| Date | Position # | Position Title | reports to: |
| --- | --- | --- | --- |
| 8/8/2024 | PIAVAF - NEW | PT Lab Instructor – Aviation Maintenance (Pilot) | FA9748 |

|  | | For HR Use Only | | |
| --- | --- | --- | --- | --- |
| Division | Department | Pay Table/Level/Grade | soc code | employment code |
| Technical Careers | Aviation Maintenance | Based on Lab Instructor Salary Schedule | 25-9000 | 6 - Part Time |

# Status: Please select the appropriate boxes that apply.

| **Regular/Continuing:** | **Bargaining Unit:**  MAHE | **Non-Bargaining:** | **Provisional/Grant Funded:** | **Temporary/Limited Duration:** |
| --- | --- | --- | --- | --- |

| **Individual Position:** | **Full-Time (40 hrs/wk):** | **Part-Time:**  \_28\_ Hrs/Week | **Pooled Position:** | Type here **# of Employees if this position is pooled.** |
| --- | --- | --- | --- | --- |

| **JOB SUMMARY:** This section should summarize the overall purpose (“mission”) of this job in 1-4 sentences. Briefly describe the primary reason the job exists at LCC. |
| --- |
| *Lansing Community College’s Technical Careers Division provides over 30 innovative program areas. Our collaborative and flexible team environment works with the local, regional, and national community for the success of every student. We believe in each other and find joy in our work, never stop learning or growing and we are guided by strong character, ethics, and integrity.* ***We make a difference****. Our dedication to diversity, inclusion, and universal access underscores our commitment to fostering an inclusive educational culture. If you seek an opportunity to work with a great team of faculty and staff committed to student success in a professionally driven environment, then consider the following opportunity.*  The Aviation Maintenance Lab Instructor will serve as a pilot to fly students and provide lab instruction in the flight setting starting on the ground, while in flight, and on return to the hanger. This instruction includes, but is not limited to:   * Weight and Balance Information * Pre-Flight Inspection * Pre-gauge takeoff checks * Cross Checks of instrumentation during take-off and flight * System functionality * Avionics Maintenance Operational Checks * Radio Operations * Characteristics of Aerodynamics * Post-Flight Inspection Requirements * Logbook Entries * Refueling Operations * Ground Handling Operations * Storage Requirements   The lab instructor is responsible for the preparation and delivery of course content in response to student needs. He/she must be able to effectively communicate and demonstrate specific technical skills in the lab, academy, or workshop setting to a diverse student population and have the ability to collaborate with students and peers in order to establish an environment where safety is not compromised. The lab instructor may be asked to complete special projects for the Aviation Maintenance Program and for other programs in the Technical Careers Division as assigned. This opportunity is for daytime, evening, and weekend work assignments. |

| **Direct Reports:** If this is a supervisory position (authority to hire, assign, discipline, approve timesheets), list position #s of those supervised). |
| --- |
| Type here |

| **Essential Duties and Responsibilities:** Identify and describe the essential duties and responsibilities, i.e., what actions are done and what are the expected results. Most jobs can be described using 5-10 statements. List in priority order, beginning with top priority/must get done, with approximate percent for each (e.g. 20% 1. Reconciles grant fund expenditures to balance monthly budget). “Other duties, as assigned,” are implicit in all position descriptions. |
| --- |

| **%** | **NO.** | **Essential Duties and Responsibilities** |
| --- | --- | --- |
| 45 | 1 | **TEACHING:** Functioning as the primary source of instruction in the lab but not as the faculty of record, provide introductory flight to Aviation Maintenance Students and provide instruction on ground, in-flight, and other Aviation Maintenance topics in the laboratory setting. |
| 45 | 2 | **PREPARATION:** Responsible for the preparation and delivery of course content in response to student needs. Assist in maintaining/updating course curricula and program documentation IAW FAA Part 147 regulatory requirements |
| 10 | 3 | **OTHER**: Complete special projects for the Aviation Maintenance Program as assigned |
|  | 4 | Type here |
|  | 5 | Type here |
|  | 6 | Type here |
|  | 7 | Type here |
|  | 8 | Type here |
|  | 9 | Type here |
|  | 10 | Type here |

