

PROGRAM ARTICULATION AGREEMENT

BETWEEN

ILLINOIS EASTERN COMMUNITY COLLEGES  
(WABASH VALLEY COLLEGE)  
MT. CARMEL, IL

AND

SOUTHERN ILLINOIS UNIVERSITY CARBONDALE  
CARBONDALE, IL

In an effort to provide a continued, articulated higher education baccalaureate degree program that will build on community college and university learning experiences, and also eliminate duplication of instruction, this agreement is entered into this 15<sup>th</sup> day of January, 2018 (Effective Date) by and between Illinois Eastern Community Colleges and the Board of Trustees of Southern Illinois University on behalf of Southern Illinois University Carbondale.

I. TERM AND TERMINATION

- A. Term. This Agreement shall commence as of the Effective Date (or if no Effective Date is indicated upon the date the Agreement is fully executed by the Parties) and shall remain in effect for a period of five (5) years thereafter. The Parties may renew or extend this Agreement only by written instrument signed by the authorized representatives of each Party.
- B. Termination. This Agreement may be terminated by either Party, with or without cause, upon 60 days advance written notice. The Parties agree that no additional students shall be accepted into the program after a Party's receipt of any written notice of termination. No qualified student then-enrolled in the program shall be deprived the opportunity to complete the program requirements solely due to termination.

II. TRANSFER REQUIREMENTS

- A. All graduates of Wabash Valley College with an Associate in Applied Science (A.A.S.) degree in Advanced Manufacturing and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) degree in Industrial Management and Applied

Engineering (IMAE) in the College of Engineering based upon the Department's enrollment criteria and space availability.

B. An Wabash Valley College graduate receiving an A.A.S. degree in Advanced Manufacturing will be considered for admission to SIU Carbondale's Industrial Management and Applied Engineering (IMAE) program if the following are met:

1. The student has earned a minimum of 64 semester hours transferable to SIU Carbondale
2. The student has earned an overall grade point average (GPA) of 2.0 or above (4.0 scale) for his or her collegiate work as calculated by SIU Carbondale's grading regulations
3. Confirmation by the SIU Carbondale College of Engineering that the student has satisfactorily completed the following courses as part of the A.A.S. degree in Advanced Manufacturing at Wabash Valley College:

- CAD 1210-3, *Computer Aided Drafting I*
- DAP 1201-3, *Business Computer Systems*
- EDR 1202-4, *Mechanical Blueprint Reading*
- ENG 1111-3, *Composition I*
- GEN 2297-2, *Employment Skills*
- MAC 1203-3, *Precision Measurement*
- MAC 2231-3, *Introduction to CNC*
- MAN 1201-5, *Introduction to Machining*
- MAN 1202-2, *Industrial Safety*
- MAN 1204-4, *Manufacturing Materials & Processes*
- MAN 1211-4, *Industrial Electricity*
- MAN 1215-3, *Mechanical Drives*
- MAN 2201-2, *Quality Concepts and Techniques*
- MAN 2202-3, *Leadership*
- MAN 2211-4, *Programmable Logic Controllers*
- MATH 1102-4, *College Algebra*
- PHY 1120-5, *Physics I*
- PSY 1101-3, *General Psychology I*
- WEL 1203-4, *Practical Welding*

C. Acceptance into the Capstone Option reduces the University Core Curriculum for the A.A.S. degree recipient in Advanced Manufacturing at Wabash Valley College pursuing the B.S. in Industrial Management and Applied Engineering (IMAE) at SIU Carbondale to 30 semester hours. This, along with taking the

courses listed above as part of the A.A.S. degree makes it possible for the student to complete the B.S. in Industrial Management and Applied Engineering (IMAE) at SIU Carbondale in approximately 67 additional semester hours beyond the A.A.S. degree.

