Visiting Team Worksheet – Baccalaureate Level
***** 2009 Handbook *****

Industrial Technology

Visiting Team Report
for the
The Association of Technology, Management, and Applied Engineering

Institution: Indiana State University
President or CEO: Dr. Daniel Bradley
City & State: Terre Haute, IN

Previous ATMAE Accreditation(s):	Visiting Team Members:
	Name: Dr. Verna Fitzsimmons Organization: Kent State University
	Name: Dr. Todd Myers Organization: Ohio University
	Name: Dr. Mandara Savage Organization: Southern Illinois Univ - Carbondale
	Name: Dr. Jess Godbey Organization: Jacksonville State Univ.

Current Accreditation Request Date:

12/9/2009

Date of Accreditation Self-Study Report:

March 30, 2010

Date of Visiting Team Report:
3/30/1930

Program(s) Reviewed (with Options):

Program: B.S. Automotive Technology Management

Program: B.S. Computer Engineering Technology (formally Computer Hardware Technology)

Program: B.S. Electronics Technology

Program: B.S. Advanced Manufacturing Technology

Program: B.S. Packaging

Program: B.S. Technology Management

I. The On-Site Visit

   A. Date of the Visit   March 28-30, 2010

   B. The Visiting Team (provide names, addresses, and telephone numbers)

Chair:	Dr. Verna M. Fitzsimmons
Address 1:	College of Technology
Address 2:	PO Box 5190
City, State Zip:	Kent, OH 44243

Team Member 1:	Dr. Todd Myers
Address 1:	Ohio University
Address 2:	Rm 124B Stocker Center
City, State Zip:	Athens, OH 45701-2979

Team Member 2:	Dr. Mandara Savage
Address 1:	Southern Illinois University – Carbondale, Technology
Address 2:	Mail code 6603
City, State Zip:	Carbondale, IL62901-6603

Team Member 3:	Dr. Jess Godbey
Address 1:	Jacksonville State University, 134 Ayers Hall
Address 2:	700 Pelham Road North
City, State Zip:	Jacksonville, AL 36265

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 368 -

3

C. On-Site Visit Agenda (provide the specific agenda followed during the visit)

COLLEGE OF TECHNOLOGY
ATMAE ACCREDITATION TEAM VISIT
Tentative Visitation Schedule

Sunday, March 28, 2010

4:00	Team meets with Dr. Fitzsimmons for initial team meeting (Hilton Garden Inn)
6:00	Dinner at Hilton Garden Inn – Deans, faculty, guests
	Host, Dr. Jeff McNabb
	Review of the visitation schedule
	Final modifications of the schedule
	Campus maps
	Tour College of Technology

Monday, March 29, 2010

6:30-7:30	Team meets for breakfast
7:45-8:15	Team meets with Dean Brad Sims and Associate Deans Jeff McNabb and Marcia Miller in ISU College of Technology Conference Room (TA113)
8:00-9:25	Prep meeting for team.(TC 316)
9:30-9:55	Department Chairs. Admissions Office, Rich Toomey (EH114); Safety Management faculty (place TBA)
10:00-10:25	Class visitations by assignment
10:30-11:40	President Dan Bradley and Provost Jack Maynard (President's Office)
11:45-1:25	Luncheon with College of Technology & Safety Management faculty, student organization representatives, and advisory board members (place TBA)
1:30-2:15	Review Student Records in College of Technology Records Office (TC101-B); Review Course Outlines/Faculty Resumes (TC314 Resource Room)
2:20-2:55	Student Interviews; Associate Vice President Mark Green (RA200)
3:00-3:25	Class visitations by assignment
3:30-4:30	Team visit with Kent Waggoner, Director of Career Center (Career Center Conference Room)

Tuesday, March 30, 2010

6:30-7:30	Team meets for breakfast
8:15-8:45	Meet with Alberta Comer, Dean, the Cunningham Memorial Library, Library Dean's Conference Room; Kelly Wilkinson, Surveys (NH 301F)
8:50-9:25	Review course materials (TC314 Resource room)
9:30-9:55	Team visit with Director of General Education Linda Maule (location TBA); Ruth Cain, Assessment (Gillum 103J); Tom Sauer, Dean, College of Arts & Sciences (SH 200)
10:00-10:25	Interview of Graduates – Dean's Conference Room (TA113) [phone calls; need a list] unlock
11:00-12:30	Lunch [on your own]
12:45 – 1:15	Summary with Dean Simms and Associate Deans McNabb and Miller
1:00 (or 2)	Exit interviews – TC105. President Bradley, Provost Maynard, Dean Sims, Associate Deans McNabb & Miller, all faculty preparing self studies, all faculty of programs [others? Dept. Chairs?]

