ABET

ENGINEERING TECHNOLOGY ACCREDITATION COMMISSION

Summary of Accreditation Actions
2019–2020 Accreditation Cycle

Indiana State University
Terre Haute, IN, United States

Architectural Engineering Technology (Bachelor of Science)

Accredit to September 30, 2022. A request to ABET by January 31, 2021 will be required to initiate a reaccreditation evaluation visit. In preparation for the visit, a Self-Study Report must be submitted to ABET by July 1, 2021. The reaccreditation evaluation will be a comprehensive general review.

This is a newly accredited program. Please note that this accreditation action extends retroactively from May 1, 2018.

Civil Engineering Technology (Bachelor of Science)
Manufacturing Engineering Technology (Bachelor of Science)

Accredit to September 30, 2022. A request to ABET by January 31, 2021 will be required to initiate a reaccreditation evaluation visit. In preparation for the visit, a Self-Study Report must be submitted to ABET by July 1, 2021. The reaccreditation evaluation will be a comprehensive general review.

These are newly accredited programs. Please note that this accreditation action extends retroactively from October 1, 2017.
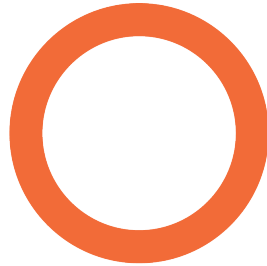
ABET

ENGINEERING TECHNOLOGY ACCREDITATION COMMISSION

INDIANA STATE UNIVERSITY

TERRE HAUTE, IN, UNITED STATES

FINAL STATEMENT OF ACCREDITATION

2019-20 ACCREDITATION CYCLE

INDIANA STATE UNIVERSITY

Terre Haute, IN, United States

ABET ENGINEERING TECHNOLOGY ACCREDITATION COMMISSION

FINAL STATEMENT

VISIT DATES: SEPTEMBER 29 – OCTOBER 1, 2019
ACCREDITATION CYCLE CRITERIA: 2019–2020

INTRODUCTION & DISCUSSION OF STATEMENT CONSTRUCT

The Engineering Technology Accreditation Commission (ETAC) of ABET has evaluated the Architectural Engineering Technology (Bachelor of Science), Civil Engineering Technology (Bachelor of Science), and Manufacturing Engineering Technology (Bachelor of Science) programs at Indiana State University.

The statement that follows consists of two parts: the first addresses the institution and its overall educational unit, and the second addresses the individual programs.

A program's accreditation action is based upon the findings summarized in this statement. Actions depend on the program's range of compliance or non-compliance with the criteria. This range can be construed from the following terminology:

- **Deficiency** A deficiency indicates that a criterion, policy, or procedure is not satisfied. Therefore, the program is not in compliance with the criterion, policy, or procedure.

- **Weakness** A weakness indicates that a program lacks the strength of compliance with a criterion, policy, or procedure to ensure that the quality of the program will not be compromised. Therefore, remedial action is required to strengthen compliance with the criterion, policy, or procedure prior to the next review.

- **Concern** A concern indicates that a program currently satisfies a criterion, policy, or procedure; however, the potential exists for the situation to change such that the criterion, policy, or procedure may not be satisfied.

- **Observation** An observation is a comment or suggestion that does not relate directly to the current accreditation action but is offered to assist the institution in its continuing efforts to improve its programs.

INFORMATION RECEIVED AFTER THE REVIEW

- **Seven-Day Response** No information was received in the seven-day response period.

- **30-Day Due-Process Response** Information was received in the 30-day due-process response period relative to the Architectural Engineering Technology, Civil Engineering Technology, and

Manufacturing Engineering Technology programs.

- **Post-30-Day Due-Process Response** Information was received in the post-30-day due-process response period relative to the Architectural Engineering Technology program.

INSTITUTIONAL SUMMARY

Indiana State University (ISU) was established by the Indiana General Assembly on December 20, 1865, as the Indiana State Normal School in Terre Haute. In 1961,it was renamed Indiana State College due to an expanding mission and in 1965, the Indiana General Assembly renamed the college as Indiana State University in recognition of continued growth. It offers over 100 undergraduate majors and more than 75 graduate and professional programs. ISU is noted for its focus on public service, has been a member of the President's Higher Education Community Service Honor Roll, and was named the national Non-profit Leadership Campus of the Year in 2013.

Architectural Engineering Technology

Bachelor of Science Program

Evaluated under ETAC Program Criteria for
Architectural Engineering Technology and Similarly Named Programs

INTRODUCTION

The Bachelor of Science in Architectural Engineering Technology (ArET) program at Indiana State University (ISU) was initially approved by the ISU Board of Trustees and Indiana Commission of Higher Education in 2014 and underwent curriculum revisions in 2018 to satisfy ABET guidelines on course requirements. The program prepares students with the technical and managerial skills necessary to enter careers in planning, design, construction, operation, and maintenance aspects of the built environment. The total required technical courses are comprised of credit hours drawn from construction management (30 credits) and interior architectural design (27 credits) curricula.