- D. Wabash Valley College students transferring to the Industrial Management and Applied Engineering (IMAE) baccalaureate degree program at SIU Carbondale who have not completed all of his or her Associate in Applied Science degree requirements at Wabash Valley College will have their related coursework evaluated on a course-by-course basis by the appropriate SIU Carbondale department. These students will also not be eligible to receive the Capstone Option benefits and will be considered based upon the Department's enrollment criteria and space availability.
- E. Students will be required to complete a minimum of 42 senior institution hours at the 300-400 course level, with the last 30 such senior institution hours being at SIU Carbondale for residency purposes. Those students enrolled in an approved program delivered by SIU Carbondale Extended Campus will have completed the residency requirement for the University upon completion of all courses required by the program. All students will be required to complete at least 120 hours with an overall GPA of 2.0 on a 4.0 scale to receive a Bachelor of Science degree in Industrial Management and Applied Engineering (IMAE). Coursework may include University Core Curriculum as well as Industrial Management and Applied Engineering major courses.

### III. COURSE DELIVERY

- A. Delivery of courses and programs will be based on mutual agreement between the parties (as specified in the SIU Carbondale program) provided there is a minimum class enrollment in each course adequate to meet expenses. Courses with inadequate enrollment may be subject to cancellation. SIU Carbondale shall notify Wabash Valley College of any cancellation due to inadequate enrollment.
- B. SIU Carbondale will perform registration and advisement counseling as needed to support the courses offered. SIU Carbondale will designate an individual(s) as a concurrent enrollment liaison to work in conjunction with Wabash Valley College and students as needed. Advisement about program requirements will be provided by the academic college offering the courses/programs.

- C. SIU Carbondale will obtain all permission and approvals necessary to teach these courses in the State of Illinois.
- D. SIU Carbondale reserves the right to approve and edit all news releases, advertising and other public announcements and information pieces relating to the performance of this Agreement.
- E. This agreement permits students to enroll concurrently at SIU Carbondale and Wabash Valley College to complete the degree.

IV. ILLINOIS EASTERN COMMUNITY COLLEGES DUTIES: ILLINOIS EASTERN COMMUNITY COLLEGES SHALL BE RESPONSIBLE FOR THE FOLLOWING OBLIGATIONS AND CONDITIONS:

- A. Subject to federal and state guidelines, Wabash Valley College will be considered the home institution for the purpose of processing Financial Aid until such time that the student either graduates or severs ties with Illinois Eastern Community Colleges.
- B. Designate in writing a person or persons as point of contact between Wabash Valley College and SIU Carbondale on all matters relating to the courses delivered.
- C. Reserve the right to approve and edit all news releases, advertising and other public announcements and information pieces relating to the performance of this Agreement.
- D. Permit students to enroll concurrently at SIU Carbondale and Wabash Valley College to complete a degree.

V. PROGRAM ARTICULATION COMMUNICATION

- A. An SIU Carbondale College of Engineering, Industrial Management and Applied Engineering representative will communicate periodically with Wabash Valley College personnel in Advanced Manufacturing for general advisement and degree planning purposes.
- B. Upon successful completion of all degree requirements, and following all policies and regulations stated in the program and SIU Carbondale guidelines, Wabash Valley College students will be eligible to receive the Bachelor of Science degree

in Industrial Management and Applied Engineering (IMAE), College of Engineering, Southern Illinois University Carbondale.

- C. Should changes occur in course or program content, the institution making the change agrees to notify the other institution in writing so that this agreement can be re-evaluated. Notice of changes shall be given at least 45 days prior to the beginning of the semester when the change is implemented.
- D. The parties acknowledge that many student educational records are protected by the Family Education Rights and Privacy Act (FERPA) and that the written authorization of student(s) must be obtained before student data can be released to anyone. The parties agree that access to and release of student records shall be in accordance with FERPA.
- E. Indemnification:
  - 1. To the extent permitted by law and not inconsistent with the doctrine of sovereign immunity, SIU Carbondale shall indemnify and hold harmless Illinois Eastern Community Colleges, its agents and employees, from any claims, demands, or causes of action arising out of the negligent acts or omissions of SIU Carbondale, its agents or employees, in the performance of SIU Carbondale's obligations under this Agreement.
  - 2. To the extent permitted by law, Illinois Eastern Community Colleges shall indemnify and hold harmless SIU Carbondale, its agents and employees, from any claims, demands, or causes of action arising out of negligent acts or omissions of the College, its agents or employees, in the performance of the College's obligations under this Agreement.
- F. Reasonable efforts will be made to resolve problems with student(s) through discussions with the student's program instructor, supervisor, and SIU Carbondale's faculty members; however SIU Carbondale reserves the right to remove any student from enrollment at SIU Carbondale upon the determination that the student is unable or unwilling to fulfill the requirements of SIU Carbondale's educational program and mission, including but not limited to the rules and regulations of Southern Illinois University Carbondale, the policies of the Board of Trustees of SIU Carbondale, and the SIU Carbondale Student Conduct Code. SIU Carbondale shall also have the right to withdraw any student from its education degree program in accordance with its academic requirements, including but not limited to unsatisfactory academic performance and/or social misconduct.