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   **- 369 -**

4

D. Current Accreditation Status of Programs (provide the current accreditation status of all programs and program options under consideration)

All the BS programs for which we are requesting re-accreditation are currently fully accredited by ATMAE. They are:

Programs from the College of Technology:

Electronics, Computer, and Mechanical Engineering Technology Department:

Automotive Technology Management BS
Computer Engineering Technology BS
Electronics Technology BS

Technology Management Department:

Advanced Manufacturing Management BS
Packaging BS
Technology Management BS

Program from the College of Nursing, Health, and Human Services are being reviewed under the assessment model:

Health, Safety, and Environmental Health Sciences Department

Safety Management BS

II. General Information

A. The Institution (summarize the information about the institution included In the self-study report)

Indiana State University, home of the Sycamores, is located in Terre Haute, Indiana, (population 60,000) in the heart of mid-America. Its urban campus has been transformed with pedestrian brick walkways and landscaped open areas replacing streets and outdated buildings.

Founded in 1865 as a training school for teachers, ISU enrolled its first 21 students in 1870. Today – three name changes later – the University offers its 11,000 students more than 100 degree programs through the Bayh College of Education; College of Arts and Sciences; College of Nursing, Health, and Human Services; Donald W. Scott College of Business; College of Technology; and the College of Graduate and Professional Programs. Degrees

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 370 -

5

are awarded at associate, baccalaureate, masters, education specialist, and doctoral levels. In addition, ISU offers a variety of non-credit courses, cultural and recreational opportunities, and diversified workshops, seminars and conferences.

Characterized by small classes, Indiana State has a faculty and staff committed to a personal approach to higher education. Full-time professors teach nine out of ten classes. ISU's 75,000 alumni occupy positions of leadership in education, business, industry, government and public service.

More than 60 buildings, plazas and walkways comprise the main campus on 190 acres adjacent to the Terre Haute business district. In addition, the University maintains family housing units on a 15-acre site one mile south of the main campus and a 12,764 seat football and athletic facility two miles to the east. The 35- acre river campus located along the Wabash is the site of the University's outstanding baseball program.

B. Administrative Unit(s) Information (include specific organization and personnel information about the department, college, and division housing the programs being evaluated)

Names of Deans and Associate Deans

College of Technology:

Dr. Brad Sims, Dean

Dr. Jeffrey McNabb, Associate Dean

College of Nursing, Health, and Human Services:

Dr. Richard "Biff" Williams, Dean

Dr. Jeffrey Edwards, Associate Dean

Dr. Marcia Miller, Associate Dean

Dr. Jason Winkle, Associate Dean

Names of Department Chairs Requesting Accreditation

Department of Electronics, Computer, and Mechanical Engineering Technology
Dr. Ming Zhou, Chair
Automotive Technology Management BS

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   **- 371 -**

6

Computer Engineering Technology BS
Electronics Technology BS

Department of Technology Management
Dr. James Smallwood, Chair
Advanced Manufacturing Management BS
Packaging Technology BS
Technology Management BS

Health, Safety, and Environmental Health Science
Dr. Yasenka Peterson, Chair
Safety Management BS
Health and Safety (Occupational Safety Management) MS

Names of other Departments in Administrative Units

College of Technology:

Prof. Harry Minniear, Chairperson
Aviation Department

College of Nursing, Health, and Human Services:

Dr. Debra Mallory, Chairperson
Advanced Practice Nursing

Prof. Leamore Kahanov, Chairperson
Athletic Training Department

Prof. Gloria Plascak, Chairperson
Baccalaureate Nursing Department

Prof. Esther Acree, Chairperson
Baccalaureate Nursing Completion Department

Dr. Molly Hare, Chairperson
Physical Education Department

Dr. Steven Smidley, Chairperson
Recreation and Sport Management Department

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 372 -

7

III. Compliance with Standards (describe how each program and option complies with, or fails to comply with each standard - the final line shall indicate whether the program or option is in non-compliance, partial compliance, or compliance)

6.1 Preparation of Self-Study Report

Self-Analysis: The Self-Study Report shall follow the guidelines and be completed by a representative portion of the institution's administrative staff, teaching faculty, and students.

All Program/Option Same: Compliance Partial Compliance Non-Compliance

Program:		
Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	Compliance X Partial Compliance Non-Compliance
Program: Electronics Technology BS	Compliance X Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Packaging BS:	Compliance X Partial Compliance Non-Compliance
Program: Technology Management BS	Compliance X Partial Compliance Non-Compliance

Comments:
Automotive Technology Mgt: missed numbered 6.6.4- 6.6.8 but are in the correct order.

