

**DJJ Work Adjustment Model
an
Integrated
Learning/Skill Building Approach
to
Developing a Career Pathway**

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VERSION 3.0**





I. Artistic

Artistic: Literary arts, visual arts, performing arts, drama, dance, craft arts, modeling.

Occupations in this group involve: Writing, editing, directing, painting, drawing, photography, playing musical instruments, dancing, fabricating art objects, decorating, etc.

Worker traits include: An interest in the creative expression of feeling or ideas

Skills and Abilities include:

1. Knowledge of rules of grammar
2. Extensive vocabulary
3. Writing creatively
4. Ability to attract attention and/or influence opinions
5. Decision making
6. Familiarity with artistic principles, techniques, and color tones
7. Spatial perception
8. Poise and self confidence
9. Memorizing
10. Voice inflection
11. Conveying ideas and emotions through body movements

Activities that foster the development of necessary skills and abilities and allow



I. Artistic

for exploration within this work group may include:

- Writing portfolios
- Journalizing
- Participate in writing, directing, and/or acting in a dramatization or play
- Identify and exhibit nonverbal communication
- Develop a facility newsletter
- Field trip to River Park Center for plays and cultural activities
- Computer pen pal
- Letter exchange with other classrooms
- Parent newsletter
- Student brochure
- Student video
- Develop, create, construct and maintain bulletin boards throughout the facility
- Career exploration in artistic career field
- Write letters to community worker, judge, family, and friends
- Field trips
- ads
- Illustrate book covers/posters

Facility and Community Activities that allow for exploration within this work group and foster the development of a CAREER PATHWAY may include:



I. Artistic

- Participate in Work Place
- Participate in a talent contest
- Video record facility activities
- Design and landscape facility grounds
- Help design costumes and stage set for the Christmas play
- Announce or emcee at ball game or facility gathering
- Tour guides around facilities
- Talk to groups at facilities
- Speak to civic groups
- View dramatic presentations performed by community groups
- Attend plays in the community

Other Successful Facility and Community Activities



II. Scientific

Scientific: Life Sciences, Medical Sciences, and Laboratory Technology

Occupations in this group involve: conducting scientific study of living and non-living things; applying knowledge of mathematics, physics, or chemistry; investigating, discovering, and testing theories; researching in such fields as geology, astronomy, oceanography and computer science; determining environmental impact on plant and animal life, disease origins, and disease control; diagnosis, treatment, and prevention

of human and animal diseases, disorders, or injuries; use of laboratory techniques and equipment to perform tests or experiments.

Worker Traits Include: An interest in discovering, collecting, and analyzing information about the natural world, and in applying scientific research findings to problems in medicine, the life sciences, and the natural sciences.

Skills and Abilities include:

1. Use of logic and/ or scientific knowledge



II. Scientific

2. Understanding, interpreting, and expressing complex, technical, and scientific information
3. Determining differences in texture, color, shape, and size of objects
4. Decision making
5. Interpreting and reporting technical and scientific data
6. Staying cool and calm during emergencies
7. Following technical instructions
8. Use math skills in metric and/or English units to count and/or measure objects

Activities that foster the development of necessary skills and abilities and allow for exploration within this work group may include:

- Make a list of personal life-style changes that would have a positive effect on the environment
- Collect and identify insects/plants
- Journal daily food intake and determine nutritional value, caloric value, etc.
- Participate in Vocational horticulture
- Career exploration in scientific career field



II. Scientific

- Participate in water watch program
 - Study environmental studies (, recycling)
- Facility and Community Activities** that allow for exploration within this work group and foster the development of a CAREER PATHWAY may include:
- Participate in Workplace Principles
 - Assess the facility grounds and buildings for
 - environmental hazards; make a plan of correction.
 - Assume responsibility for facility pets.
 - Participate in environmental clean-up projects to
 - protect natural environment.
 - Plan and participate in mock disaster drills and severe weather-related evacuation plans.
 - Assistance with homework and special classroom projects.
 - Watching discovery channel.
 - Assisting with horticulture activities.
 - View presentations by facility nurse



II. Scientific

- Speakers from the community

**Other Successful
Faculty and Community
Activities:**



III. Plants & Animals

Plants and Animals:

Managerial Work General Supervision, Animal Training and Services, Elemental Work

Occupations in this group involve:

Performing physical manual work associated with farming, ranching, forestry and game preservation, fish cultivating, commercial fishing, horticultural, agricultural services; management and supervision in related operations; care, training, or conditioning various kinds of animals

Worker Traits Include:

An interest in working with plants and animals, usually outdoors

Skills and Abilities Required Include:

