology	AHS 101 Anatomy & Physiology

INDUSTRIAL SYSTEMS TECHNOLOGY (Jordan High School only)

SECONDARY COURSE	POSTSECONDARY COURSE
46.545 Occupational Safety and Fundamentals 46.560 Electrical I	IFC 100 Safety IFC 101 DC Circuits

MACHINE TOOL TECHNOLOGY

SECONDARY COURSE	POSTSECONDARY COURSE
48.590 Intro to Precision Machining & 48.591 Benchwork and Drill Press & 48.592 Basic Machine Tool Operation & 48.593 Intermediate Machine Tool Operation <u>or</u> 48.594 Adv. Machine Tool Operations	MCH 101 Intro to Machine Tool MCH 109 Lathe Operations I

MANAGEMENT AND SUPERVISORY DEVELOPMENT

SECONDARY COURSE	POSTSECONDARY COURSE
06.416 Business Essentials	MSD 100 Management Principles MSD 112 Intro to Business & Economics
06.417 Entrepreneurial Ventures	MSD 117 Small Business Management MSD 116 Business Plan Development
07.4411 Computer Applications	MSD 114 Management Communication & Information Technology

MATHEMATICS (see qualifying scores on Attachment #1)

SECONDARY COURSE	POSTSECONDARY COURSE
27.047 Pre-Algebra <u>and</u> 27.061 Algebra I <u>or</u> 27.061 Algebra A & B	MAT 101 General Mathematics
27.055 Concepts of Problem Solving <u>and</u> 27.056 Concepts of Algebra <u>or</u> 27.061 Algebra I	MAT 102 General Mathematics
27.064 Algebra II	MAT 103 Algebraic Concepts
Georgia High School Math Curriculum will begin complete revision beginning with the '08-'09 ninth graders. We will phase in those courses as needed	

WELDING AND JOINING TECHNOLOGY

SECONDARY COURSE	POSTSECONDARY COURSE
48.551 Arc Welding Processes I	WLD 100 Intro to Welding Technology
48.552 Arc Welding Processes II & 48.553 Intermediate Arc Welding Processes I & 48.554 Intermediate Arc Welding Processes II & 48.555 Advanced Arc Welding Processes I	WLD 104 Shielded Metal, Arc Welding

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Attachment # 1

New Policy for Validation of Credit for English, Math Articulations

A HIGH SCHOOL STUDENT WHO ACHIEVES A FINAL GRADE OF 80 OR ABOVE AND SCORES AS SHOWN BELOW (OR PRESENTS SCORES ON SAT, ACT) AT THE TIME OF ENROLLMENT AT COLUMBUS TECHNICAL COLLEGE, THEY MAY RECEIVE ARTICULATED CREDIT FOR THESE COURSES.

- The English & Math courses are required in a number of certificate or diploma programs but not in the degree programs.
- This applies for up to 12 months after high school graduation.
- This is the exemption or validation process for these credits.

SCORES REQUIRED FOR ARTICULATED CREDIT FOR:

ENGLISH 101 (NOW ENGLISH 1010)

COMPASS	Reading 70+ and Writing 36+
ASSET	Reading 38+ and Writing 38+
SAT	English 430+
ACT	English 18+

MAT 101 (NOW MAT 1012)

COMPASS	Math/Pre-Algebra 37+
ASSET	Math/Pre-Algebra 39+
SAT	Mathematics 400+
ACT	Mathematics 16+

MAT 103 (NOW MAT 1013)

COMPASS	Math/Pre-Algebra 37+; Algebra 28+
ASSET	Math/Pre-Algebra 39+; Algebra 37+
SAT	Mathematics 400+
ACT	Mathematics 16+