Computer Engineering Technology: Section 6.6.x appears that they may have used the 2004 accreditation book.

Electronics Technology: Section 6.6.x appears that they may have used the 2004 accreditation book.

Advanced Manufacturing Mgt: No comment

Packaging: Section 6.6.x appears that they may have used the 2004 accreditation book.

Technology Management: Section 6.6.x appears that they may have used the 2004 accreditation book.

General: No indication there was student representation for the preparation of the self-study. There were missing references for data provided.

6.2 Philosophy and Objectives

6.2.1 Mission: The department, college, and institutional missions shall be compatible with the approved definition of Industrial Technology.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program:		
Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS	X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Packaging BS:	X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS	X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 373 -

8

6.2.2 Program Definition: The program of study definition and purpose shall be compatible with the approved definition of Industrial Technology.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

Comment: CET program published a mission statement the program website. This was the only program mission statement found. All other programs had published program descriptions. Faculty interviews would suggest that some of the program mission statements were developed but are not published in any other document presented.

6.2.3 Program Acceptance: Each program of study shall be understood and accepted by appropriate individuals and representative groups within the internal university community and the external business and industrial community.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.2.4 Program Goals: Each program of study shall have: (1) clearly written short and long range goals and objectives, which are consistent with the program mission statement; and (2) plans for achieving them.

All Program/Option Same: Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   Compliance X Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: Compliance Partial Compliance X Non-Compliance
Program: Electronics Technology BS   Compliance Partial Compliance X Non-Compliance
Program: Advanced Manufacturing Mgt BS   Compliance X Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

Comments:
Automotive Technology – Most of the short term goals have plans for achieving the goals (3 out of 5 objectives). Long term goals and objective have no plans identified for achieving them.

Computer Engineering Tech – There are student learning outcomes described. No long or short term goals/objectives and no plans for achieving.

Electronics Technology - There are learning outcomes described. No long or short term goals/objectives and no plans for achieving.

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 374 -

9

Advanced Manufacturing Mgt – Long and short range goals are identified. Plans for achieving the goals are only listed for long range.

Packaging – Compliant

Technology Management – Compliant

6.3 Program of Study

6.3.1 Program Name: Each program of study and/or program option shall have appropriate titles consistent with the approved ATMAE definition of Industrial Technology.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.3.2 Program Level: The program of study shall lead to the baccalaureate degree, and not less than the junior and senior years of baccalaureate level study shall be offered by the institution seeking accreditation. Appropriate lower division requirements may be offered by the same institution or may be transferred from other institutions such as community colleges and technical institutes.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.3.3 Program Definition: The program of study may have more than one option, specialization, or concentration; but specific course requirements for each option shall be clearly specified, and the requirements for all program options shall meet or exceed appropriate ATMAE standards.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 375 -

10

6.3.4 Program Emphasis: Primary emphasis in the program of study shall reflect the current technology and management of industry.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.3.5 Foundation Requirements: Program of study shall be a minimum of 120 semester hours (or equivalent) and must meet the minimum foundation requirements shown in Table 6.1. Programs may exceed the maximum foundation requirements specified in each area, but appropriate justification shall be provided for each program and/or program option that exceeds the maximum limits. A specific list of courses and credit hours that are being counted toward each curricular category shall be included in the Self-Study Report.

Table 6.1 – Program of Study
Minimum - Maximum Foundation Requirements (semester hours)

Categories	Required Hours	Pro/Opt 1 Automotive Technology Management	Pro/Opt 2 Computer Engineering Technology	Pro/Opt 3 Electronics Technology	Pro/Opt 4 Advanced Manufacturing Management	Pro/Opt 5 Packaging	Pro/Opt 6 Technology Management
General Ed	18-36	46	35-44	35-44	35-44	35-44	35-44
Mathematics	6-18	6	9	18	9-12	6	9
Physical Sci	6-18	8	8	8	7	8	8
Management	12-24	19	21	15	22	21	27
Technical	24-36	36	39	36	35	36	27
Electives	0-18	8	6	8	9-18	9-18	9-18

(provide specific program names at top of columns and summarize findings)

All Program/Option Same: Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: Compliance X Partial Compliance Non-Compliance
Program: Electronics Technology BS   Compliance X Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   Compliance X Partial Compliance Non-Compliance
Program: Packaging BS: Compliance X Partial Compliance Non-Compliance
Program: Technology Management BS   Compliance X Partial Compliance Non-Compliance

Comments:

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 376 -

11

Automotive Technology Management: Compliant.

