



## **ARTICULATION AGREEMENT**

### **Capitol College and Montgomery County Public Schools**

**Capitol College: B.S. Telecommunications Engineering Technology**  
**Montgomery County Public Schools Program: Network Operations**

**INTRODUCTION:** In the past several years, technological advances have changed the processes and equipment used in a growing number of technical fields. Today's workforce is confronted with diverse and complex technical concepts and equipment and must have a broad understanding of the comprehensive principles that govern the behavior of the systems and subsystems that make up the work environment.

Administration, curriculum coordinators, and the respective faculties of the Montgomery County Public Schools (MCPS) and Capitol College have examined the course competencies and content taught at both institutions in **Network Operations** and **Telecommunications Engineering Technology** and have agreed to:

Develop, for the maximum benefit of students, an articulated program in **Network Operations** to prepare students for careers in microcomputer installation, configuration and control systems, telecommunications, network installation, configuration, operation, and troubleshooting. Students completing a two semester sequence should be able to pass the vendor-neutral CompTIA A+ and Network+ examinations. These two certifications are rapidly becoming part of the basic credentials that help those going into network management.

**CERTIFICATION:** Students who wish to enter Capitol College will present an official high school transcript attached to a completed Articulation Agreement Credit Award Form verifying successful completion of the articulated Network Operations courses with a grade of B or better to the Registrar's Office of Capitol College, 11301 Springfield Road, Laurel, Maryland 20708. To receive credit, students must enroll at Capitol College within five years of completion of an articulated program with MCPS. Elective credit will be transferred upon admission into Capitol College into an applicable program and completion of one (1) semester of study.

<b>MCPS PROGRAM</b>	<b>APPLICABLE CAPITOL COLLEGE PROGRAMS</b>
Network Operations	Telecommunications Engineering Technology, B.S.

MCPS COURSES	CORRESPONDING CAPITOL COLLEGE COURSES
4202 Network Operations A (1.5 credits) and 4203 Network Operations B (1.5 credits)	TC--191 Computer Architecture and Networking (6 credits)


### OTHER SPECIAL CONSIDERATIONS:

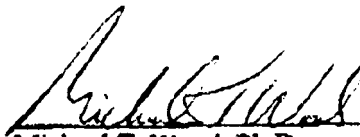
Students seeking Capitol College credit under this Articulation Agreement must additionally provide satisfactory evidence of having passed both CompTIA A+ and CompTIA Network+ certification examinations, via original exam score sheets or certificates.

**IMPLEMENTATION:** To implement this agreement, the participating institutions agree to:

1. Offer approved MCPS courses during grades 9-12 in mathematics, science, and technology that include prerequisite skills and content for courses offered in Capitol College curriculum in the Information Technology Program. Students will be encouraged to pursue a challenging academic program in grades 9-12. Students may be required to take developmental courses in English, reading, and mathematics before moving on to the next level course in their chosen Capitol College program.
2. Upon completion of the specific MCPS technical courses outlined in this Agreement, students may receive college credit when they enter Capitol College's Network Systems Administration or Network & Communication Management Program.
3. Jointly develop promotional materials to describe the program to students, staff, faculties, parents, and the community.
4. Jointly develop and implement a procedure to monitor, evaluate, and assess the effectiveness of the program.
5. Communicate this agreement to all concerned, including counselors, faculty, students, and parents.
6. Designate one MCPS administrator and one Capitol College representative with responsibility for coordinating and supervising the agreement.
7. Review the agreement annually and coordinate any curricular changes that may affect the agreement.

THIS AGREEMENT, having been formulated by the responsible faculties and administrative personnel of Montgomery County Public Schools and Capitol College, and having been certified by the chief academic officers of both institutions, is herewith agreed to this 28<sup>th</sup> day of December, 2006 for implementation beginning with the spring semester of 2007.

  
Jerry D. Wanst, Ed.D.  
Superintendent of Schools  
Montgomery County Public Schools

  
Michael T. Wood, Ph.D.  
President  
Capitol College