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### NEW PROGRAM PROPOSAL FOR ROUTINE REVIEW

Sponsoring Institution: St. Louis Community College

Engineering Technology  
Program Title: \_\_\_\_\_

Degree/Certificate: AAS- Assoc. of Applied Science  If other, please list: \_\_\_\_\_

Options: \_\_\_\_\_

Delivery Site(s): St. Louis Community College

15.0000  
CIP Classification: \_\_\_\_\_

*\*CIP Code can be cross-referenced with programs offered in your region on [MDHE's program inventory](#).  
[Click here for link to NCES CIP site.](#)*

Implementation Date 08/2020 *please use MM/YY date format.*

Is this a new off-site location? No  Yes

If yes, is the new off-site location within your institution's current CBHE-approved service region? Yes

*\*If no, public institutions should consult the comprehensive review process.*

Is this a collaborative program? Yes  No  *If yes, please complete the collaborative programs form on page 6.*

#### CERTIFICATIONS:

- The program is within the institution's CBHE approved mission. *(public institutions only)*
- The program will be offered within the institution's CBHE approved service region. *(public institutions only)*
- The program builds upon existing programs and faculty expertise.
- The program does not unnecessarily duplicate an existing program in the geographically applicable area.
- The program can be launched with minimal expense and falls within the institution's current operating budget. *(public institutions only)*

#### AUTHORIZATION:

Joyce Johnson on behalf of Andrew Langrehr J. Johnson 03/16/2020  
Name/Title of Institutional Officer Signature Date

## PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Although the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below.

Qualifications of performance goals should be included wherever possible.

*If you need more than one line of text to answer questions 1–5, please attach a Word .doc.*

### 1. Student Preparation

- Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.

Open admissions institution

- Characteristics of a specific population to be served, if applicable.

Open enrollment

### 2. Faculty Characteristics

- Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.

Associates in Engineering Tech, or 5 years experience in engineering field related to course topic

- Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term “full time faculty” (and not FTE) in your descriptions here.

75% Full time, 25% part time

- Expectations for professional activities, special student contact, teaching/learning innovation.

Full time faculty are expected to teach 15 credit hours per semester; no more than 6 credit hours of release time for admin

### 3. Enrollment Projections

- Student FTE majoring in program by the end of five years.

30

- Percent of full time and part time enrollment by the end of five years.

66% part time, 33% full time

**STUDENT ENROLLMENT PROJECTIONS**

YEAR	1	2	3	4	5
<b>FULL TIME</b>	10	12	14	16	18
<b>PART TIME</b>	20	24	28	32	40
<b>TOTAL</b>	30	36	42	48	58

**4. Student and Program Outcomes**

- Number of graduates per annum at three and five years after implementation.

12-15

- Special skills specific to the program.

The Engineering Technology Associate in Applied Science program prepares students for entry level positions as engineering technologists

- Proportion of students who will achieve licensing, certification, or registration.

0%

- Performance on national and/or local assessments, e.g. percent of students scoring above the 50<sup>th</sup> percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.

no standardized assessments planned

- Placement rates in related fields, in other fields, unemployed.

80%

- Transfer rates, continuous study.

10%

**5. Program Accreditation**

- Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide a rationale

no discipline-specific accreditation is available for this program.



E. Free elective credits: all electives must follow guidelines listed above; not "free" electives  
(sum of C, D, and E should equal A)

F. Requirements for thesis, internship or other capstone experience: none

G. Any unique features such as interdepartmental cooperation: no

**7. Need/Demand**

Student demand

Market demand

Societal need

I hereby certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful.

*On July 1, 2011, the Coordinating Board for Higher Education began provisionally approving all new programs with a subsequent review and consideration for full approval after five years.*

## COLLABORATIVE PROGRAMS

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**Sponsoring Institution One:** \_\_\_\_\_

**Sponsoring Institution Two:** \_\_\_\_\_

**Other Collaborative Institutions:** \_\_\_\_\_

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**Length of Agreement:** \_\_\_\_\_

*If you need more than two lines of text to answer questions 1–5, please attach a word .doc.*

1. Which institution (s) will have degree-granting authority?

2. Which institution (s) will have the authority for faculty hiring, course assignment, evaluation and reappointment decisions?

3. What agreements exist to ensure that faculty from all participating institutions will be involved in decisions about the curriculum, admissions standards, exit requirements?

4. Which institution(s) will be responsible for academic and student-support services, e.g., registration, advising, library, academic assistance, financial aid, etc.?

5. What agreements exist to ensure that the academic calendars of the participating institutions have been aligned as needed?