

**STATE FAIR COMMUNITY COLLEGE
ASSOCIATE OF APPLIED SCIENCE, PROFESSIONAL CERTIFICATE
BEHAVIORAL INTERVENTION, AUTISM SPECIALTY**

Form NP

NEW PROGRAM PROPOSAL FORM

Sponsoring Institution(s): State Fair Community College

Program Title: Behavioral Intervention, Autism Specialty

Degree/Certificate: Associate of Applied Science

Options: Professional Certificate, Behavioral Intervention, Autism Specialty

Delivery Site(s): Sedalia Campus, 3201 W. 16th St., Sedalia, MO 65301-2199
Lake Ozarks Site, Stone Crest Mall, Osage Beach, MO. 65065
Clinton Site, Truman Regional Education Center, Clinton, MO, 64735

CIP Classification: 13.1013

Implementation Date: Spring 2011

Cooperative Partners: None

**Expected Date of
First Graduation:** Spring 2012

AUTHORIZATION

Dr. Brent Bates, Vice President of Educational and Student Support Services

Date

Contact Person: Dr. Brent Bates, Vice President of Educational and Student Support Services, 660-596-7252, bbates@sfccmo.edu

Need:

Recognition of Autism Spectrum Disorder (ASD) has risen rapidly in the last decade. Once thought to be rare, it is now the most common neurological disability affecting children today. The Centers for Disease Control estimates that 1 in 150 children have ASD nationally. Though there are not complete statistics for Missouri, the CDC’s Autism and Developmental Disabilities Monitoring Project estimated that 1 in 137 children in the St. Louis area had a diagnosis of ASD in 2002. Missouri’s Department of Mental Health, Division of Developmental Disabilities served 5,500 children and adults with autism in 2007, and 6,400 persons with autism in 2008. With those numbers and the growth in those numbers, there is a critical shortage of skilled early intervention professionals in the United States.

The Professional Certificate in Autism and the AAS in Behavioral Intervention – Autism Specialty will prepare students for employment as paraprofessionals who will work with individuals who have Autism Spectrum Disorder (ASD) in public schools, state schools, home-based services, early intervention programs, Head Start, child care, and other special application programs.

The Professional Certificate includes curriculum related to understanding and working with individuals with Autism Spectrum Disorder. The philosophy of the program is to train individuals with the knowledge and skill to provide each child with autism the opportunity to be successful and to achieve success by performing at each child’s optimal and individual best academically and socially. Students with autism should experience engaging and challenging learning opportunities that enable them to lead rewarding lives as they develop into well-adjusted and contributing members of the community.

The program was developed by an advisory committee of community members, including parents of autistic children and representatives from the local school district and other institutions, who were interested in expanding training opportunities in our area. The program fits within the mission of State Fair Community College, as it “enriches our community ...by providing skills and knowledge essential for this changing world.”

STUDENT DEMAND

Form SE

Student Enrollment Projections:

YEAR	1	2	3	4	5
Full-Time	5	5	5	5	5
Part-Time	10	20	20	30	40
TOTAL	15	25	25	35	45

Market Demand:

Employees with training and/or certification in Behavioral Intervention with a specialty in Autism do not appear in specific national, state or regional occupational categories.

Federal requirements that children with developmental disabilities as young as age 3 are eligible to receive services from school districts, and state requirements from an increasing number of states, including Missouri, that require health insurance providers to cover autism related treatment have increased demands for trained employees.

According to the Bureau of Labor Statistics Occupational Outlook Handbook, 2010-11 edition, favorable job prospects are expected for teacher assistants, especially those with at least two years of formal postsecondary education. This occupational area is expected to grow 10 percent between 2008 and 2018, with the fastest growth among assistants who focus on students with special needs. Social and human services assistants is another related category, and this area projects growth of nearly 23 percent between 2008 and 2018, much faster than the average for all occupations. Job prospects are best for employees with post-secondary education and training.