- G. Neither party will discriminate against any applicant or student in the nomination, selection, or training because of religion, race, sex, sexual orientation, creed, handicap, national origin, or age.
- H. Notices should be mailed to the following addresses by first class mail in order to fulfill any notice or revision of requirements under this Agreement:

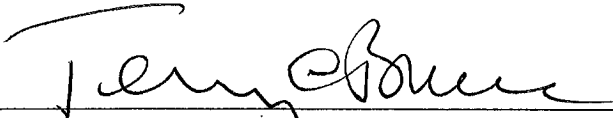
For SIU Carbondale: Dr. Julie Dunston, Chair & Associate Professor  
Department of Technology  
Director, Technology Off Campus Degree Program  
SIUC, Engineering D105, Mailcode 6603  
Carbondale, IL 62901-6603  
Phone: 618-536-3396  
Email: [dunston@siu.edu](mailto:dunston@siu.edu)

For IL Eastern Community Colleges: Robert Conn, Dean of Instruction  
Wabash Valley College (IECC)  
2200 College Drive  
Mt. Carmel, IL 62863-2699  
Phone: 618-262-8641  
Email: [connr@iecc.edu](mailto:connr@iecc.edu)

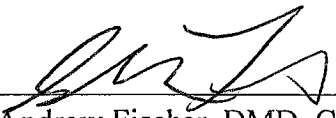
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IN WITNESS WHEREOF, the parties have executed this Agreement by their duly authorized, respective officers, and by doing so, hereby affirm that the Agreement is enforceable on behalf of and against each party as of the date written herein.

ILLINOIS EASTERN COMMUNITY COLLEGES

  
\_\_\_\_\_  
Terry Bruce, Chief Executive Officer  
Illinois Eastern Community Colleges

4/17/18  
\_\_\_\_\_  
Date

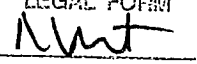
  
\_\_\_\_\_  
Andrew Fischer, DMD, Chairman of Board of Trustees  
Illinois Eastern Community Colleges

4/17/18  
\_\_\_\_\_  
Date

BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY

By Dr. M Chevalier  
\_\_\_\_\_  
Lizette Chevalier, Associate Provost for Academic Programs  
for Carlo Montemagno, Chancellor  
Southern Illinois University Carbondale

