

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

Preparation Date **17-Oct-18** Curriculum Bulletin _____
 Effective Date **Fall 2019** Approved by EPC _____

Department **EIRT**
 College **RE - Regional College**
 Degree **AAS - Associate of Applied Science**
 Program Name **Engineering of Information Technology** Program Banner Code **RE- AAS-EIRT**
 Concentration(s) _____ Concentration(s) Banner Code(s) _____
 Proposal **Inactivate program**

Description of proposal:

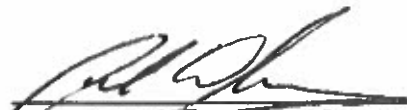

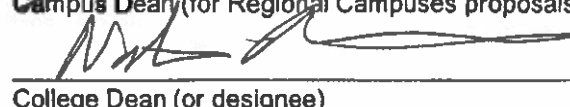
As part of clearing the inactive programs and since no students are enrolled in this program for few years now, also this program overlaps with the separate Information Technology degree, this program needs to be inactivated.

Does proposed revision change program's total credit hours? Yes No
 Current total credit hours: _____ Proposed total credit hours _____

Describe impact on other programs, policies or procedures (e.g., duplication issues; enrollment and staffing considerations; need; audience; prerequisites; teacher education licensure):
none

Units consulted (other departments, programs or campuses affected by this proposal):
Tuscarawas Campus

REQUIRED ENDORSEMENTS

 Department Chair / School Director	<u>03, 07, 2019</u>
 Campus Dean (for Regional Campuses proposals)	<u>03 12 2019</u>
 College Dean (or designee)	<u>3 12 19</u>
_____ Dean of Graduate Studies (for graduate proposals)	<u> / / </u>
_____ Senior Vice President for Academic Affairs and Provost (or designee)	<u> / / </u>

Proposal Summary [Inactivate the EIRT Program]

Description of Action, Including Intended Effect

Inactivate RE-AAS-EIRT. As part of clearing the inactive programs and since no students are enrolled in this program for few years now, and also this program overlaps with the separate Information Technology degree, this program needs to be inactivated.

Impact on Other Programs, Course Offerings, Students, Faculty, Staff (e.g., duplication issues)

No impact on other programs.

Fiscal, Enrollment, Facilities and Staffing Considerations

None

Evidence of Need and Sustainability if Establishing

Provisions for Phase-Out if Inactivating

None required.

Timetable and Actions Required: *a chronology of actions required to approve the proposal with an anticipated implementation date for each action*

FC March 2019
Regional College CCC March 2019
EPC March 2019



**Department of
Higher Education**

Mike DeWine, Governor
Randy Gardner, Chancellor

PROGRAM INACTIVATION FORM

Date of submission: 4 April 2019

Name of institution: Kent State University

Title of program to be inactivated: Engineering of Information Technology major,
Associate of Applied Science degree

Date that the inactivation received final approval from the appropriate institutional committee: [Board of Trustees approval anticipated in June 2019]

Primary institutional contact for the notification:

Name: Therese E. Tillett
Title: Associate Vice President, Curriculum Planning and Administration
Phone: 330-672-8558
E-mail: ttillet1@kent.edu

Educator Preparation Programs:

Leads to licensure: Yes No
Leads to endorsement: Yes No

1. Provide the rationale for the inactivation of the program:

Kent State University established the A.A.S. degree in Engineering of Information Technology in 2001, offered on the Tuscarawas Campus. The objective of the program was to teach information systems topics from an engineering and technology viewpoint, and prepare students for positions that required designing and troubleshooting systems in information acquisition, storage, processing, conversion, transmission and display.

Projected enrollment expectations at the time of establishment was 50 students each academic year. However, the program never became viable, with only 32 students, total, enrolled in the major, and no more than five students, total, graduating. The last graduate was in spring 2008, 11 years ago.

Students seeking an associate degree to enter the fields of information technology and engineering technology are better served by declaring Kent State's associate degree program in information technology; electrical/electronic engineering technology; or computer design, animation and game design, all of which are offered on the Tuscarawas Campus.

2. Indicate number of students currently enrolled in the program:

The program has had no enrollment since fall 2017.

3. Describe how the inactivation will affect students currently in the program, and explain plans for notifying students and assisting them in the completion of their degrees:

This is not an issue since no students are enrolled. With approval of the inactivation, the major listing will be removed from admission applications, the University Catalog and Search Programs and Degrees website.

4. Will there be a loss of faculty or staff positions because of the inactivation of the program? If so, indicate when the faculty or staff members were or will be informed.