Computer Engineering Technology: This program includes Principles of Structure Design under the mathematics category. Review of the syllabus suggests this course is a better fit under the technical category.

Electronic Technology: This program lists 18 hours of mathematics; however, this included Principles of Structured Design, Circuits 1 and 2 as well as circuit design by calculus. Review of these syllabi suggests these courses would be better placed under technical.

Advanced Manufacturing: This program listed TMGT 195 Information Technology Literacy as a mathematics course however, review of the syllabus does not indicate this is a mathematics course.

Packaging: This program lists TMGT 195 Information Technology Literacy as a mathematics course however; review of the syllabus does not indicate this is a mathematics course.

Technology Management: Management hours are higher than recommended without justification.

6.3.6 Course Sequencing: There shall be evidence of appropriate sequencing of course work in each program of study to ensure that advanced level courses build upon concepts covered in beginning level course work.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.3.7 Application of Mathematics and Science: Appropriate applications of the principles of mathematics and science shall be evident in technical and management course work.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.3.8 Computer Applications: The program of study shall include instruction on computer application software, and the use of computers for information retrieval and problem solving.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 377 -

12

Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.3.9 Communications: Oral presentations and technical report writing shall be evident in both technical and management course requirements.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.3.10 Industrial Experience: Each program of study shall include appropriate industrial experiences such as industrial tours, work-study options/cooperative education, and/or senior seminars focusing on problem-solving activities related to industry. Industrial experiences shall be designed to provide an understanding of the industrial environment and what industry expects of students upon employment.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.3.11 Competency Identification: Student competencies shall be identified for each program of study, including all options, which are relevant to current employment opportunities available to graduates.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.3.12 Competency Validation: Validation of program of study outcomes/student competencies shall be an on-going process and shall be accomplished through a combination of external experts, industrial advisory committee(s), and follow-up studies of program graduates. Documentation of this validation shall be provided in the Self-Study.

All Program/Option Same: Compliance X Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 378 -

13

Program:	Automotive Technology Mgt BS	Compliance	X Partial Compliance	Non-Compliance
Program:	Computer Engineering Technology BS:	Compliance	X Partial Compliance	Non-Compliance
Program:	Electronics Technology BS	Compliance	X Partial Compliance	Non-Compliance
Program:	Advanced Manufacturing Mgt BS	Compliance	X Partial Compliance	Non-Compliance
Program:	Packaging BS:	Compliance	X Partial Compliance	Non-Compliance
Program:	Technology Management BS	Compliance	X Partial Compliance	Non-Compliance

Comments:

Automotive Technology Mgt: No evidence was provided during the visit of documentation of follow-up studies of program graduates. No evidence of surveys of this program employers were collected for this self-study or were presented during the site visit.

Computer Engineering Technology: No evidence was provided during the visit of documentation of follow-up studies of program graduates. No evidence of surveys of this program employers were collected for this self-study or were presented during the site visit.

Electronic Technology: There No evidence was provided during the visit of documentation of follow-up studies of program graduates. No evidence of surveys of this program employers were collected for this self-study or were presented during the site visit..

Advanced Manufacturing Mgt: No evidence was provided during the visit of documentation of follow-up studies of program graduates. No evidence of surveys of this program employers were collected for this self-study or were presented during the site visit.

Packaging: No evidence was provided during the visit of documentation of follow-up studies of program graduates. Only 3 employers responded for the packaging survey but these respondents data was mixed with the summative datat of all 14 programs surveyed making analysis difficult.

Technology Management: Competency validation includes reviews through institutional and industrial advisory board meetings. No evidence was provided during the visit of documentation of follow-up studies of program graduates. No evidence of

6.3.13 Program Development, Revision, and Evaluation: Program of study development, revision, and evaluation shall involve currently enrolled students, faculty, program graduates, and representative employers.

All Program/Option Same:	Compliance	Partial Compliance	Non-Compliance

Program:	Automotive Technology Mgt BS	X Compliance	Partial Compliance	Non-Compliance
Program:	Computer Engineering Technology BS:	X Compliance	Partial Compliance	Non-Compliance
Program:	Electronics Technology BS	X Compliance	Partial Compliance	Non-Compliance
Program:	Advanced Manufacturing Mgt BS	Compliance	X Partial Compliance	Non-Compliance
Program:	Packaging BS:	Compliance	X Partial Compliance	Non-Compliance
Program:	Technology Management BS	Compliance	X Partial Compliance	Non-Compliance

Comments:

Advanced Manufacturing Management: There is no evidence of graduate input.
Packaging: There is no evidence of graduate input.
Technology Management: There is no evidence of graduate input

