ADMISSION STOP-OUT OR TERMINATION
OF PROGRAM CODE

CLEAR FORM

Form #CR-AP5
Modified March 2019

Date: **3/8/2022**

REQUESTOR CONTACT INFORMATION

Name	Debie Amby	Campus	Maui College, UH
Title	Banner/Curriculum Support	Email	debie@hawaii.edu
Office/Dept	Dean's Office	Phone	808-984-3378

PROGRAM CODE FOR ☐ ADMISSION STOP-OUT ONLY OR ☑ TERMINATION (PLEASE CHECK ONE)

Program Code	BAS-ENGT	Program Description	Engineering Tech
Institution	MAU - Univ of Hawaii Maui College	Campus	MAU - Univ of Hawaii Maui College
College	Instructional	Department	ENGT
Level	UG - Undergraduate		

Are current students "grandfathered" under the program code? ☐ Yes ☒ No

Should the old program code be available for use in Banner? ☐ Yes ☒ No

Effective **Fall 2022**, this program code will no longer be available to admit or recruit students.
Term (ie. Fall 2014)

This will turn off the online application, recruitment (effects Banner forms SRASUMI and SRAQUIK) and admissions (effects Banner forms SAADCRV, SAAADMS, SAASUMI, SAAQUIK, and SAAQUAN) Banner modules.

Effective **Fall 2022**, this program code will no longer be available to enroll or award degree to students.
Term (ie. Fall 2014)

This will turn off the general student (effects Banner form SGASTDN) and academic history (effects Banner form SHADEGR) Banner modules.

FOR ADMISSION STOP-OUT ONLY REQUEST

Effective [   ], this program code will be reactivated and available to admit or recruit students.
Term (ie. Fall 2014)

This will turn on the online application, recruitment (effects Banner forms SRASUMI and SRAQUIK) and admissions (effects Banner forms SAADCRV, SAAADMS, SAASUMI, SAAQUIK, and SAAQUAN) Banner modules.

Check here to leave ONLINE APPLICATION OFF ☐

ADDITIONAL COMMENTS

IRAO USE ONLY: DATE RECEIVED

ATTACHMENTS

Termination of an Associate, Bachelor and Graduate Degrees, and sole credential certificates.

☒ Memo with President's Approval, with cc to Vice President for Academic Planning and Policy, regarding program action.

Admission stop-outs, termination of a Certificate (eg. Certificate of Achievements, Certificates of Competence, Subject Certificates, Academic Subject Certificates) & Associate in Technical Studies (ATS) Degree.

☐ Memo from Chancellor to Vice President for Academic Planning and Policy regarding program action.

VERIFICATIONS

By signing below, I verify that I have reviewed and confirm the above information that is pertinent to my position.
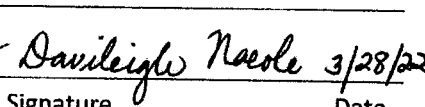
Registrar (Print Name)	Financial Aid Officer (Print Name)	For Community Colleges, verification of consultation with OVPCC Academic Affairs:
Flora Mora	Davileigh Naeole	~~Tammi Oyadomari-Chun~~ Della Teraoka
signature 3/28/22	*Davileigh Naeole* 3/28/22	*Della Teraoka* 8/8/2022
Signature Date	Signature Date	Signature Date

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[1] "Admission stop-out" is defined as a halt to new admissions to a program. (Regent Policy 5.201)

Form modified: June 2017

UNIVERSITY *of* **HAWAI'I**

MAUI COLLEGE

September 27, 2021

MEMORANDUM

TO: David Lassner
           President

VIA: David Lassner
           Acting Vice President for Academic Strategy

VIA: Erika Lacro
           Vice President for Community Colleges

FROM: Lui Hokoana
           Chancellor

SUBJECT: TERMINATION OF UNIVERSITY OF HAWAI'I MAUI COLLEGE BACHELOR OF APPLIED SCIENCE IN ENGINEERING TECHNOLOGY PROGRAM

SPECIFIC ACTION REQUESTED:

It is requested that the University of Hawai'i Maui College Bachelor of Applied Science in Engineering Technology (BAS ENGT) program be terminated, effective Fall 2021.

