



ATECH Services / Crotched Mountain Credentials Database
(Under Development as of 4/11/10)

A. Objective

To obtain a **detailed** inventory of employee **credentials** and **level of expertise** through a user-friendly database

B. Utilization and Maintenance

1. User Rights

An authorized individual / **Organization** would create a **“Professional Profile”** by entering his/her relevant information in each *data content area*

2. Update

Users update yearly or as credentials and/or expertise is achieved

3. Maintenance Issues

- i. Expand *data content areas* as needed
- ii. Develop and publish *data reports*
- iii. Provide technical assistance to *users*
- iv. Database / Application maintenance activities

C. Data Content Areas (To be Expanded as Needed)

1. Name
2. **Educational History**
3. State License(s)
4. Certifications
5. Areas of Expertise (see below)
6. Experience by Diagnosis (**appropriateness should be discussed for statewide database**)
7. Areas of Advanced Training
8. Professional Membership(s)
9. Professional Development Activities

10. Job Title
11. Employer
12. Center-based or Itinerant
13. Catchment Area (Special Ed Regions)
14. Age Concentration
 - a. EI
 - b. Preschool
 - c. K-12
 - d. Post-secondary
 - e. Adult Services

D. Areas of Expertise: (to be expanded for statewide database)

1. Assistive Technology (Topic A)

- a. Alternative Positioning (*Sub-topic A1*)
- b. Ambulation (*Sub-topic A2*)
- c. Augmentative and Alternative Communication (AAC) (*Su- topic A3*)
- d. Transportation (*Sub-topic A4*)
- e. Computer Access (*Sub-topic A5*)
- f. Environmental Access (*Sub-topic A6*)
- g. Research (*Sub-topic A7*)
- h. Seating and Wheeled Mobility (*Sub-topic A8*)

2. Clinical (Topic B)

- a. PT (*Sub-topic B1*)
- b. OT (*Sub-topic B2*)
- c. SLP (*Sub-topic B3*)
- d. Psychological (*Sub-topic B4*)
- e. Medical (*Sub-topic B5*)

3. Special Education (Topic C)

- a. Blind and Visually Impaired (*Sub-topic C1*)
- b. Deaf and Hard of Hearing (*Sub-topic C2*)
- c. Deaf-Blind (*Sub-topic C3*)
- d. Special Education (*Sub-topic C4*)

4. Professional Development Topics - Provided to Others (Topic D)

E. Data Structure

Topics followed by multiple **Sub-topics** with corresponding **level of expertise**

Example: (Topic A) **AT** and the (Sub-topic A3) **AAC**

1. **AAC** (Subtopic A3)

a. **Hi-Tech Devices** (Sub-topic A3.a)

i. **Language Representation System** (Sub-topic A3.a.1)

1. Adult Acquired (Sub-topic A3.a.1.a)
2. Chat Software (Palm, Saltillo) (Sub-topic A3.a.1.b)
3. Gateway (Sub-topic A3.a.1.c)
4. Morse Code (Sub-topic A3.a.1.d)
5. Proloquo 2 Go (Sub-topic A3.a.1.e)
6. Speaking Dynamically Pro (Sub-topic A3.a.1.e)
7. Spelling (Sub-topic A3.a.1.f)
8. Tango (Sub-topic A3.a.1.g)
9. Unity (Sub-topic A3.a.1.h)
10. Viking Software (Sub-topic A3.a.1.i)
11. Visual Scenes (Sub-topic A3.a.1.j)
12. Word Power (Sub-topic A3.a.1.k)
13. Word+ (Sub-topic A3.a.1.l)

ii. **Features** (Sub-topic A3.a.2)

1. Word Prediction (Sub-topic A3.a.2.a)
2. Abbreviation Expansion (Sub-topic A3.a.2.b)
3. Semantic Compaction (Sub-topic A3.a.2.c)
4. ECU (Sub-topic A3.a.2.c)
5. Notebook (Sub-topic A3.a.2.d)
6. Computer Access/Alternative Keyboard (Sub-topic A3.a.2.e)
7. Symbolation (Sub-topic A3.a.2.f)
8. Spelling (Sub-topic A3.a.2.g)
9. Size (very small, med, large) (Sub-topic A3.a.2.h)
10. Dedicated vs. Non-dedicated (Sub-topic A3.a.2.i)
11. Social Participation Scripts (Sub-topic A3.a.2.j)
12. Levels/Pages (Sub-topic A3.a.2.k)
13. Access Methods (Sub-topic A3.a.2.l)
14. Eye Gaze (Sub-topic A3.a.2.m)
15. Single Switch Access (Sub-topic A3.a.2.n)
16. Joy Stick (Sub-topic A3.a.2.o)

- 17. Mouse (*Sub-topic A3.a.2.p*)
- 18. Direct Selection (*Sub-topic A3.a.2.q*)
- 19. Auditory Scanning (*Sub-topic A3.a.2.r*)
- 20. Scanning (*Sub-topic A3.a.2.s*)
- 21. Head Pointing (*Sub-topic A3.a.2.t*)
- 22. Mounting (*Sub-topic A3.a.2.u*)

b. **Light-Tech** (*Sub-topic A3.b*)

- i. Single Message (*Sub-topic A3.b.1*)
- ii. Series Message Devices (*Sub-topic A3.b.2*)
- iii. Static Display Devices (*Sub-topic A3.b.3*)
- iv. ECU - Toys/Appliances (*Sub-topic A3.b.4*)
- v. Switches (*Sub-topic A3.b.5*)
- vi. Switch-activated and adapted Toys (*Sub-topic A3.b.6*)

c. **Low-Tech** (*Sub-topic A3.c*)

- i. PECS (*Sub-topic A3.c.1*)
- ii. Object Communication (*Sub-topic A3.c.2*)
- iii. Manual Communication System (*Sub-topic A3.c.3*)
- iv. Tactile Symbols (*Sub-topic A3.b.4*)
- v. Partner Assisted Communication (*Sub-topic A3.c.5*)
- vi. Eye Gaze (*Sub-topic A3.c.6*)

d. **Educational Consultation** (*Sub-topic A3.d*)

- i. Literacy (*Sub-topic A3.d.1*)
- ii. Schedule Systems (*Sub-topic A3.d.2*)
- iii. Curriculum Access/Participation in Classroom (*Sub-topic A3.d.3*)
- iv. IEP Development (*Sub-topic A3.d.4*)
- v. Alternative Assessment Development/Goals (*Sub-topic A3.d.5*)
- vi. Social Communication (*Sub-topic A3.d.6*)

e. **Funding** (*Sub-topic A3.e*)

- i. Process (*Sub-topic A3.e.1*)
- ii. Report Writing (Medicaid/Medicare/PI) (*Sub-topic A3.e.2*)
- iii. Appeals (*Sub-topic A3.e.3*)
- iv. Repairs (*Sub-topic A3.e.4*)

F. Rating System

Each **User** would log onto the database and enter his/her “**level of expertise**” for each **Topic** and corresponding **sub-topics**.

A guiding question might be...*I am capable of completing/providing services re: TOPIC/Sub-topics at the following level:*

1. Evaluation

Outcome provides adequate information:

- a. To secure funding for AT
- b. Recommendations that can be implemented by another expert/team

2. Consumer / Team Training

Implement and apply evaluation recommendations

3. Support / Technical

Paraprofessional/technician support

4. Professional Development

Able to train/educate others at a level defined within the database....