6.3.14 Transfer Course Work: Institution and/or department policies shall be used to evaluate course work transferred from other institutions. All programs/options, including those with a significant amount of transfer course work, must meet the

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 379 -

14

minimum credit hour foundation course requirements (Table 6.1) in each curricular category.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS	X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Packaging BS:	X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS	X Compliance Partial Compliance Non-Compliance

6.3.15 Upper Division Course Work: Students shall successfully complete a minimum of 15 semester hours of junior and/or senior level major courses at the institution seeking program accreditation.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS	X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Packaging BS:	X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS	X Compliance Partial Compliance Non-Compliance

6.3.16 Program Publicity - Adequate and Accurate Public Disclosure: Institutions shall broadly and accurately publicize, particularly to prospective students: (a) Industrial Technology program goals and objectives, (b) preadmission testing, evaluation requirements, and standards, (c) assessment measures used to advance students through the program(s), and (d) fees and other charges.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS	X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Packaging BS:	X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS	X Compliance Partial Compliance Non-Compliance

6.3.17 Legal Authorization: Only institutions legally authorized under applicable state law to provide degree programs beyond the secondary level, and that are recognized by the appropriate national or regional accrediting agency, are considered for ATMAE accreditation.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS	X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 380 -

15

Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.4 Instruction

6.4.1 Course Syllabi: Course syllabi must be presented which clearly describe appropriate course objectives, content, references utilized, student activities, and evaluation criteria. Representative examples of student's graded work shall be available for coursework

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.4.2 Reference Materials: Appropriate reference materials such as periodicals, audio-visual materials, websites, and computer application software (when appropriate) shall be utilized for each course or series of courses to supplement text-books or course packs.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.4.3 Program Balance: Appropriate laboratory activity shall be included in the program(s) and a reasonable balance must be maintained in course work between the practical application of "how" and the theoretical/conceptual emphasis of "why."

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.4.4 Problem-Solving Activities: Emphasis in instruction shall be focused on problem-solving activities which reflect contemporary industrial applications.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 381 -

16

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: ˙X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.4.5 Supervision of Instruction: Appropriate supervision of instruction shall be evident throughout the program.

All Program/Option Same: Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

Comments:

6.4.6 Scheduling of Instruction: The organization and scheduling of instruction shall allow adequate time for completion of appropriate homework assignments and laboratory problem-solving activities.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.5 Faculty

6.5.1 Full-Time Faculty: Each program of study option shall have an adequate number of full-time faculty.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.5.2 Minimum Faculty Qualifications: The review of program faculty qualifications shall include current faculty resumes providing clear evidence documenting the extent and currency of: (a) academic preparation, (b) industrial experience at the

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 382 -

17

management/supervisory levels, (c) applied industrial experience related to the program content area(s), (d) current certifications/licensure related to the program content area(s), (e) membership and participation in appropriate professional organizations, and (f) scholarly activities. The minimum academic qualifications for regular tenure track, or full time, faculty members shall be a graduate degree in a discipline closely related to the instructional assignment.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.5.3 Academic Preparation of Faculty: A minimum of fifty percent of the regular tenure track, or full-time, faculty members assigned to teach in the program of study content area(s) shall have an earned doctorate or appropriately defined terminal degree. Exceptions may be granted to this standard if the institution has a program in place that will bring the faculty demographics into compliance within a reasonable period of time.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.5.4 Selection and Appointment Policies: Policies and/or procedures utilized in the selection and appointment of faculty shall be clearly specified and shall be conducive to the maintenance of high quality instruction.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.5.5 Tenure and Reappointment Policies: Faculty tenure and/or reappointment policies and procedures shall be comparable to other professional program areas in the institution. Requirements in the areas of teaching, service, and scholarly activity shall be clearly specified for faculty in Industrial Technology.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 383 -

18

Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS	X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Packaging BS:	X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS	X Compliance Partial Compliance Non-Compliance

6.5.6 Faculty Loads: Faculty teaching, advising, and service loads shall be comparable to the faculty in other professional program areas at the institution. Consideration shall be given in faculty teaching load assignments to high contact hours resulting from laboratory teaching assignments.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS	X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Packaging BS:	X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS	X Compliance Partial Compliance Non-Compliance

6.6 Students

6.6.1 Admission and Retention Standards: Admission and retention standards shall be used to ensure that students enrolled are of high quality. These standards shall compare favorably with the institutional standards. Sources of information may include admission test scores, secondary school rankings, grade point averages, course syllabi, course examinations, written assignments, and oral presentations.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS	X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Packaging BS:	X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS	X Compliance Partial Compliance Non-Compliance