RECOMMENDED EFFECTIVE DATE:

Fall 2021

ADDITIONAL COST:

None

PURPOSE:

Facilitate effective and efficient management of campus offerings.

BACKGROUND:

Regents Policy RP 5.201, pertaining to instructional programs, states, in Section IV, that provisional and established programs deemed out-of-date or nonproductive based on a program review or other internal assessments may be terminated by the President. The BAS ENGT program has been on the small program list since its inception. Termination of the program was recommended as a result of a program review and a campus review. As discussed below, termination was recommended due to the low number of enrolled students, the low number of graduates, and projected county employment outlook.

- Low number of enrolled students:

Year	Number of Students	Year	Number of Students
2020	9	2015	13
2019	12	2014	13
2018	13	2013	17
2017	12	2012	17
2016	13		

- Low number of graduates:

Year	Number of Graduates	Year	Number of Graduates
2020	4	2015	2
2019	4	2014	4
2018	3	2013	4
2017	1	2012	3
2016	4		

- Projected county employment outlook: Program graduates are employed at a rate of 90%; however, this number is small, one to four in a year. The BAS ENGT degree is highly specialized as a niche engineering technology degree with 43%, or 13 of 31, of our graduates employed by three Maui companies. Other graduates are employed by other technology companies, hotels or construction companies in a variety of niche engineering capacities. This makes it difficult to determine employment demand health. In 2020, our Annual Review of Program Data (ARPD) listed the demand indicator for new and replacement positions in the state as cautionary, with insufficient data at the county level.

The last cohort of BAS ENGT students graduated in the Spring 2021 semester. Because the program accepts students only every other year, no continuing students will be impacted by this termination.
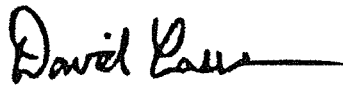
The two full time BAS ENGT faculty members will be transitioned into our Associate in Science Electronics & Computer Engineering Technology program starting in Fall 2021. A recent retirement has made this transition efficient and timely.

ACTION RECOMMENDED:

It is recommended that the BAS ENGT program be terminated, effective Fall 2021.

APPROVED / ~~DISAPPROVED~~:

David Lassner (signature)

Digitally signed by David Lassner
Date: 2021.09.29 15:40:20 -10'00'

_____
David Lassner, President

_____
Date

c: Kahele Dukelow, Dean of Arts and Sciences
  Laura Nagle, Dean of Career and Technical Education

BAS-ENGT
ENGINEERING TECHNOLOGY
Approved | Fall 2022

Proposal Information

Status	Workflow Status

Status
Changes

~~Active~~Retired
Warning: All versions that start after the retired version will be deleted.

Workflow Status

Proposer
✔ **Elisabeth Dubuit (Submitter)**
  Submitted 11-18-2021

DEPARTMENT (STEM) \\ Curriculum Department Representative
✔ **Elisabeth Dubuit**
  Approved 11-18-2021

DEPARTMENT (STEM) \\ Department Chair
✔ **Sean Calder**
  Approved 12-3-2021

(CURRICULUM COMMITTEE CHAIRS) \\ CHAIRS
✔ **Timothy Marmack**
  Approved 2-14-2022
✔ **Lorelle A S Peros**
  Approved 1-28-2022

(ACADEMIC SENATE) \\ SENATE CHAIR
✔ **Rosemary Vierra**
  Approved 2-14-2022

(ADMINISTRATION) \\ VCAA
✔ **Kaheleonolani Dukelow**
  Approved 3-28-2022
✔ **Laura Nagle**
  Approved 3-17-2022

(ADMINISTRATION) \\ CHANCELLOR
✔ **Lui Hokoana**
  Approved 3-28-2022

Code
BAS-ENGT

Title
ENGINEERING TECHNOLOGY

Proposal Details

Type of Proposal
Retire

Proposer Name(s)
Elisabeth Dubuit

Internal Proposal Date
11/9/21

Proposal Summary
Termination of the BAS ENGT upon decision of UHMC administration.