1. Applying knowledge and techniques to plan and direct activities associated with growing, breeding and caring for plants and animals
2. Keeping financial and production records and reports
3. Working outdoors
4. Overseeing, negotiating or dealing with people in different work situations



III. Plants & Animals

5. Engaging in manual work
6. Using tools and equipment
7. Engaging in physical work to keep surroundings (such as pet shops, zoos, circuses, aquariums, and racing stables) clean
8. Following instructions

Activities that foster the development of necessary skills and abilities and allow for exploration within this work group may include:

- Make a list of personal life-style changes that would have a positive effect of the environment
- Collect and identify plants and insects

- Plan an environmental study camping trip
- Operate and maintain compost pile
- Learn to identify trees and plants

Facility and Community Activities that allow for exploration within this work group and foster the development of a CAREER PATHWAY may include:

- Work in greenhouse
- Participate in an environmental study camping trip
- Participate in environmental clean-up projects to protect natural



III. Plants & Animals

- environment.
- Assume responsibility to care for the facility pet
- Do volunteer work at an animal shelter
- Work in a garden
- Grounds maintenance
- Participate in community maintenance of grounds at public buildings
- Participate in facility maintenance
- Participate in facility gardening project
- Learn to use gardening and landscaping tools

**Other Successful
Facility and Community
Activities:**



IV. Protective

Protective: Safety and Law Enforcement, Security Services

Occupations in this group involve: Activities concerned with enforcement of laws and safety regulations; investigation of violations; protecting people, animals, and physical property from injury, danger, theft, and vandalism

Worker Traits include: An interest in using authority to protect people and property

Skills and Abilities:

1. Knowledge of safety rules, laws, and/or regulations
2. Using tact and courtesy to with people
3. Knowledge of rules and/or grammar
4. Decision making
5. Poise and self confidence
6. Staying cool and calm during emergencies
7. Following technical instructions
8. Use of tools and/or equipment
9. Write technical reports
10. Read meters, and/or dials, etc..
11. Move and lift weights



IV. Protective

12. Knowledge/applying principles of mathematics

Activities that foster the development of necessary skills and abilities and allow for exploration within this work group may include:

- Studying Kentucky Driver's Manual
- Learn and practice safety rules associated with the facility or
- program; explain the necessity for these rules
- Career exploration in protective career field
- Follow all school rules

- Learn safety rules in vocational classes
- View safety requirement films
- Study personal development/ interpersonal skills
- Research security jobs and related fields on computer
- Invite speakers in who hold such jobs
- Plan and participate in disaster drills have guest speakers on different safety careers

Facility and Community Activities that allow for exploration



IV. Protective

within this work group and foster the development of a CAREER PATHWAY may include:

- Participate in Workplace Principles
- Become certified in CPR and First Aid
- Become a camp council member
- .Plan and participate in mock disaster drills and severe weather related evacuations
- Acquaint new group members with information in facility orientation packet
- Become a resident sponsor
- Demonstrate honesty
- Respect staff and peers
- Follow rules and encourage peers to follow rules
- Become familiar with material safety data sheets and hazardous responses
- Participate in disaster drills
- Participate in presentations by law enforcement and safety personnel
- Invite a nurse to teach general health issues
- Invite officer from police department to be a guest speaker



IV. Protective

**Other Successful
Facility and Community
Activities:**

Industrial: Production
Technology; Production
work; Quality Control,
Elemental Work; and
Industrial

**Occupations in this
group will involve:**



VI. Industrial

Setting up and operating machines; Inspecting, testing, weighing, grading, and sorting products according to quality standards; feed or tend machines and equipment; use tools to do precision work; assist skilled workers usually in an industrial setting

Worker traits include:

An interest in repetitive, concrete, organized activities done in a factory setting

Skills and Abilities:

1. Read blueprints, wiring diagrams, and other work specifications
2. Follow oral and/or written instructions
3. Eye, hand and finger coordination
4. Use math skills to count and/or measure objects and/or keep inspection records
5. Perform repetitious uncomplicated work
6. Follow simple directions
7. Observe safety rules
8. Move or lift varying weights
9. **Activities** that foster the development of necessary skills and abilities and allow



VI. Industrial

for exploration within this work group may include:

- Study blueprint reading
- Learn the metric system
- Learn functional math
- Become familiar with material safety data sheet
- Become familiar with personal protection equipment
- Learn how to use a tape measure
- Do maintenance at facility (hands-on)
- Learn basic measurements in consumer math
- Study/research technological developments in the industrial field
- Study weights and measurements
- Participate in a field trip to factory
- Invite speakers to class from UPS, Porter Paint, etc.
- Study safety tests in auto mechanics and horticulture
- Discuss OSHA
- Assemble a product using provided instructions. Check materials against an invoice.