There will be no loss of faculty and staff positions with the inactivation of this degree program. All courses (EIRT) exclusive to the major have not been offered in more than 10 years and have been inactivated, the last several in 2016. Hence, there have been no faculty supporting the program for many years. The current curriculum (see attached) comprises courses required in other degree programs, and those courses will continue to be offered for those programs.

Engineering technology faculty approved the inactivation of the major in 2017 (see attached e-mail). The Tuscarawas Campus Faculty Council, the Regional College Curriculum Committee and the dean of the Regional College, which administers the program, approved the inactivation in March 2019.

5. Describe the plan for communicating the inactivation of the program, including changes to the college catalog and college website and communications with advisors, admissions officers and financial aid officers:

Once the inactivation is approved by the Kent State University Board of Trustees and the Ohio Department of Higher Education, all necessary changes will be made to all university websites and materials. Further written concurrent communications will be sent out to key staff in student advising, admission, registrar and financial aid.

6. Indicate the final date that the program will be operational:

The program will be inactivated for fall 2019 and will no longer be listed in any Kent State materials for prospective students.

Respectfully,

Todd A. Diacon, Ph.D.
Executive Vice President for Academic Affairs and Provost
Kent State University

TILLET, THERESE

From: FROEHLICH, LARRY
Sent: Monday, April 10, 2017 3:03 PM
To: Dykshoorn, Paul
Cc: TILLET, THERESE
Subject: Re: Inactivation of ERIT program?

Thank you, Paul. I'll let you know if we need any additional information, Larry

Sent from my tablet.

On April 10, 2017, at 3:00 PM, "Dykshoorn, Paul" <pdykshoo@kent.edu> wrote:

Larry

I met with the Eng Tech faculty today and they are agreed that ERIT should be inactivated as a major in the AAS.

Paul

From: FROEHLICH, LARRY
Sent: Friday, April 7, 2017 8:49 PM
To: Dykshoorn, Paul <pdykshoo@kent.edu>
Subject: Inactivation of ERIT program?

Paul,
Therese Tillett has asked if we are planning to inactivate the ERIT major in the AAS. It makes sense to me. Please discuss it with the Eng Tech faculty and let me know.
Thank you, Larry Froehlich

<http://provostdata.kent.edu/roadmapweb/2016/REAASEIRT.pdf>

From: TILLET, THERESE
Sent: Friday, April 07, 2017 5:08 PM
To: VanDomelen, Aimee <dvan@kent.edu>; FROEHLICH, LARRY <lfroehli@kent.edu>
Subject: RE: inactivation of MFET program

Larry, does the Regional College have any plans to inactivate the Engineering of Information Technology major? This program has had low to no enrollment for quite a while, and the last graduate was in 2008.

Therese E. Tillett | Executive Director of Curriculum Services | Office of the Provost
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Curriculum Services: www.kent.edu/provost/curriculum

ENGINEERING OF INFORMATION TECHNOLOGY - A.A.S.

Regional College

rcdean@kent.edu

www.kent.edu/regional-college

Description

The Associate of Applied Science degree in Engineering of Information Technology provides students with a core of engineering-related courses and a focus on digital/electronic systems, robotics, microsystems, fiber optics, network engineering and electronic communications. Skills obtained in this program prepare students for positions that require designing and troubleshooting information acquisition, storage, processing, conversion, transmission and display systems.

Computer support specialists provide help and advice to people and organizations using computer software or equipment. Some, called computer network support specialists, support information technology (IT) employees within their organization. Others, called computer user support specialists, assist non-IT users who are having computer problems.

The degree program articulates with Kent State's Bachelor of Science degree in Engineering Technology.

Fully Offered At:

- Tuscarawas Campus

Admission Requirements

The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

Kent State campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, and the Regional Academic Center in Twinsburg, have open enrollment admission for students who hold a high school diploma, GED or equivalent.

For more information on admissions, contact the Regional Campuses admissions offices.

Program Learning Outcomes

Graduates of this program will be able to:

1. Demonstrate entry-level engineering technology related skills in digital and electronics systems
2. Demonstrate comprehensive skills in robotics, micro-systems, fiber optics, network engineering and electronic communication
3. Apply knowledge of mathematics, science, and engineering to various areas of engineering of information technology
4. Design and conduct experiments and to critically analyze and interpret data

5. Use modern engineering tools and techniques to design and test systems in response to user requirement, particularly in the engineering of information technology field
6. Function in a multidisciplinary team
7. Understand professional engineering and ethical responsibilities
8. Demonstrate effective oral, graphic and written communication
9. Recognize the need for the ability to engage in lifelong learning
10. Commit to quality, timeliness and continuous improvement
11. Utilize computer software applications used in engineering of information technology such as computer-aided design (CAD), spreadsheets, word processing and basic programming

University Requirements

All students in an applied or technical associate degree program at Kent State University must complete the following university requirements for graduation.