6.6.2 Scholastic Success of Students: Students in Industrial Technology shall have scholastic success comparable to those in other professional curricula in the institution. Grading practices in Industrial Technology courses shall be comparable to other departments and/or programs in the institution.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS:	X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS	X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS	X Compliance Partial Compliance Non-Compliance
Program: Packaging BS:	X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS	X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 384 -

19

6.6.3 Placement of Graduates: The initial placement, job titles, job descriptions, and salaries of graduates shall be consistent with the program(s) goals and objectives. Industry's reaction to graduates as employees must be favorable. Follow-up studies of graduates shall be conducted every two to five years. Summary statistics relating to follow-up studies of graduates shall be made available to the visiting team. These statistics shall include placement rates as well as salary levels of program graduates.

All Program/Option Same: Compliance Partial Compliance X Non-Compliance

Program: Automotive Technology Mgt BS   Compliance Partial Compliance X Non-Compliance
Program: Computer Engineering Technology BS: Compliance Partial Compliance X Non-Compliance
Program: Electronics Technology BS   Compliance Partial Compliance X Non-Compliance
Program: Advanced Manufacturing Mgt BS   Compliance Partial Compliance X Non-Compliance
Program: Packaging BS: Compliance Partial Compliance X Non-Compliance
Program: Technology Management BS   Compliance Partial Compliance X Non-Compliance

Comments: Survey of graduates has not been formally conducted for six years.

6.6.4 Student Evaluation of Program(s): Evaluations of the Industrial Technology program(s) shall be made by its graduates on a regular basis (two to five years). Reactions and recommendations shall be considered in program revisions.

All Program/Option Same: Compliance Partial Compliance   X Non-Compliance

Program: Automotive Technology Mgt BS   Compliance Partial Compliance X Non-Compliance
Program: Computer Engineering Technology BS: Compliance Partial Compliance X Non-Compliance
Program: Electronics Technology BS   Compliance Partial Compliance X Non-Compliance
Program: Advanced Manufacturing Mgt BS   Compliance Partial Compliance X Non-Compliance
Program: Packaging BS: Compliance Partial Compliance X Non-Compliance
Program: Technology Management BS   Compliance Partial Compliance X Non-Compliance

Comments: No evidence presented to demonstrated compliance for any programs under review.

6.6.5 Student Enrollment: Enrollment shall be adequate in each program area to operate the program(s) efficiently and effectively. The level of available financial and facility resources shall be considered as a constraint on the maximum number of qualified students to be admitted to the program(s). Enrollment trends shall be tracked, and factors affecting enrollment patterns shall be identified and analyzed. Enrollment projections shall be made which relate closely to short and long-range goals, as well as financial and physical resource needs.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   **- 385 -**

20

6.6.6 Advisory and Counseling Services: Adequate and timely advising and counseling services shall be available to students.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.6.7 Ethical Practices: Ethical practices shall be fostered, including reasonable student refund policies and nondiscriminatory practices in admissions and student employment.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.7 Administration

6.7.1 Program Administration: Programs in Industrial Technology are expected to have an identifiable, qualified individual with direct responsibility for program coordination and curriculum development. This individual shall be a full-time employee of the institution.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.7.2 Administrative Leadership: Individuals assigned to administer Industrial Technology programs must demonstrate effective leadership and a high level of support for Industrial Technology.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 386 -

21

Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.7.3 Administrative Support: There must be appropriate support for Industrial Technology from the personnel holding leadership positions in the departments and colleges where Industrial Technology is administratively located.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.8 Facilities and Equipment

6.8.1 Adequacy of Facilities and Equipment: Physical facilities and equipment, which are suitable to serve the goals and objectives of the program(s), shall be available for each program and option. Where facilities and equipment appear to be minimal to support a quality program(s), comparisons with support levels for other professional programs at the institution will be made by the visiting team.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.8.2 Support for Facilities and Equipment: Facility and equipment needs shall be reflected in the long range goals and objectives for the program(s) and option(s), and sources of potential funding shall be identified.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: .   X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.8.3 Appropriateness of Equipment: Equipment shall be appropriate to reflect contemporary industry. Student use of equipment reflecting current technology practices shall be evident.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 387 -

22

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.9 Computer Systems

6.9.1 Availability of Computer Systems: Appropriate and current computer systems and software shall be available to both students and faculty. These systems must cover appropriate functions and applications in each program area. These systems may be on or off-site, as long as the systems are accessible to students and faculty.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.9.2 Utilization of Computer Systems: Evidence shall be available which indicates that students and faculty are making significant use of computer systems related to program curricula.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.10 Financial Resources