VI. Industrial

Facility and Community Activities that allow for explorations within this work group and foster the development of a CAREER PATHWAY may include:

- Participate in Workplace Principles
- Participate in formal Vocational Training
- Stock dry and frozen food supplies
- Participate in formal Vocational Training
- Stock dry and frozen food supplies
- Participate in field trip to manufacturing companies
- Operate commercial dishwater
- Participate in custodial work relating to classroom and cottage
- maintenance and clean up
- Clean-up football stadium
- Paint the interior and exterior of buildings
- Tour local manufacturers
- Participate in presentations by industrial company representatives
- Take field trips to UPS, etc.



VI. Industrial

**Other Successful
Facility and Community
Activities:**



VII. Business Detail

Business Detail:

Administrative Detail;
Mathematical Detail;
Financial Detail; Oral
Communications; Clerical
Machine Operations;
Clerical Handling

Occupations in this

group involve: Overseeing
and carrying out office
operations; applying clerical
and administrative skills;
computing and keeping
numerical information and
records; using basic math
skills; handling money;
giving and receiving
information; preparing,
reviewing, filing, routing,
and distributing recorded

information; scheduling
activities of people

Worker traits include:

An interest in organized,
clearly defined activities
requiring accuracy and
attention to details,
primarily in an office setting

Skills and Abilities:

1. Plan own or others' work program
2. Perform clerical functions
3. Operate office equipment
4. Proof copy to correct errors in spelling, grammar and punctuation
5. Speak distinctly



VII. Business Detail

6. Know and use basic math skills to compute costs of items purchased
7. to make change
8. Deal tactfully and courteously with the public

Activities that foster the development of necessary skills and abilities and allow for exploration within this work group may include:

- Listen to guest speakers from local businesses
- Learn about budgeting
- Learn about banking
- Participate in mock interviews

- Learn basic accounting/record keeping skills
- Participate in public speaking/oral presentations
- Invite a speaker from the clerical profession
- Practice taking notes as a contest
- Practice making a budget
- Set up career day
- Guest speakers
- Life Skills/Personal business
- Basic Economics

Facility and Community Activities that allow for exploration within this work group and foster the



VII. Business Detail

development of a CAREER PATHWAY may include:

- Participate in Workplace Principles
- Assist with facility record keeping responsibilities
- Participate in moneymaking projects for facility activities
- Use calculators
- Take part in off campus outings
- Keep records and dates of meetings and counseling
- Participate in presentations by local business representatives
- Participate as camp youth and council member
- Under supervision, use office machinery/equipment
- Take customer orders at horticulture/green house
- Take notes at youth meetings and hold a position
- Do filing for vocational coordinator
- Make copies
- Assist with payroll for work experience
- Inventory canteen
- Coordinate car washes/bake sales/yard sales

Other Successful Facility and Community Activities:



VII. Business Detail

Selling: Sales Technology;
General Sales; Vending

**Occupations in this
group include:** Selling



IX. Accommodating

Accommodating: Passenger Services; Customer Services; Hospitality Services; Barber/Beauty Services; Attendant Services

Occupations in this group involve: Assisting people (visitors, travelers, or customers) in adjusting to unfamiliar settings; providing escort and guide services to points of interest; planning and directing social and recreational activities; greeting and seating restaurant patrons; insuring the safety and comfort of patrons during travel or vacation; providing people with services associated with the

care and/or treatment of the hair, skin, and nails; driving buses, taxis, limousines, or other vehicles to transport people on land; teaching others to drive; providing customers with various services such as serving food, renting articles, etc.; deferring to patron and/or customer requests, such as opening doors, delivering messages, checking in and carrying out baggage, giving massages and manicures

Worker traits include: An interest in catering to the wishes and needs of others usually on a one-to-one basis



IX. Accommodating

Skills and Abilities:

1. Talking easily with people
2. Using judgment and reasoning in coping with emergencies
3. Directing and/or participating in recreational and/or social activities
4. Applying knowledge of hair and/or skin care and treatment
5. Interpreting instructions presented in oral, written or graphic form
6. Applying reasoning, knowledge of traffic rules and driving skills to operate vehicles or instruct others
7. Judging distances and/or speeds to avoid accidents
8. Reading traffic signs
9. Following instructions involving time schedules, use of meters, and routes
10. Counting money and/or keeping fare records
11. Using common sense and basic language and math skills to carry out instructions total costs, make change, and fill out forms
12. Getting along with all types of people