Course(s)
13 courses to retire as well:
ETRO305, 310, 315, 320, 340, 350, 360, 450, 455, 460, 470, 496, and 497.

Proposal Rationale/Justification
The Bachelor of Applied Science (BAS): Engineering Technology (ENGT) program has been identified for closure, effective Fall 2021. This decision was based on multiple factors including enrollment, graduation, cost and workforce potential.

Proposal Supporting Documents

Other Departments Involved
No.

Have other departments been consulted?

Proposal Impact(s) - Articulation

Proposal Impact(s) - Requirements

Proposal Impact(s) - Resources

Department Vote
Unanimously approved by STEM department on 11/12/21

Proposer Notes

General Information

Program Title

Engineering Technology

Program Level Type

Bachelor

Degree Type

Bachelor of Science

Catalog Description

Bachelor of Applied Science: Engineering Technology

The Bachelor of Applied Science BAS de- gree in Engineering Technology (ENGT) provides curriculum in electronics, computers, optics, remote sensing, and other technologies used in industry on Maui, throughout the State of Hawai'i, and worldwide.

College

Division

Department

STEM

Learning Outcomes

Outcomes

ENGT PLO 1. Analyze, design, and implement electro-optic systems, control systems, instrumentation systems, communication systems, computer systems, or power systems

Linked Institution Outcomes
-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 2. Apply project management techniques to electrical/electronic(s) and computer systems

Linked Institution Outcomes
-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 3. Utilize integral and differential calculus, or other appropriate mathematics above the level of algebra and trigonometry to solve technical problems

Linked Institution Outcomes

-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 4. Demonstrate critical engineering technology skills and experiences such as: making existing technology operate, creating/selecting new technology, troubleshooting, calibrating, characterizing, and optimizing

Linked Institution Outcomes
-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 5. Demonstrate engineer's way of thinking, analyzing technology as systems

Linked Institution Outcomes

-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 6. Demonstrate engineer professional skills such as communication and managing projects

Linked Institution Outcomes
-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 7. Demonstrate proficiency in the general education college core requirements: creativity, critical thinking, oral and written communication, information retrieval, quantitative reasoning

Linked Institution Outcomes
-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 8. Demonstrate a recognition of the need for, and an ability to engage in lifelong learning

Linked Institution Outcomes

-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 9. Demonstrate an ability to understand professional, ethical and social responsibilities

Linked Institution Outcomes
-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 10. Demonstrate a respect for diversity and a knowledge of contemporary professional, societal and global issues

Linked Institution Outcomes

-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

ENGT PLO 11. Commit to quality, timeliness, and continuous improvement

Linked Institution Outcomes

-- No options selected --

LINKED COURSE OUTCOMES

--- None ---

Program Requirements

Entrance Requirements

Logic: A and (B or D or C)

    A   Admission Requirements
- Meet the UH Maui College admission requirements.
- And Approval of ENGT Committee.   **AND**

Group

    B   Transfer and Other Non-New Students
- Completion of 40 or more transferable semester credits from an accredited institution with a cumulative GPA of 2.5 or higher in all courses **OR** attempted.

    D   UHMC ECET graduates
- Completion of the UH Maui College BAS path for the Electronic Engineering Technology (ECET) AS degree with a cumulative GPA of 2.5 or **OR** higher in all courses attempted

    C   Other degree graduates
- Completion of an Associate in Arts (AA), Associate in Applied Science (AAS), or Associate in Science (AS) from an accredited institution with a cumulative GPA of 2.5 or higher in all courses attempted, and completion (or approved equivalent for) coursework of the BAS path for the Electronic Engineering Technology (ECET) AS degree from an accredited institution.