| **Core Competencies:** Record the knowledge, skills and abilities necessary to perform the essential functions of this position. Provide descriptions of core competencies below (e.g. communication, customer service, decision-making, leadership, problem-solving, etc.). An incumbent or applicant must be able to demonstrate and results must be measurable. |
| --- |
| The lab instructor will be an advocate for lab safety and be very familiar with Personal Protective Equipment and safe industrial practices. He/she must be able to teach and evaluate students effectively in one-on-one, small group, and large group instructional settings. He/she will also perform other assigned activities under the supervision of a Program Director or Faculty. Ability to work effectively with a diverse population of students and colleagues. |

| **educational/experience requirements:** Identify the education and/or equivalent combination of education and experience, plus additional specific years of experience, certifications, licenses and/or special training required to perform the essential functions of this job. |
| --- |
| **Required**   * Fixed-wing pilot’s license with a minimum of 500 hours of flight time as a pilot in command. * High School Diploma or GED * Demonstrated teaching/instructional experience in an FAA Part 147 or higher education setting.   **Preferred**   * Two (2) years relevant industry experience * Federal Aviation Administration certified Airframe and Powerplant Mechanic license * Experience with the primary duty and responsibility of teaching students in instructional setting |

| **Physical and mental requirements:** Complete the physical and mental demands on the attached ADA Checklist that must be met to successfully perform the essential functions of this job. Mobility around the LCC campus is a normal part of the position’s functions. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. |
| --- |
| Go to the ADA Checklist |

| **work environment:** Complete the work environment characteristic on the attached ADA Checklist that must be met to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. |
| --- |
| Go to the ADA Checklist |

# SIGNATURES

**Supervisor’s Name:** Anthony Kruckeberg **Supervisor’s Signature:** \_\_\_Anthony Kruckeberg\_\_\_ **Date:** \_\_\_5/29/2024\_\_\_

**Dean/ELT’s Name:** Shon’ta Dwyer **Dean/ELT’s Signature:** \_\_Dean Signature

Shon'ta Dwyer\_\_\_\_\_ **Date:** \_\_\_5/29/2024\_\_

**HR Rep:** Sydney Glasscoe **HR Rep Signature:** \_\_Sydney Glasscoe\_\_\_\_\_\_ **Date:** \_\_8/8/2024\_\_\_

**ADA COMPLIANCE JOB DESCRIPTION CHECKLIST** (*The immediate supervisor is responsible for completion of this form. Fill in more information as need that apply to the essential job duties for the attached job description.)*

**Position #:** PIAVAF **Date:** **8/8/2024 Supervisor’s Position #:** FA9748

## **Materials Used:**

Computer keyboard, mouse, screen

Various software

Telephone, cell phone, mobile device

Paper and pencil/pen

Projector or other audiovisual equipment

Copier, scanner, fax

Carpentry equipment

Electrical equipment

Plumbing equipment

Other: Click or tap here to enter text.

## **Mental Functions:**

Comparing (compare/contrast data, people, other data)

Synthesizing (combine data, concepts, interpretations)

Computing (math calculations or carrying out formula operations)

Compiling (gathering, classifying, evaluating data, people, other data)

Copying (entering, posting, transcribing data)

Analyzing (examining, testing data, presenting alternatives)

## **Audio/Visual/Aural Functions:**

Talking (expressing ideas, thoughts, language, conveying details accurately and clearly)

Hearing (receive details through oral communication, make fine differences in sound with other sound interference)

Near acuity (at 20 inches or less when accuracy is essential)

Far acuity (more than 20 inches when day and night/dark conditions are essential)

Depth perception (3 dimensional vision, judge distances, space)

Color vision (distinguish colors)

Field of vision (up/down and right/left)

Flavors & odors (distinguish similarities, differences, intensities, qualities using tongue & nose)

## **Movement, Strength, Repetition Functions:**

Climbing

Kneeling

Reaching

Balancing

Crouching

Grasping

Stooping

Crawling

Picking/Typing/Keyboarding

Sedentary (exert up to 10 lbs of force to lift, carry, push, pull, move objects; sit most of time)

Light (exert up to 20 lbs of force to lift, carry, push, pull, move objects; walk/stand occasionally)

Medium (exert 21-50 lbs of force, walk/stand frequently)

Heavy (exert 51-100 lbs of force, walk/stand routinely)

Very Heavy (exert over 100 lbs of force, walk/stand routinely)

## **Environmental Conditions**

Weather (rain, snow, wind)

Extreme cold (inside, outside)

Extreme heat (inside, outside)

Confined/restricted spaces

Hazards (fumes, odors, dust, toxic chemicals, allergens, poor ventilation)

Vibrations

Extreme noises