PROGRAM DEFICIENCY

Accreditation Policy and Procedure Manual

Section I.A.6.b. states, "each ABET- accredited program must publicly post annual student enrollment and graduation data specific to the program." Review of the program's listing in the on-line catalog failed to find published program enrollment and graduation data. Therefore compliance with this section of the APPM is not met.

30-Day Due-Process Response

The enrollment and graduation data for the College of Technology at Indiana State University can be found on our College website at below link:

https://www.indstate.edu/technology/enrollment-graduation

The enrollment and graduation numbers for Architectural Engineering Technology are listed on on this web page. The College website has 5-year enrollment and graduation data for every program offered.

Status

The program deficiency has been resolved.

PROGRAM WEAKNESS

Criterion 4. Continuous Improvement

This criterion states, "The program must regularly use appropriate, documented processes for assessing and evaluating the extent to which the student outcomes are being attained." The mechanism used for assessment of most students outcome depends on projects that involve students from different programs. Reliance on project team grades, which include grades from students in other programs, does not provide sufficient evidence of the architectural engineering technology student's attainment of the required student outcomes. There is a two-year assessment cycle to assess students outcomes. Evidence indicated that only one assessment cycle occurred during the review period. This did not provide enough results of the evaluations to ensure continuous improvement of the program. Therefore, the strength of compliance with this criterion is lacking.

30-Day Due-Process Response

The program responded that it is in the process of gathering information to support satisfying this finding. It plans to submit supplemental material.

Status

The program weakness is unresolved. The ETAC anticipates receiving documentation of an appropriate process for assessing and evaluating the extent to which student outcomes are attained and that this process is being followed systematically. Documentation of using the results of assessment and evaluation for continuous improvement actions is also anticipated.

Post-30-Day Due-Process Response

This program has been evaluated for initial accreditation at a time when the requirements for student outcomes in Criterion 3 were changing. In response to this finding, the program has updated its student outcomes and changed the process for assessing and evaluating all student outcomes now in place. Further, the program has used the new process to assess and evaluate student outcomes for a second time, compared the results with the previous assessment, and formulated and implemented several changes to the instruments and rubrics used for assessment. They have reevaluated the courses and responded to the issue of mixing assessment of students in the program with students in other programs. The program has developed and used an appropriate process for the assessment of the extent to which student outcomes are attained and has a schedule for a regular two-year assessment cycle to repeat the process.

Status

The program weakness has been resolved.

Civil Engineering Technology
Bachelor of Science Program

Evaluated under ETAC Program Criteria for
Civil Engineering Technology and Similarly Named Programs

INTRODUCTION

The Bachelor of Science in Civil Engineering Technology (CVET) program was started in fall 2012. The program was revised effective in the fall of 2015 to better serve the students and to improve alignment with the plan for ABET accreditation. The program will prepare graduates with the technical and managerial skills necessary to enter careers in the planning, design, construction, operation or maintenance of the built environment and global infrastructure. Graduates will be able to analyze and design systems, specify project methods and materials, perform cost estimates and analyses, and manage technical activities in support of civil projects.

PROGRAM DEFICIENCY

Accreditation Policy and Procedure Manual

Section I.A.6.b. states, "each ABET- accredited program must publicly post annual student enrollment and graduation data specific to the program." Review of the program's listing in the on-line catalog failed to find published program enrollment and graduation data. Therefore, this section of the APPM is not met.

30-Day Due-Process Response

The enrollment and graduation data for the College of Technology at Indiana State University can be found on our College website at below link:

https://www.indstate.edu/technology/enrollment-graduation

The enrollment and graduation numbers for Civil Engineering Technology are listed on on this web page. The College website has 5-year enrollment and graduation data for every program offered.

Status

The program deficiency has been resolved.

FINAL STATEMENT **INDIANA STATE UNIVERSITY**

Manufacturing Engineering Technology
Bachelor of Science Program

Evaluated under ETAC Program Criteria for
Manufacturing Engineering Technology and Similarly Named Programs

INTRODUCTION

The advanced manufacturing management program curriculum was modified, and the name was changed to manufacturing engineering technology (MFET) in the fall of 2015 to meet the current needs of the constituents and conform to ETAC of ABET standards. The Bachelor of Science in Manufacturing Engineering Technology program provides students with the knowledge and management skills needed to pursue a manufacturing career. As one of the leading industries in the United States, manufacturing needs trained professionals who can improve processes and products in an increasingly competitive world market. Graduates are competent in both the technical and managerial aspects of advanced manufacturing and find employment as quality specialists, manufacturing engineers, project engineers, supervisors/ managers and a variety of other high demand/high wage jobs in the manufacturing industry.

PROGRAM DEFICIENCY

Accreditation Policy and Procedure Manual

Section I.A.6.b. states, "each ABET- accredited program must publicly post annual student enrollment and graduation data specific to the program." Review of the program's listing in the on-line catalog failed to find published program enrollment and graduation data. Therefore this section of the APPM is not met.

30-Day Due-Process Response

The enrollment and graduation data for the College of Technology at Indiana State University can be found on our College website at below link:

https://www.indstate.edu/technology/enrollment-graduation

The enrollment and graduation numbers for Manufacturing Engineering Technology are listed on on this web page. The College website has 5- year enrollment and graduation data for every program offered.

Status

The program deficiency has been resolved.