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NEW PROGRAM PROPOSAL FOR ROUTINE REVIEW

Sponsoring Institution: Ranken Technical College

Program Title: Agricultural Engineering Technology

Degree/Certificate: AT-Associate of Technology **If other, please list:** _____

Options: AS - Associate of Science

Delivery Site(s): Ranken-West, Lincoln County Workforce Development Center, 651 John Deere Dr, Troy, MO 63379

CIP Classification: 01.0201

**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 08/22 *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:

Dan Kania, Vice President for Education		11/24/2002
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.

No special preparation will be required

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

No specific population will be served

2. Faculty Characteristics

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

Faculty will need training in aquaponics systems and unmanned aviation equipment.

- 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.

Full time faculty will be teaching 70% of the credit hours.

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

Faculty will be expected to maintain and assist with processing of products from aquaponics system.

3. Enrollment Projections

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

Ranken projects that there will be 40 students in the program in five years.

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

Ranken projects that 100% of the students will be enrolled full-time in the program.

STUDENT ENROLLMENT PROJECTIONS

YEAR	1	2	3	4	5
FULL TIME	20	30	40	40	40
PART TIME					
TOTAL	20	30	40	40	40

4. Student and Program Outcomes

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

Three years - 40; Five years - 150

- Special skills specific to the program.

Electrical/Mechanical Repair, Plant/Fish Production, Agribusiness, Technology for Farm Efficiency

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

NA

- Performance on national and/or local assessments, e.g. percent of students scoring above the 50th 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.

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

Ranken projects that 75% of the students will be placed in related field, while 25% will be in other fields.

- Transfer rates, continuous study.

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

Specialized accreditation is not required for this program. Students will not be obtaining licensure.

E. Free elective credits: 69
(sum of C, D, and E should equal A)

F. Requirements for thesis, internship or other capstone experience: NA

G. Any unique features such as interdepartmental cooperation: NA

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

Sponsoring Institution One: _____

Sponsoring Institution Two: _____

Other Collaborative Institutions: _____

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?