

# UPDATED ARTICULATION AGREEMENT (updated 2008)

Between

Worcester Polytechnic Institute

And

Bristol Community College

Worcester Polytechnic Institute (WPI) and Bristol Community College (BCC) recognize that for some students, the path to a technical education may begin at a community college. To assist students who wish to pursue such an option, WPI and BCC formalized this pattern by signing a transfer articulation agreement in 1995.

The purpose of this document is to reaffirm and update that agreement based on a thorough review of the current courses taught in BCC's Engineering Science Transfer associates degree program by the appropriate WPI department head/designee. Further reviews will be conducted tri-annually or when significant changes occur to the engineering and science curriculum of either institution.

Under this agreement, the terms of which are described on the following pages, WPI agrees to accept students from BCC as sophomores or juniors depending on their programs of study in engineering or science.

## Terms of Agreement

In this agreement between WPI and BCC, both colleges agree to the following items:

1. WPI agrees to refer potentially qualified students to BCC for pre-entrance course preparation as well as freshman-level course work leading to eventual transfer to a four-year engineering or science program.
2. WPI agrees to accept as advanced sophomores all graduates of BCC students who have completed the attached program of study and, upon proper application and the positive recommendation of the two year college, meet the admissions qualifications as set forth by WPI's Admissions Office. In general, all students with a 3.0 G.P.A. will be accepted from BCC. Students with grade-point averages below 3.0 will be considered on a case-by-case basis.
3. With careful planning, students completing the above requirements may be able to graduate from WPI in two and one-half years.
4. Faculty and administrative staff from both institutions should be encouraged to visit each other's campuses and confer on matters of curriculum content and the program details.
5. The program will be described in each college's catalogs.
6. This agreement may be terminated or re-negotiated at the request of either institution giving due protection to those students enrolled at either institution who expect to pursue this plan of study.

---

Dr. John J. Sbrega  
President  
Bristol Community College

---

Dr. Dennis Berkey  
President  
Worcester Polytechnic  
Institute

**COURSE LISTINGS**  
**Amendment 1 (2008)**

**BCC COURSES**

**WPI EQUIVALENT**

**Mechanical Engineering**

**ETK 70** Thermodynamics  
**ETK 59** Mechanics & Strength of Materials  
**ETK 79** Engineering Material Science  
**CAD 19** Computer Aided Drafting

**ES 3001** Intro to Thermodynamics  
**ES 2501** Intro to Static Systems  
**ES 2001** Intro to Material Science  
**ES 1310** Intro to CAD

**(New Additions)**

**ETK 54**  
**ETK 70**

**ES 2501** Intro to Static Systems  
**ES 3001** Intro to Thermodynamics

**Special Note:**

*BCC Mechanical Engineering courses that **will not** receive transfer credit:*

**ETK 64** Hydraulics-Pneumatics  
**ETK 13** Computer Tools for Engineers

**Mathematical Science**

**MTH 14** Calculus I  
**MTH 15** Calculus II  
**MTH 14 & 15**  
**MTH 53** Calculus III

**MA 1021** Calculus I  
**MA 1023** Calculus III  
**MA 1021, 1022, 1023** Calculus I-III  
**MA 1024** Calculus IV  
**(Corrected course number)**  
**MA 2051** Differential Equations

**MTH 54** Differential Equations

**Special Note:**

*All Math courses require a grade of "B" or better to transfer. Credit will not be granted for courses with grades of B- or below.*

**(New Addition)**

**Biology**

**BIO 21** Fundamentals of Biological Science      **BB1001** Intro to Biology

**Physics**

**PHY 11** General Physics 1  
**PHY 12** General Physics 11

**PH 1110** Physics I  
**PH 1120** Physics II

### Chemistry

**CHM 13** Fundamentals of Chemistry I  
**CHM 14** Fundamentals of Chemistry II

**CH 1010** Chemistry I  
**CH 1020** Chemistry II

### Civil Engineering

**ETK 56** Surveying and  
**ETK 58** Surveying

\* **CE 2020** Surveying and **CE 3024**  
Control Surveying

### **Special Note:**

*\*BCC students will not receive transfer credit if they take only one of the surveying courses due to the overlap of material taught in both courses.*

### Electrical Engineering

Transfer credit for the following courses will be evaluated on a case-by-case basis through personal interviews with Prof. Hakim in WPI's ECE department.

**ETK 19** Electrical Circuits 1 (*new addition*)  
**ETK 29** Electrical Engineering I  
**ETK 30** Electrical Engineering II  
**ETK 31** Electrical Engineering I lab  
**ETK 32** Electrical Engineering II lab  
**ETK 67** Digital Computer Fundamentals 1 (*new addition*)

### Humanities and Arts

Below are the courses that have been approved in this agreement for transfer credit. Students may provide course descriptions for other humanities electives if they wish to have them considered for transfer credit.

### BCC COURSES

**ENG 11**  
**ENG 12**  
**HST 23**

### WPI EQUIVALENT

**EN/WR 2211**  
**EN 1251**  
**HU 1321**

### (New Additions)

**HST 11** HU 1100 (Humanities Elective Credit)  
**HST 12** HU 1100 (Humanities Elective Credit)

### Social Science

The following courses **may** transfer. Students must provide course descriptions, course syllabi and other documentation as required for evaluation of these courses or other social science electives that they wish to have considered for transfer credit.

**BCC COURSES**

**ENC 11**  
**ENC 12**  
**GVT 11**  
**PSY 51**  
**SOC 11**

**WPI EQUIVALENT**

**(prefix updated)**

**ECON 1120**  
**ECON 1110**  
**GOVT 1301**  
**PSY 1402**  
**STS 120**