Satisfactory Progress Requirements

Error: Invalid: Missing Operands

Completion Requirements

Logic: A and B and C and D and E and F and G and H and I and J and K and L

    A   ENGT Core Requirements: 45 credits
- # Of Credits From these courses: 45
    - ETRO 305 - Engineering Computing
    - ETRO 310 - Applied Robotics
    - ETRO 315 - Project Management
    - ETRO 320 - Intermediate Optics
    - ETRO 340 - System Integration
    - ETRO 350 - Power Systems
    - ETRO 360 - Signals & Systems   **AND**
    - ETRO 450 - Signal Processing
    - ETRO 460 - Control Systems
    - ETRO 497 - Capstone Project I
    - ETRO 498 - Capstone Project II
    - ETRO 455 - Remote Sensing
    - ETRO 470 - Intro to Communication Systems

    B   Math Requirement: 4 credits
- # Of Credits From these courses: 4   **AND**
    - MATH 241 - Calculus I

    C   English Requirement: 3 credits
- # Of Credits From these courses: 3   **AND**
    - ENG 316 - Adv Research Writing

    D   Communications Requirement: 3 credits
- # Of Credits From these courses: 3   **AND**
    - COM 459 - Intercultural Comun II

    E   Humanities Requirement: 3 credits
- # Of Credits From these courses: 3   **AND**
    - HUM 400 - Changes & Choices

F   Social Science Requirement: 3 credits
- # Of Credits From these courses: 3
    - PHIL 301 - Ethical Theory   **AND**
    - PHIL 323 - Professional Ethics

G   Natural Science Requirement: 3 credits
- # Of Credits From these courses: 3
    - PHYS 219 - Physics for Engineer Tech   **AND**
    - PHYS 219L - Physics for Engineering Technology Laboratory

H   Junior Year (Fall): 18 credits
- # Of Credits From these courses: 18
    - ETRO 305 - Engineering Computing
    - ETRO 310 - Applied Robotics
    - ETRO 340 - System Integration   **AND**
    - ENG 316 - Adv Research Writing
    - MATH 241 - Calculus I

I   Junior Year (Spring): 17 credits
- # Of Credits From these courses: 13
    - ETRO 315 - Project Management
    - ETRO 350 - Power Systems
    - ETRO 360 - Signals & Systems
    - PHYS 219 - Physics for Engineer Tech   **AND**
    - PHYS 219L - Physics for Engineering Technology Laboratory
- And # Of Credits From these courses: 3
    - PHIL 301 - Ethical Theory
    - PHIL 323 - Professional Ethics

J   Senior Year (Fall): 14 credits
- # Of Credits From these courses: 14
    - ETRO 320 - Intermediate Optics
    - ETRO 450 - Signal Processing   **AND**
    - ETRO 497 - Capstone Project I
    - HUM 400 - Changes & Choices

K   Senior Year (Spring): 16 credits
- # Of Credits From these courses: 16
    - ETRO 460 - Control Systems
    - COM 459 - Intercultural Comun II
    - ETRO 455 - Remote Sensing   **AND**
    - ETRO 470 - Intro to Communication Systems
    - ETRO 498 - Capstone Project II

L   Graduation Requirements
- BAS path to ENGT in the ECET program: 60-61 credits (Completion of the BAS path of AS requirements in the ECET program (or approved equivalent coursework from an accredited institution).
- And Engineering Technology Upper Division Coursework: 39 credits (ETRO 305, 310, 315, 320, 340, 350, 360, 450, 455, 460, and 470)
- And Engineering Technology General Education: 19 credits (PHYS 219, MATH 241, PHIL 301 or 323, ENG 316, HUM 400, and COM 459)
- And Capstone Course: 6 credits (ETRO 497 and 498 are to be taken the last two semesters with approval of the ENGT Committee.)
- And Minimum of 124 qualifying credit hours (ENGT majors are required to earn a letter grade (e.g., A,B,C, etc.) in all courses required for the ENGT program.)
- And Grade Point Average: At least a 2.0 UH Maui College cumulative GPA, as well as a 2.5 GPA in courses required for the ENGT major. Grade C or better is required in all upper division ENGT courses.
- And Graduation Requirement: To be awarded the BAS ENGT degree, students must complete an Application for Graduation form obtained from Student Services. See Academic Calendar for deadline.
- And Residency Requirement: A minimum of 30 credit hours must be taken at UH Maui College and a minimum of 8 upper division courses (24 credits) in Engineering Technology including the ENGT Capstone course.

Attachments

- BASENGT_program change_Kuali.pdf