6.10.1 Financial Support: The budget for the Industrial Technology program(s) shall be adequate to support program objectives. When judging sufficiency, the visiting team shall make comparisons with the support levels given to other professional programs at the institution.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 388 -

23

6.10.2 External Financial Support: There shall be evidence of external support for the program(s) in Industrial Technology. However, this external support shall be treated as supplementary support, and is to be used to achieve and maintain a high level of program excellence. This external support shall not be used to displace funding support normally provided by the institution.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.11 Library and Information Resources

6.11.1 Library and Internet Resources: The administrative unit containing the Industrial Technology program(s) and/or the institutional library shall have access to technology resources, literature, and reference materials adequate to meet the curriculum and research needs of students and faculty.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.11.2 Utilization of Library and Internet Resources: Evidence shall be available which indicates that students and faculty are making adequate and appropriate use of library and reference resources.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.12 Support Personnel

Support Personnel: Personnel such as teaching assistants, student workers, office professionals, and laboratory technicians shall be adequate to support program objectives.

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 389 -

24

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.13 Placement Services

6.13.1 Placement Services: Appropriate services shall be available to assist with the placement of program graduates. Placement of graduates shall be tracked and the effectiveness of placement services shall be evaluated by the administrative unit containing the Industrial Technology program(s).

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.13.2 Cooperative Education/Internship: If cooperative education or internship is either a required or an elective part of the program, then appropriate services shall be provided to assist with the placement and supervision of students.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.14 Industrial Advisory Committee(s)

6.14.1 Program Advisory Committee(s): An industrial advisory committee shall assist in the validation of program content. If more than one program of study or program option is available, then appropriately qualified industrial representatives shall be added to the committee or more than one committee shall be maintained. Policies shall be presented to indicate the: (a) procedures used in selecting members, (b) length of appointment, (c) organization of the committee, (d) committee responsibilities, (e) frequency of meetings, and (f) methods of conducting business.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 390 -

25

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

Comments: Each program has its own unique industry advisory board. The primary duty is to provide program review. They also provide support for programs as requested. There is no Industry Advisory Committee for the College of Technology.

6.14.2 Advisory Committee Meetings: The industrial advisory committee(s) shall meet at least once each year, and minutes shall be kept of these meetings showing agenda items, actions taken, and recommendations made.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.15 Educational Innovation

Educational Innovation: There shall be evidence that program objectives are based upon long-range planning related to the industries being served. Program content must be current in both content and delivery of instruction.

All Program/Option Same: X Compliance Partial Compliance Non-Compliance

Program: Automotive Technology Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: X Compliance Partial Compliance Non-Compliance
Program: Electronics Technology BS   X Compliance Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   X Compliance Partial Compliance Non-Compliance
Program: Packaging BS: X Compliance Partial Compliance Non-Compliance
Program: Technology Management BS   X Compliance Partial Compliance Non-Compliance

6.16 Assessment

Assessment Plan and Integration: An assessment plan shall be comprised of, but not limited to, the following for each program: (1) program mission statement, (2) program outcomes/student competencies, (3) evidence that the program incorporates these outcomes/student competencies, (4) assessment measures used to evaluate student mastery of the student competencies stated, (5) compilation of the results of the assessment measures, and (6) evidence that these results are used to improve the program.

All Program/Option Same: Compliance X Partial Compliance Non-Compliance

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 391 -

26

Program: Automotive Technology Mgt BS   Compliance X Partial Compliance Non-Compliance
Program: Computer Engineering Technology BS: Compliance X Partial Compliance Non-Compliance
Program: Electronics Technology BS   Compliance X Partial Compliance Non-Compliance
Program: Advanced Manufacturing Mgt BS   Compliance X Partial Compliance Non-Compliance
Program: Packaging BS: Compliance X Partial Compliance Non-Compliance
Program: Technology Management BS   Compliance X Partial Compliance Non-Compliance

Comments: Programs provided documentation for (1) – (4). There was no evidence of (5) compilation of results or (6) evidence that these results are being used to improve the programs.

Automotive Technology: Provided documentation for (1) – (4). There was no evidence of (5) compilation of results or (6) evidence that these results are being used to improve the programs.

Computer Engineering Technology: Provided documentation for (1) – (4). There was no evidence of (5) compilation of results or (6) evidence that these results are being used to improve the programs.

Electronics Technology: Provided documentation for (1) – (4). There was no evidence of (5) compilation of results or (6) evidence that these results are being used to improve the programs.

