



Mathematics Instructor – Futures Academy

REPORTS TO: Principal

FLSA Status: Exempt

Position Summary: The Mathematics Instructor at Futures Academy must be energetic, innovative and passionate about implementing creative teaching and learning techniques in a multi-level classroom that helps students prepare for careers, college-level coursework, the Accuplacer, and the GED. This is a year-round, full time position.

Futures Academy serves students ages 17 to 21, who have too few credits to receive a traditional high school diploma, but are interested in furthering their education and pursuing post-secondary opportunities. Through a partnership with Colorado Youth for a Change and Aurora Public Schools, Futures Academy provides students with the resources, guidance, and academic instructional that allows them to earn college credits (up to an associate's degree), technical certifications, a GED, or a combination of the three. Futures Academy combines a competency-based approach to teaching and learning with targeted case management to help students overcome barriers to academic and personal success in a safe and supportive learning community that respects and values the strengths and experience of each student.

Essential Functions

The primary duties of a classroom instructor include:

- Contributing to a curriculum and instruction team – consisting of the Instructors, Tutors, Principal, and Instructional Coordinator – that continuously develops and refines teaching and learning techniques
- Integrating elements of competency-based education into classroom practices, by:
 - Connecting lessons and activities to specific, measurable, student-friendly learning targets
 - Developing and utilizing student-friendly assessment tools that monitor attainment of learning targets, as well as enable productive dialogue with students about their academic progress
 - Establishing a student-centered classroom in which the instructor acts as facilitator, guide, or coach and
 - Developing flexible, individualized learning pathways that allow students to make progress regardless of where, how, or when they are in class
- Differentiating instruction and materials according to students' learning needs, interests, and goals
- Using standardized assessment tools such as TABE, Accuplacer, and GED Ready to evaluate students' entry points and academic growth throughout the program
- Access and utilize data and reports available in the CYC database to improve and support job functions.
- Collaborating with tutors about the best ways to leverage time and resources while striving to meet the unique needs and goals of all students

- Coordinating with the entire instructional team to maintain consistency in practices and classroom norms across content areas
- Working in conjunction with student advisors to address any barriers to student learning
- Making suggestions for the purchase of resources to support teaching and learning
- Integrating technology with learning goals
- Other duties as assigned by the Principal and Instructional Coordinator

The primary duties of the mathematics instructor include:

- Teaching skills and concepts related to Numeracy, Data Analysis, Algebra, and Geometry
- Designing and implementing lessons, activities, and projects that contextualize mathematics and provide real world applications specific to students' postsecondary and professional goals
- Providing students with opportunities to develop problem-solving, critical thinking, and abstract reasoning skills within mathematics contexts, regardless of their incoming abilities and experiences with math

Other Duties

The primary duties of a Future Academy staff member include:

- Integrating CYC's culture statements into daily practice: Passion for CYC's Mission, striving for professional growth and learning, inclusion, professionalism, and appropriate boundaries.
- Working as a team with other staff to help orient and retain students in the program
- Maintaining high expectations for all students regardless of their incoming abilities and experiences
- Participating on committees that develop, improve, and maintain school structures
- Participating in and seeking out professional development opportunities provided by Futures, CYC, or external organizations
- Attend and participate in staff meetings as required
- Run errands as needed using personal transportation
- Attend relevant community and school meeting
- Other duties as assigned by the Principal

Knowledge, Skills, and Abilities

- Computer skills in Microsoft Word and Excel
- Excellent written and oral communication and interpersonal skills
- Desire and ability to work within a team
- Desire and ability to work with diverse student populations, at-risk youth, and English language learners
- A willingness to engage in ongoing personal and professional reflection and growth
- Knowledge of alternative, charter, traditional schools, and GED programs operating within Denver/Metro community
- Appreciation of clear and appropriate boundaries with youth
- A passionate and committed belief that youth can rise above seemingly insurmountable obstacles and return to school, graduate, and enter into post-secondary education
- Dependable transportation and being insurable as a driver on the auto liability policy of Colorado Youth for a Change is preferred

- Commitment to supporting and being a part of CYC’s effort to continually strive toward inclusivity and growth and appreciation of the organization and each individual’s unique strengths and perspective, including a commitment to self-development identity work
- Dedication to engaging staff and students across social identities
- Bilingual in English/Spanish preferred

Minimum Qualifications

- Hold Colorado teaching license (or be currently eligible for one with the appropriate endorsement for this position or be otherwise “highly qualified” for the position as defined by the Colorado Department of Education)
- Demonstrated solid knowledge of subject matter including familiarity with Common Core standards
- Experience teaching math to secondary or postsecondary students, particularly in alternative settings

Additional Preferred Qualifications:

- Experience integrating technology competencies with math goals
- Knowledge of the community college and career tech systems
- Experience or knowledge of transitioning students from secondary to post-secondary
- Experience with Developmental math classes taught at the collegiate level
- Experience with implementing creative curriculum and instruction for at-risk populations

I have read, understand and am able to perform the essential functions of this position with or without accommodations.

Employee (Print Name)

Employee Signature

Date

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PHYSICAL REQUIREMENTS AND POTENTIAL HAZARDS

The following identifies the physical demands and potential hazards typically encountered by this position. The information is necessary in part to ensure compliance with the Americans with Disabilities Act and the OSHA Blood borne Pathogens Standards. These can reasonably be anticipated in the normal and customary performance of the essential functions of your work.

- NE:** Requirement is present, but is not essential to the position.
- O:** Occasional, up to 33 percent of the time and essential to the position.
- F:** Frequent, 34-66 percent of the time.
- C:** Continuous, over 66 percent of the time.

	NE	O	F	C
Sitting			X	
Walking	X			
Standing	X			
Bending or twisting	X			
Squatting or kneeling	X			
Reaching above shoulder level	X			
Driving cars, light duty trucks	X			
Repetitive motion of hands/fingers				X
Grasping with hand, gripping		X		
Lifting/carrying 10-25 pounds	X			
Lifting/carrying 26-50 pounds	X			
Pushing/Pulling	X			
Exposure to infection, germs or contagious diseases		X		

Seeing objects at a distance	X			
Seeing objects peripherally	X			
Seeing close work (e.g., typed print)				X
Distinguishing colors		X		
Hearing conversations or sounds				X
Hearing via radio or telephone				X
Communicating through speech			X	
Communicating by writing/reading			X	
Exposure to aggressive/angry people		X		
Other:				

Items checked above must be consistent with tasks listed.

<p>Are there any other physical or mental requirements of this position not addressed above?</p>

I have read and understand the physical requirements and potential hazards of this position and am able to perform the physical requirements as stated above with or without reasonable accommodation.

Employee Signature

Date