PARTNERSHIP AGREEMENT
BETWEEN
BUCKS COUNTY COMMUNITY COLLEGE
AND
MIDDLE BUCKS INSTITUTE OF TECHNOLOGY

Precision Machining Technology

I. Purpose

Middle Bucks Institute of Technology (MBIT) and Bucks County Community College (BCCC) agree to collaborate in the planning, execution, and evaluation of an educational program in the occupational area of Precision Machining Technology. The objective of the program is to provide students with the opportunity to develop a technical knowledge and skill base, complete course work, and earn college credit toward an Associate Degree in Occupational Studies.

II. Program Specifications

A. Pre and Co-requisites – A person must be at least 18 years of age and a high school graduate to enter the program or enrolled as a secondary student at Middle Bucks Institute of Technology in the Precision Machining Technology program. Students must also possess basic reading and math skills as measured by Bucks County Community College’s Assessment Testing Program (ATP). Students must complete a minimum of eight (8) hours of instructional time each week and/or a total of 120 hours per semester at MBIT to remain enrolled. Act 34 clearance is required for adults.

B. Program Length and Structure – The program will consist of a total of 64 credits and culminate in an Associate Degree in Occupational Studies. A minimum of eighteen (18) technical course credits will be awarded for successful completion of the Precision Machining Technology course sequence. The Precision Machining Technology courses will be self-paced and performance based. The curriculum will meet or exceed the skills standards set by the National Institute for Metalworking Skills, Inc. (NIMS), Level One certification (See Attachment). The anticipated length of this component of the program is 480 instructional hours (i.e. 4 semesters, 120 hours each). This sequence of courses shall be delivered at Middle Bucks Institute of Technology. Students may also complete two (2) years of related and successful work experience at an approved Manufacturer’s Employment and Training Alliance (META) work site and receive 15 college credits. This experience must be relatively broad based and occur under the supervision of an assigned mentor.

Finally, students shall complete ten (10) prescribed academic courses and earn 31 credits towards an Associate Degree in Occupational Studies. (See Attachment for prescribed sequence of courses.)

C. Credits Earned through NIMS – An individual achieving a passing score on each of the eight NIMS credentialing exams and successfully completing each of the six performance evaluations for Level I certification shall earn 18 BCCC credits. An
individual completing and documenting two years of related successful work experience shall earn 15 BCCC credits. Academic courses at BCCC shall generate 31 college credits.

D. Application for Credit – Students shall apply directly to BCCC, Business Studies Department via Prior Learning Assessment (PLA) upon successful completion of the NIMS Level One certification. Application for work experience credit shall occur after completing the NIMS credentialing by forwarding a notarized summary of two years work experience to the Business Studies Department via Prior Learning Assessment (PLA) at BCCC.

III. Operational Considerations

A. Bucks County Community College agrees to the following:

1. Grant student identification to all students enrolled in the program, including access to the Library and other educational facilities, upon receipt of BCCC application and application fee.
2. Provide credits on an official BCCC transcript indicating the student’s achievement in each course.
3. Assist in the preparation of promotional materials for the program and the promotion of this partnership initiative (e.g., parent/student orientation, etc.). Provide student advisement and counseling to encourage matriculation of students into the formal Associate Degree program.
4. Guarantee the acceptance of any graduated high school student successfully completing the NIMS Level One certification program into the Occupational Studies degree program.
5. Provide required academic courses for students to complete an Associate Degree.

B. Middle Bucks Institute of Technology agrees to the following:

1. Provide qualified faculty member(s) to teach program courses and to coordinate all instructional and laboratory activities.
2. Provide adequate classroom/laboratory space and instructional resources for delivering the technical course sequence of this program.
3. Administer and coordinate the written and performance examinations with local industry (i.e. META) consistent with NIMS standards.
4. Promote the partnership initiative and recruit students through a variety of marketing initiatives including direct mailers, open house, information sessions to school counselors, and field trips to BCCC, etc.
5. Maintain a record of student enrollment, progress, grades and instructional hours.

C. BCCC and MBIT shall be mutually in agreement to the following:

1. BCCC and MBIT are committed to providing equal educational opportunities. This encompasses persons in legally protected classifications and others in regard to race, color, national origin, sex, handicap, sexual orientation, age, and religion as well as disabled and military veterans. Each party will be responsible for its own compliance with the discrimination laws.
BCCC/MBIT PARTNERSHIP
ASSOCIATES OF ARTS IN OCCUPATIONAL STUDIES
PRECISION MACHINING TECHNOLOGY

Required technical courses/options:

**OPTION 1:**
National Institute for Metalworking Skills, Inc. (NIMS) (18) credits
Level (1) NIMS Certification Series
- Measurement, Materials, and Safety
- Job Planning, Benchwork, and Layout
- Power Feed and Vertical Milling
- Turning – Chucking
- Turning – Between Centers
- Drill press
- Grinding
- CNC Milling
- CNC Turning

**OPTION 2:**
Affidavit of Apprenticeship/Journeyman Certification (33) credits
(i.e. NTMAPA)

**OPTION 3:**
Non-Certified Experienced Worker up to- (18) credits
(NOCTI) Occupational Testing Scores

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<tr>
<th>Academic Series</th>
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<tbody>
<tr>
<td>CISC110</td>
<td>Introduction to Informational Systems</td>
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<tr>
<td>COMM110</td>
<td>Effective Speaking</td>
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<tr>
<td>COMP110</td>
<td>English Composition I</td>
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<tr>
<td>COMP114</td>
<td>Technical Writing</td>
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<tr>
<td>HLTH110</td>
<td>Responding to Emergencies</td>
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<td>MATH122</td>
<td>Trigonometry &amp; Analytical Geometry</td>
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<tr>
<td>MGMT100</td>
<td>Introduction to Business</td>
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<td>PHYS106</td>
<td>Physics A</td>
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<td>Integration of Knowledge</td>
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<td>Cultural Perspective</td>
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**Supervised Work Experience:**
(2) years of related work experience at an approved work site for (NIMS) certified candidates (15) credits
(6) years of related work experience for non-certified workers

**TOTAL CREDITS** (64) credits