This Career Pathway Plan of Study (based on the Professional Support Services Pathway of 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.

<table>
<thead>
<tr>
<th>EDUCATION LEVEL</th>
<th>GRADE</th>
<th>English/Language Arts</th>
<th>Math</th>
<th>Science</th>
<th>Social Studies/Sciences</th>
<th>Other Required Courses</th>
<th>Career and Technical Courses and/or Degree Major Courses for Professional Support Services Pathway</th>
<th>SAMPLE Occupations Relating to This Pathway</th>
</tr>
</thead>
</table>
| 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 | **Occupations Requiring Baccalaureate Degree**  
Parent Educator |
|                 | 10    | English/Language Arts II | Geometry | Biology | U.S. History | | • Human Growth and Development | **Occupations Requiring More than Baccalaureate Degree**  
Clinical Psychologist  
Counselor  
Developmental Psychologist  
Social Psychologist  
Social Worker  
Speech-Language Audiologist  
Speech-Language Pathologist  
Testing Specialist |
|                 | 11    | English/Language Arts III | Algebra II | Chemistry | World History Economics | | • Fundamentals of Education Professions  
• Parenting and/or Child Development | |
|                 | 12    | English/Language Arts IV | Statistics or other math course | Physics | Psychology or Sociology American Government | | • Applications of Education Professions | |
|                 | 13    |                      | | | | | | |
|                 | 14    |                      | | | | | | |
|                 | 15    |                      | | | | | | |
|                 | 16    |                      | | | | | | |

Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.
<table>
<thead>
<tr>
<th>EDUCATION LEVELS</th>
<th>GRADE</th>
<th>English/ Language Arts</th>
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<th>Other Required Courses</th>
<th>Other Electives</th>
<th>Recommended Electives</th>
<th>Learner Activities</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Year 16+</td>
<td></td>
<td>Statistics</td>
<td>Educational Research</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- Introduction to Counseling Practice</td>
<td></td>
</tr>
</tbody>
</table>

Notes
Creating Your Institution’s Own Instructional Plan of Study

With a team of partners (secondary/postsecondary teachers and faculty, counselors, business/industry representatives, instructional leaders, and administrators), use the following steps to develop your own scope and sequence of career and technical courses as well as degree major courses for your institution’s plan of study.

1. Crosswalk the Cluster Foundation Knowledge and Skills (available at http://www.careerclusters.org/goto.cfm?id=86) to the content of your existing secondary and postsecondary programs/courses.

2. Crosswalk the Pathway Knowledge and Skills (available at http://www.careerclusters.org/goto.cfm?id=24) to the content of your existing secondary/postsecondary programs and courses.

3. Based on the crosswalks in steps 1 and 2, determine which existing programs/courses would adequately align to (cover) the knowledge and skills. These programs/courses would be revised to tighten up any alignment weaknesses and would become a part of a sequence of courses to address this pathway.

4. Based on the crosswalks in steps 1 and 2, determine what new courses need to be added to address any alignment weaknesses.

5. Sequence the content and learner outcomes of the existing programs/courses identified in step 3 and new courses identified in step 4 into a course sequence leading to preparation for all occupations within this pathway. (See list of occupations on page 1 of this document.)

6. The goal of this process would be a series of courses and their descriptions. The names of these courses would be inserted into the Career and Technical Courses column on the Plan of Study on page 1 of this document.

7. Below is a sample result of steps 1-6, and these course titles are inserted into the Plan of Study on page 1 of this document.

8. Crosswalk your state academic standards and applicable national standards (e.g., for mathematics, science, history, language arts, etc.) to the sequence of courses formulated in step 6.

Education and Training: Professional Support Services

SAMPLE Sequence of Courses for Instructional Leaders Administrators Counselors Teachers/Faculty

Below are suggested courses that could result from steps 1-6 above. However, as an educational institution, course titles, descriptions and the sequence will be your own. This is a good model of courses for you to use as an example and to help you jump-start your process. Course content may be taught as concepts within other courses, or as modules or units of instruction.

The following course is based on the Cluster Foundation Knowledge and Skills found at http://www.careerclusters.org/goto.cfm?id=86. These skills are reinforced through participation in student organization activities.

#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.

The following courses are based on the Cluster Foundation Knowledge and Skills as well as the Pathway Knowledge and Skills found at http://www.careerclusters.org/goto.cfm?id=24. These skills are reinforced through participation in student organization activities.

#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.
The following courses expose students to Pathway Knowledge and Skills found at http://www.careerclusters.org/goto.cfm?id=24 and should include appropriate student activities.

#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.

#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 students at risk.

#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.

#13 Introduction to Counseling Practice: This course provides an introduction to guidance programs in community counseling centers and the elementary and secondary school as it involves the teacher, counselor and administrators. (This course may be replaced by another course in the student's specialized area of study.)

#14 Professional and Ethical Issues: This course provides an examination of the objectives of professional organizations, codes of ethics, legal aspects of practice, family law, standards of preparation and the role and identity of persons providing direct professional support services.

#15 Advanced Tests and Measurements: This course is designed to give professional support personnel advanced understanding of tests and measurement issues, design, development and interpretation for a diagnosis and/or educational purposes.

#16 Assessment and Appraisal: This course includes group and individual appraisal techniques to be used for professional support services personnel to support career, education, psychological and personal planning and development. Standardized and non-standardized data information gathering methods, validity, reliability, psychometric statistics, and factors, influencing appraisals and use and interpretation of appraisal results with a variety of populations will be presented.

#17 Career Guidance and Counseling for Support Professionals: This course is designed for school guidance personnel as well as persons working in employment assistance, human resources, vocational, and life planning and development areas. The content is oriented to educational and world-of-work opportunities including knowledge relative to labor market information and including current and projected economic trends.

#18 Theories of Counseling: This course is designed to teach individual and group counseling theories and techniques appropriate for individual and group counseling including working in human resources in agencies, schools and the community.