



DEPARTMENT OF  
HIGHER EDUCATION &  
WORKFORCE DEVELOPMENT

## New Program Report

**Date Submitted:**

04/19/2023

**Institution**

Ranken Technical College

**Site Information**

**Implementation Date:**

8/28/2023 12:00:00 AM

**Added Site(s):**

**Selected Site(s):**

Ranken Southeast, 1205 Corporation Lane, Perryville, MO, 63775

Ranken Technical College, 4431 Finney Avenue, St. Louis, MO, 63113

**CIP Information**

**CIP Code:**

470303

**CIP Description:**

A program that prepares individuals to apply technical knowledge and skills to repair and maintain industrial machinery and equipment such as cranes, pumps, engines and motors, pneumatic tools, conveyor systems, production machinery, marine deck machinery, and steam propulsion, refinery, and pipeline-distribution systems.

**CIP Program Title:**

Industrial Mechanics and Maintenance Technology

**Institution Program Title:**

Industrial Engineering Technology

**Degree Level/Type**

**Degree Level:**

Associate Degree

**Degree Type:**

Associate of Science

**Options Added:**

Collaborative Program:

N

**Mode of Delivery**

Current Mode of Delivery

Hybrid

**Student Preparation**

Special Admissions Procedure or Student Qualifications required:

See attachment



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## New Program Report

Specific Population Characteristics to be served:

n/a

Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:

See attachment

Estimate Percentage of Credit Hours that will be assigned to full time faculty:

See attachment

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

See attachment

Student Enrollment Projections Year One-Five

<b>Year 1</b>	<b>Full Time: 8</b>	<b>Part Time: 0</b>	
<b>Year 2</b>	<b>Full Time: 10</b>	<b>Part Time: 0</b>	
<b>Year 3</b>	<b>Full Time: 12</b>	<b>Part Time: 0</b>	<b>Number of Graduates: 8</b>
<b>Year 4</b>	<b>Full Time: 12</b>	<b>Part Time: 0</b>	
<b>Year 1</b>	<b>Full Time: 8</b>	<b>Part Time: 0</b>	
<b>Year 2</b>	<b>Full Time: 10</b>	<b>Part Time: 0</b>	
<b>Year 3</b>	<b>Full Time: 12</b>	<b>Part Time: 0</b>	<b>Number of Graduates: 8</b>
<b>Year 4</b>	<b>Full Time: 12</b>	<b>Part Time: 0</b>	
<b>Year 5</b>	<b>Full Time: 12</b>	<b>Part Time: 0</b>	<b>Number of Graduates: 12</b>

**Percentage Statement:**

n/a

Program Accreditation

Institutional Plans for Accreditation:

N/A

Program Structure

**Total Credits:**

90

**Residency Requirements:**

45 credit hours must be earned at Ranken Technical College.

**General Education Total Credits:**

27

**Major Requirements Total Credits:**

63



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## New Program Report

### Course(s) Added

COURSE NUMBER	CREDITS	COURSE TITLE
IET 2310	5	Maintenance Piping
IET 2300	5	Maintenance Welding
IET 2400	10	Facilities Maintenance (St. Louis option only)
IET 1205	3	Internship III (Perryville only)
IET 2110	5	Electronic Systems
IET 1115	3	Internship II (Perryville only)
IET 1201	6	Internship II (St. Louis only)
IET1215	3	Internship IV (Perryville only)
IET 2100	5	Electrical Systems
IET 2200	5	Electronic Controls
IET 1000	15	Mechanical and Power Fluid Systems
IET 2105	3	Internship V (Perryville only)
IET 2101	6	Internship III (St. Louis only)
IET 2115	3	Internship VI (Perryville only)
IET 2210	5	Electronic Process Control
IET 1101	6	Internship I (St. Louis only)
IET 1105	3	Internship I (Perryville only)

### Free Elective Credits:

0

### Internship or other Capstone Experience:

N/A

### Assurances

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

### Contact Information

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