3/16/18  
\_\_\_\_\_  
Date

<sup>SAU</sup>  
APPROVED  
AS TO  
LEGAL FORM  
  
\_\_\_\_\_  
9 March 2018

| PROGRAM ARTICULATION DEGREE PLAN  |                                     |   |  |  |         |
|---|-------------------------------------|---|--|--|---------|
| Illinois Eastern Community Colleges (Wabash Valley) 2017-2018                 |                                     | Southern Illinois University Carbondale                           |  |  |         |
| AAS Advanced Manufacturing - 64 hrs   |                                     | BS Industrial Management and Applied Engineering (IMAE) - 120 hrs |  |  |         |
|   |                                     | University Core Curriculum (UCC) CAPSTONE OPTION - 30 hrs         |  |  |         |
|   |                                     | Hrs   |  |  | Hrs     |
| ENG 1101  | Composition I                       | 3   | UCOL 101<br>ENGL 101   | Foundations of Inquiry<br>English Composition I          | NA<br>T |
|   |                                     |   | ENGL 102   | English Composition II                                   | NA      |
| MTH 1102*   | College Algebra                     | 4   | CMST 101   | Intro: Oral Communication                                | 3       |
| PSY 1101  | General Psychology I                | 3   | MATH 108 (Required for BS degree)  | College Algebra  | T       |
|   |                                     |   | PSYC 102   | Intro to Psychology                                      | T       |
|   |                                     |   | SOCIAL SCIENCE   |  | 3       |
|   |                                     |   | HUMANITIES   |  | 3       |
|   |                                     |   | HUMANITIES   |  | NA      |
| PHY 1120*   | Physics I                           | 5   | PHYS 203/253A (Required for BS degree)   | College Physics/Lab                                      | T       |
|   |                                     |   | LIFE SCIENCE, GRP II   |  | 3       |
|   |                                     |   | FINE ARTS  |  | 3       |
|   |                                     |   | HUMAN HEALTH   |  | NA      |
|   |                                     |   | MULTICULTURAL  |  | 3       |
| *Recommended to fulfill BS degree requirements                                |                                     | 15  |  |  | 18      |
| <b>Program Requirements</b>   |                                     |   | <b>Program Requirements</b>  |  |         |
| CAD 1210 Computer Aided Drafting I  |                                     | 3   | The AAS degree in Advanced Manufacturing as articulated fulfills the 22 hours of technical elective requirements for the BS degree in Industrial Management and Applied Engineering. |  |         |
| DAP 1201  | Business Computer Systems           | 3   |  |  |         |
| EDR 1202  | Mechanical Blueprint Reading        | 4   |  |  |         |
| GEN 2297  | Employment Skills                   | 2   |  |  |         |
| MAC 1203  | Precision Measurement               | 3   |  |  |         |
| MAC 2231  | Introduction to CNC                 | 3   |  |  |         |
| MAN 1201  | Introduction to Machining           | 5   |  |  |         |
| MAN 1202  | Industrial Safety                   | 2   |  |  |         |
| MAN 1204  | Manufacturing Materials & Processes | 4   | IMAE 208 (Required for BS degree)  | Fundamentals of Manufacturing Processes                  | T       |
| MAN 1211  | Industrial Electricity              | 4   |  |  |         |
| MAN 1215  | Mechanical Drives                   | 3   |  |  |         |
| MAN 2201  | Quality Concepts and Techniques     | 2   |  |  |         |
| MAN 2202  | Leadership                          | 3   | IMAE 442 (Required for BS degree)  | Fundamentals of Leadership                               | T       |
| MAN 2211  | Programmable Logic Controllers      | 4   |  |  |         |
| WEL 1203  | Practical Welding                   | 4   |  |  |         |
|   |                                     | 49  |  |  |         |
|   |                                     |   | IMAE 110   | Geometric Dimensioning & Tolerancing                     | 3       |
|   |                                     |   | PHYS 203/253B  | College Physics/Lab                                      | 4       |
|   |                                     |   | IMAE 305   | Industrial Safety  | 3       |
|   |                                     |   | IMAE 307   | Applied Calculus for Technology                          | 3       |
|   |                                     |   | PSYC 323 or IMAE 340   | Organizational Psychology or Introduction to Supervision | 3       |
|   |                                     |   | IMAE 376   | Supply Chain Op. & Logistics                             | 3       |
|   |                                     |   | IMAE 390   | Cost Estimating  | 3       |
|   |                                     |   | IMAE 392   | Facilities Plan/Workplace Design                         | 3       |
|   |                                     |   | IMAE 445   | Computer-Aided Manufacturing                             | 3       |
|   |                                     |   | IMAE 450   | Project Management                                       | 3       |
|   |                                     |   | IMAE 465   | Lean Manufacturing                                       | 3       |
|   |                                     |   | IMAE 470A  | Six Sigma Green Belt                                     | 3       |
|   |                                     |   | IMAE 470B  | Six Sigma Green Belt II                                  | 3       |
|   |                                     |   | IMAE 476   | Supply Chain Design & Strategy                           | 3       |
|   |                                     |   | IMAE Electives   | (Must be at 300/400 level)                               | 6       |
|   |                                     |   |  |  | 49      |
| Total semester hrs completed w/ AAS degree:                                   |                                     | 64  | Total semester hrs completed w/ BS degree:   |  | 67      |
|   |                                     |   | Total hours to BS degree:  |  | 131     |
| * Note: PSYC 323 instead of IMAE 340 is an option for on-campus students only |                                     |   |  |  |         |