NOTE: University requirements may be fulfilled in this program by specific course requirements, please see Program Requirements for details.

Code	Title	Credit Hours
	Destination Kent State: First Year Experience	1
	Course is not required for students with 25 transfer credits, excluding College Credit Plus, or age 21+ at time of admission.	
	Kent Core (see table below)	15
	Total Credit Hour Requirement	60
	Some associate degrees require students to complete more than 60 credit hours.	

Kent Core Requirements

Kent Core Composition (KCMP)	3
Kent Core Mathematics and Critical Reasoning (KMCR)	3
Kent Core Humanities and Fine Arts (KHUM/KFA)	3
Kent Core Social Sciences (KSS)	3
Kent Core Basic Sciences (KBS/KLAB)	3
Total Credit Hours:	15

Program Requirements

Major Requirements

[AAS-EIRT]

Code	Title	Credit Hours
Major Requirements (courses count in major GPA)		
EERT 12000	ELECTRIC CIRCUITS I	4
EERT 12001	ELECTRIC CIRCUITS II	3
EERT 22000	ELECTRICITY/ELECTRONICS WITH APPLICATIONS	3
EERT 22004	DIGITAL SYSTEMS	4
EERT 22018	PC/NETWORK ENGINEERING AND TROUBLESHOOTING	3
MAGC 22009	APPLIED ENGINEERING SOFTWARE	3
MERT 12000	ENGINEERING DRAWING	3
TECH 33223	ELECTRONIC COMMUNICATION	3
Additional Requirements (courses do not count in major GPA)		
COMM 15000	INTRODUCTION TO HUMAN COMMUNICATION (KADL)	3
EERT 21010	ENGINEERING AND PROFESSIONAL ETHICS	3
MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	3
MATH 11012	INTUITIVE CALCULUS (KMCR)	3
MATH 11022	TRIGONOMETRY (KMCR)	3
PHY 12201	TECHNICAL PHYSICS I (KBS) (KLAB)	3
PHY 12202	TECHNICAL PHYSICS II (KBS) (KLAB)	4
ENG 20002 or OTEC 26638	INTRODUCTION TO TECHNICAL WRITING BUSINESS COMMUNICATIONS	3
UC 10097	DESTINATION KENT STATE: FIRST YEAR EXPERIENCE	1
Kent Core Composition		3
Kent Core Social Sciences		3
Kent Core Humanities or Fine Arts		3
General Electives (total credit hours depends on earning minimum 63 credit hours)		2
Minimum Total Credit Hours:		63

Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
2.000	2.000

Roadmap

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

Course	Title	Credits
Semester One		
! EERT 12000	ELECTRIC CIRCUITS I	4
MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	3
MERT 12000	ENGINEERING DRAWING	3
UC 10097	DESTINATION KENT STATE: FIRST YEAR EXPERIENCE	1
Kent Core Requirement		3
Credit Hours		14
Semester Two		
! EERT 12001	ELECTRIC CIRCUITS II	3
! EERT 22000	ELECTRICITY/ELECTRONICS WITH APPLICATIONS	3
MAGC 22009	APPLIED ENGINEERING SOFTWARE	3
MATH 11012	INTUITIVE CALCULUS (KMCR)	3
MATH 11022	TRIGONOMETRY (KMCR)	3
Credit Hours		15
Semester Three		
COMM 15000	INTRODUCTION TO HUMAN COMMUNICATION (KADL)	3
! EERT 22018	PC/NETWORK ENGINEERING AND TROUBLESHOOTING	3
PHY 12201	TECHNICAL PHYSICS I (KBS) (KLAB)	3
! TECH 33223	ELECTRONIC COMMUNICATION	3
Kent Core Requirement		3
General Electives		2
Credit Hours		17
Semester Four		
EERT 21010	ENGINEERING AND PROFESSIONAL ETHICS	3
! EERT 22004	DIGITAL SYSTEMS	4
ENG 20002 or OTEC 26638	INTRODUCTION TO TECHNICAL WRITING or BUSINESS COMMUNICATIONS	3
PHY 12202	TECHNICAL PHYSICS II (KBS) (KLAB)	4
Kent Core Requirement		3
Credit Hours		17
Minimum Total Credit Hours:		63