Advanced Manufacuring: No evidence demonstrating compliance with Criterion #6.

Packaging: Some parts are not completely implemented per the self-study. Several reviews are not related to student learning outcome assessment but program assessment.

Technology Management: Some parts are not completely implemented per the self-study. Several reviews are not related to student learning outcome assessment but program assessment.

IV. Summaries and Recommendations

A. Summaries:

1. Place a "C" in the appropriate space if the Program/Option meets all the criteria of the standard.
2. Place a "P" in the appropriate space if the Program/Option meets most of the stated criteria for the standard, but has weaknesses or deficiencies that need to be corrected.
3. Place an "N" in the appropriate space if the Program/Option fails to substantially meet the criteria of the standard.

Note: Duplicate this table if there are more than six (6) Program/Options.

Standards	Program/Option Automotive Technology Management	Program/Option Computer Engineering Tech	Program/Option Electronics Technology	Program/Option Advanced Manufacturing Management	Program/Option Packaging	Program/Option Technology Management
6.1	P	P	P	P	P	P
6.2.1	C	C	C	C	C	C
6.2.2	C	C	C	C	C	C
6.2.3	C	C	C	C	C	C

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 392 -

27

6.2.4	P	N	N	P	C	C
6.3.1	C	C	C	C	C	C
6.3.2	C	C	C	C	C	C
6.3.3	C	C	C	C	C	C
6.3.4	C	C	C	C	C	C
6.3.5	C	P	P	P	P	P
6.3.6	C	C	C	P	P	P
6.3.7	C	C	C	C	C	C
6.3.8	C	C	C	C	C	C
6.3.9	C	C	C	C	C	C
6.3.10	C	C	C	C	C	C
6.3.11	C	C	C	C	C	C
6.3.12	P	P	P	P	P	P
6.3.13	C	C	C	P	P	P
6.3.14	C	C	C	C	C	C
6.3.15	C	C	C	C	C	C
6.3.16	C	C	C	C	C	C
6.3.17	C	C	C	C	C	C
6.4.1	C	C	C	C	C	C
6.4.2	C	C	C	C	C	C
6.4.3	C	C	C	C	C	C
6.4.4	C	C	C	C	C	C
6.4.5	C	C	C	C	C	C
6.4.6	C	C	C	C	C	C
---------------	---------------	---------------	---------------	---------------	---------------	---------------

Standards	Program/Option Automotive Technology Management	Program/Option Computer Engineering Tech	Program/Option Electronics Technology	Program/Option Advanced Manufacturing Management	Program/Option Packaging	Program/Option Technology Management
6.5.1	C	C	C	C	C	C
6.5.2	C	C	C	C	C	C
6.5.3						
6.5.4	C	C	C	C	C	C
6.5.5	C	C	C	C	C	C
6.5.6	C	C	C	C	C	C
6.6.1	C	C	C	C	C	C
6.6.2	C	C	C	C	C	C
6.6.3	N	N	N	N	N	N
6.6.4	N	N	N	N	N	N
6.6.5	C	C	C	C	C	C
6.6.6	C	C	C	C	C	C
6.6.7	C	C	C	C	C	C
6.7.1	C	C	C	C	C	C
6.7.2	C	C	C	C	C	C
6.7.3	C	C	C	C	C	C

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc   - 393 -

28

6.8.1	C	C	C	C	C	C
6.8.2	C	C	C	C	C	C
6.8.3	C	C	C	C	C	C
6.9.1	C	C	C	C	C	C
6.9.2	C	C	C	C	C	C
6.10.1	C	C	C	C	C	C
6.10.2	C	C	C	C	C	C
6.11.1	C	C	C	C	C	C
6.11.2	C	C	C	C	C	C
6.12	C	C	C	C	C	C
6.13.1	C	C	C	C	C	C
6.13.2	C	C	C	C	C	C
6.14.1	C	C	C	C	C	C
6.14.2	C	C	C	C	C	C
6.15	C	C	C	C	C	C
6.16	P	P	P	P	P	P

B. Visiting Team Recommendation (the recommendation should include accreditation level and conditions)

Program/Options (Please List)	Accreditation	Accreditation Report in 2 Years	Accreditation On-Site Visit in 2 Years	Non Accreditation
BS Automotive Technology Management		X		
BS Computer Engineering Technology		X		
BS Electronics Technology		X		
BS Advanced Manufacturing Management		X		
BS Packaging		X		
BS Technology Management		X		

G:\UCI\ATMAE\Accreditation\Visiting Teams\Visits\2010 Visits\Indiana State University\Final 2009 BaccTeam Report ISU.doc

29