State and Region:

According to the Blue Ribbon Panel on Autism, a group charged with assessing the “State of Autism” in Missouri, there exists in Missouri a critical shortage of professionals at all levels. The report states there are a limited number of institutions providing training for new entrants into the profession, and the shortage is most pronounced in the rural areas. The report also stated that educators with ACD-specific training are in short supply, again, especially in the rural areas of the state. The panel recommended an expansion of training opportunities and the development and expansion of curriculum at the university and college level specific to ASD and to the management of behavior problems encountered with ASD.

Societal Demand:

As the number of children diagnosed with ASD increases, and as we learn more about this disability and its treatments, it is incumbent upon society to provide a skilled and trained workforce to support these children.

Methodology Used:

Statistics were obtained from the following sources –
United States Department of Labor
Bureau of Labor Statistics
Missouri Occupational Outlook Handbook
Blue Ribbon Panel on Autism

Duplication:

No such program exists in the service region.

Collaboration:

State Fair Community College will work in collaboration with the University of Central Missouri and other universities to provide resources for this program. For instance, opportunities for collaboration, including shared faculty and utilizing resources of the Midwest Clinic for Autism Spectrum Disorders have been discussed with UCM College of Education.

A part of this program’s development, State Fair Community College formed a community advisory committee, comprised primarily of parents of autistic children and personnel from local school districts and other institutions, which explored need, demand, curriculum and other issues. The committee, which designed the program and curriculum, not only will continue, but it will be expanded to include other partners.

A.A.S. IN BEHAVIORAL INTERVENTION, AUTISM SPECIALTY

Forms PS

- A. **Total credits required for graduation:** 64 hours
- B. **Residency required, if any:** 15 hours
- C. **General Education:** 19 total credits

AAS in Behavioral Intervention Autism Specialty	Advising Worksheet
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Skill Strengthening Courses (dependent on placement scores)				
BSKL 010 Basic English w/Lab	3		BSKL 061 Basic Math w/Lab	3
BSKL 015 Reading	3		BSKL 064 Elementary Algebra	3
BSKL 020 Intro to Writing	3			

Note: Course numbers below 100 (listed above) will not apply for graduation requirements.

Student Success Courses				
SS 100 New Student Orientation <i>(Part of initial enrollment process)</i>	.5		SS 101 Success 101	1
			SS 104 College Skills	3

Program CORE		General Education Requirements	
EDUC 212 Technology for Teachers	3	ENGL 101 Composition I	3
ECD 117 Creative Expression and Play	3	SPTH 101 Public Speaking	3
Program Electives Select from the following: ECD 109 Observation, Planning, and Assessment ECD 111 Language Development/Early Literacy ECD 115 Child Social/Emotional Development ECD 107 Child Nutrition, Health, and Safety EDUC 209 Foundations of Education	9	HIST 101 Us History Before 1877 or HIST 102 US History After 1877 or POLSC 101 Amer/National Government	3
Specialty Emphasis		MATH 112 Intermediate Algebra (or) MATH 114 College Algebra (or) MATH 117 Contemporary Math	3
Fall		PSY 101 General Psychology	3
ECD 103 Child Growth and Development*	3	ART 101 Art Appreciation (or) MUS 101 Music Appreciation (or) SPTH 107 Intro to Theatre	3
ECD 125 Intro to Special Individuals*	3	Wellness Course	1
ATSM Autism and Applied Behavioral Analysis	3		
Spring			
ATSM Autism Spectrum Disorder	3		
ATSM Communication and Social Competence	3		
ATSM Autism Practicum I	3		
Fall			
ECD 127 Parent Teacher Interaction*	3		
ATSM Sensory Integration	3		
HLTH 102 First Aid	2		
SS 120 Employment Strategies	1		
Spring			
ATSM Autism Practicum II	3		
Total	45	Total	19
		Program Total <i>(Does not include basic skills or student success courses.)</i>	64

See course catalog for detailed description of requirements.

