Name _____

Learner ID _____

School/College/University _____

Education and Training

Career Cluster Plan of Study for ► Learners ► Parents ► Counselors ► Teachers/Faculty

This Career Cluster Plan of Study (based on the Education and Training Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/ or Degree Major Courses for Education and Training	SAMPLE Occupations Relating to This Career Cluster
		Interest Inventory Administered and Plan of Study Initiated for all Learners						
SECONDARY	9	English/ Language Arts I	Algebra I	Earth or Life or Physical Science	State History Civics	All plans of study should meet local and state high school graduation requirements and college entrance requirements. Certain local student organization activities are also important including public speaking, record keeping and work-based experiences.	**Career Exploration in Education and Training* *Information Technology Applications*	►Administrator ► Assessment Specialist ► CareerTech Administrator ► Child Care Worker ► Clinical Psychologist ► Coach ► College/University Faculty ► Counselor ► Curriculum Developer ► Elementary Teacher ► High School Teacher ► Middle School Teacher ► Principal ► Speech-Language Pathologist
	10	English/ Language Arts II	Geometry	Biology	U.S. History		**Human Growth and Development*	
	11	English/ Language Arts III	Algebra II	Chemistry	World History Economics		**Fundamentals of Education Professions* ** Parenting and/or Child Development*	
		College Placement Assessments-Academic/Career Advisement Provided						
	12	English/ Language Arts IV	Statistics or other math course	Physics	Psychology or Sociology American Govt.		**Applications of Education Professions*	
		Articulation/Dual Credit Transcripted-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.						
POSTSECONDARY	Year 13	English Composition English Literature	Algebra	Chemistry	Psychology American History	All plans of study need to meet learners' career goals with regard to required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include.	**Introduction to Education* *Introduction to the Exceptional Learner*	
	Year 14	Speech/ Oral Communication	Computer Applications	Biological Science Physical Science	Geography and Educational Psychology		**Diversity in Education and Training* *Instructional/Educational Technology*	
	Year 15	Technical Communication	Tests and Measurements		Political Science Sociology		**Managing the Learning Environment* *Methods of Teaching and Learning* Continue courses pertinent to the pathway selected.	
	Year 16+		*Dependent on chosen pathway*		Economics Philosophy of Educ.		Complete teaching/training major. (Fulfill student teaching requirement as needed.)	

**See course descriptions on pages 2 and 3.

NCTEF

Education and Training
Course Descriptions
(Course content may be taught as concepts within other courses.)

#1

Career Exploration in Education and Training: This course will build an understanding of the academic, communication, and technical skills in all aspects of the industry. Learners will investigate a broad range of education and training careers through interest inventories and observations. This may be taught as a career exploration course in conjunction with other foundation Career Cluster courses.

#2

Information Technology Applications: Students will practice ethical use of technology tools to manage personal schedules and contact information, create memos and notes, prepare simple reports and other business communications, manage computer operations and file storage, and use electronic mail and Internet applications to communicate, search for and access information.

#3

Human Growth and Development: This course provides basic knowledge of human growth and development as well as skills necessary to care for lifelong development, health, CPR/first aid and nutrition. This course also provides information and activities for guiding behavior and meeting the needs of special age groups. Careers in Education and Training are explored.

#4

Fundamentals of Education Professions: This course will provide fundamental knowledge of the subject matter and methodology used in the Education and Training cluster. It will provide students with opportunities for multiple supervised observation experiences in diverse environments that will expose them to the requirements of careers related to Education and Training.

#5

Parenting and/or Child Development: This course introduces students to responsible nurturing and basic applications of child development theory with emphasis on parents' and educators' responsibilities and the influences they have on children while providing care and guidance. Skills in communication, resource management and problem-solving are reinforced in this course.

#6

Applications of Education Professions: This course introduces applications within the teaching and training profession, preparation for educational licensure and ongoing employment, exposure to legal and ethical issues, environmental structure and culture, and basic historical, sociological, philosophical, physiological and psychological principles that apply to classroom practice. Extensive observation in an approved school setting is a part of this course. An introduction to courses 7-11 may be included.

#7

Introduction to Education: This course provides content related to preparation and credentials as well as statistics, trends and assessment strategies influencing education and training. Also included are challenges confronting educational settings, historical background of American education and influences from around the world, effective teacher attributes, and major philosophies of education.

#8

Introduction to the Exceptional Learner: Students will study learners within the school setting who require special accommodation to optimize their learning potential. The course will cover historical and legal bases for providing education services to students with special needs as well as examine the philosophical, political, and pedagogical issues that exist within education and training today.

#9

Diversity in Education and Training: This course examines the demographics, culture, attitudes and values of diverse populations being served in Education and Training environments. Also included is content related to educational policies that ensure equal opportunity and working with different learning and teaching styles.

Education and Training
Course Descriptions
(Continued)

#10

Instructional/Educational Technology: This course presents principles of instructional/educational technology and the relative advantages of using technology in the classroom. Lab time will be devoted to using hardware, multimedia technology and software tools to facilitate learning and classroom administration.

#11

Managing the Learning Environment: Course content includes presenting a climate of effective methods of motivational theory, classroom discipline and management, including working with students with discipline problems, learners with special needs, students with behavioral problems and classroom administration.

#12

Methods of Teaching and Learning: This course includes organizational strategies and systems and use of appropriate resources and assessments to advance learning in a variety of organizational structures.

SAMPLE