All students must pass a criminal background check to be employed in this field.

PROFESSIONAL CERTIFICATE, BEHAVIORAL INTERVENTION, AUTISM SPECIALTY

Forms PS

- A. **Total credits required for graduation:** 30 hours
- B. **Residency required, if any:** 15 hours
- C. **General Education:** 0 total credits

Professional Certificate in Behavioral Intervention, Autism Specialty	Advising Worksheet
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Skill Strengthening Courses (dependent on placement scores) Suggested, not required			
BSKL 010 Basic English w/Lab	3		
BSKL 015 Reading	3		
BSKL 020 Intro to Writing	3		
		BSKL 061 Basic Math w/Lab	3
		BSKL 064 Elementary Algebra	3

***Note:** Course numbers below 100 (listed above) will not apply for graduation requirements.*

Student Success Courses			
SS 100 New Student Orientation <i>(Part of initial enrollment process)</i>	.5		
		SS 101 Success 101	1
		SS 104 College Skills	3

Specialty Emphasis		General Education Requirements		
Fall				
ECD 103 Child Growth and Development	3	Math and English competencies will be imbedded in the curriculum		
ECD 125 Intro to Special Individuals*	3			
ATSM Autism and Applied Behavioral Analysis	3			
Spring				
ATSM Autism Spectrum Disorder	3			
ATSM Communication and Social Competence	3			
ATSM Autism Practicum I	3			
Fall				
ECD 127 Parent Teacher Interaction*	3			
ATSM Sensory Integration	3			
HLTH 102 First Aid	2			
SS 120 Employment Strategies	1			
Spring				
ATSM Autism Practicum II	3			
Certificate Total	30			

See course catalog for detailed description of requirements.

Certificate is offered as an evening cohort.

All students must pass a criminal background check to be employed in this field.

PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS

Form PG

Institution Name: State Fair Community College

Program Name: Behavioral Intervention, Autism Specialty
Professional Certificate, Behavioral Intervention, Autism Specialty

Date: August 1, 2010

Student Preparation:

Students will have no specific admission qualifications to be admitted to the college; however, they will need to meet course pre-requisites.

Faculty Characteristics:

Faculty will be expected to have a Masters Degree in the field of study. Faculty are expected and encouraged to stay current in their field. A majority of the courses will be taught by adjunct-time faculty.

Student and Program Outcomes:

Program Outcomes

The goal of the autism certificate and degree is to prepare a paraprofessional workforce that is knowledgeable and who will provide instructional assistance to students with autism that will enable them to perform to the best of their ability academically and socially.

Students should meet these program outcomes:

Demonstrate professional and ethical behaviors with children and colleagues in educational environments in the history, ethics, and evolution of Autism Spectrum Disorders.

1. Articulate in writing the various aspects of working with individuals with an Autism Spectrum Disorder.
2. Demonstrate the knowledge, abilities, and skills to utilize the various approaches of working with individuals with Autism Spectrum Disorders which complements their learning style and cultivates their growth and development in multiple areas in life.
3. Demonstrate the ability to adapt teaching methods to respond to individuals with Autism Spectrum Disorders.
4. Collaborate with other team members in planning, implementing, and evaluating the success of plans developed for individuals with Autism Spectrum Disorders.
5. Identify community resources to support work with individuals with Autism Spectrum Disorders.
6. Support families of individuals with Autism Spectrum Disorders with education, resources, and planning.

Goals for the program include 10 certificate graduates at 3 years and 15 graduates in 5 years; 3 AAS graduates at 3 years, 5 graduates in 5 years.

Program Accreditation:

Upon approval from DHE, the college will seek approval from the Department of Secondary and Elementary Education and the Higher Learning Commission of North Central Association of Colleges and Schools. Additional program specific accreditation or certification will not be pursued.

Alumni and Employer Survey:

The expected satisfaction rate for alumni at the time of graduation is expected to be 75% using a follow-up survey.