Activities that foster the development of necessary skills and abilities and allow



IX. Accommodating

for exploration within this work group may include:

- Become a peer tutor
- Plan recreational activities
- Prepare meal in kitchen
- Explore accommodations career field
- Participate in health class
- Volunteer as peer tutor/teacher's aid
- Study Kentucky's Drivers manual
- Invite hotel workers, bus drivers, barbers, food workers to speak to class
- Perform KP duties

Facility and Community Activities that allow for exploration

within this work group and foster the development of a Career Pathway may include:

- Participate in kitchen duties
- Participate in recreational activities
- Inventory and care for recreational equipment
- Wash facility vehicles
- Maintain tool room duties
- Maintain clothing room and laundry duties
- Assume responsibility for cleaning living quarters



IX. Accommodating

Other Successful Facility and Community Activities



X. Humanitarian

Humanitarian: Social Services; Nursing; Therapy; Specialized Teaching Services; Child and Adult Care

Occupations in this group involve: Assisting people in dealing with problems that are personal, social, vocational, physical, educational, or spiritual in nature; caring for, training, or treating people who are sick, injured, or handicapped to improve physical or emotional conditions; helping professionally trained medical personnel in attending to the physical

needs and welfare of the sick, injured, elderly, young, or handicapped

Worker traits include: An interest in helping others with their mental, spiritual, social, physical, or vocational needs.

Skills and Abilities:

1. Apply logic and special training to counsel individuals or assist them in defining and solving social, personal or other related problems
2. Gain trust and/or confidence of people by demonstrating interest in and desire to help people



X. Humanitarian

3. Keep records and write investigative reports
 4. Communicate effectively with people
 5. Apply technical knowledge, common sense and special medical skills to care for or treat people who are sick or handicapped
 6. Adapt quickly to emergency situations
 7. Use special skills in attending to needs of specific individuals or group
 8. Use equipment and instruments and collect medical data
 9. Read charts and/or graphs
 10. Interpret and/or report medical and/or scientific data
- Activities** that foster the development of necessary skills and abilities and allow for exploration within this work group may include:
- Become a peer tutor
 - Evaluate the facility and grounds for handicapped accessibility
 - Learn community resources
 - Listen to guest speakers discussing community resources
 - Volunteer with Special Olympics at local level



X. Humanitarian

- Explore humanitarian career field
 - Volunteer as peer tutor/teacher's aid
 - Practice interviewing skills
 - Study human relations/interpersonal skills
 - Study non-verbal communications
 - Invite speakers – nurses, counselors to speak to class
 - Journal about community experiences
- Facility and Community Activities** that allow for exploration within this work
- group and foster the development of a CAREER PATHWAY may include:
- Participate in Workplace Principles
 - Adopt a family or elderly person at Christmas and/or time of need
 - Participate in group and individual counseling
 - Become a responsible group member
 - Discuss treatment goals with staff and residents
 - Participate in the development of individual treatment and after care plans
 - Learn to recognize when a group member needs help



X. Humanitarian

- Attend church services/volunteer to take part
- Volunteer to do projects when there is a need
- Help arrange school programs/presentations
- Participate in Habitat for Humanity Project
- Participate in Dare to Care
- Visit nursing homes

Other Successful Facility and Community Activities:



XI. Leading & Influencing

Leading and

Influencing: Mathematics and Statistics; Educational and Library Services; Social Research; Law; Business Administration; Finance; Services Administration; Communications; Promotion; Regulations; Enforcement; Business Management; Contracts and Claims

Occupation in this

group involve: Solving problems, conducting research, processing and developing systems to handle information and interpret numerical data by applying knowledge of

advanced mathematics and statistics; providing general and specialized teaching and vocational training in schools and colleges; advising in agricultural, home economics, and related extension work; offering library services to interested clientele; gathering, studying, and analyzing information associated with all aspects of individual, group or societal human behavior, including abnormalities, language, work, politics, lifestyle, and cultural expressions; applying judicial procedures in the practice of law; directing and working



XI. Leading & Influencing

through lower level supervisors to establish policies, set priorities, and render decisions in administering or managing activities of establishments and agencies; accounting and auditing activities and records; planning and managing programs and projects in agencies that provide people with services in such areas as education, health, welfare, and recreation; writing, editing, reporting, and translating information for distribution by radio, television, newspapers, publishing houses, etc; raising money, advertising products and

services, and influencing thoughts and actions of people; enforcing government regulations and company policies that affect the rights, health, safety, and finances of people; managing business establishments; negotiating contracts between buyers and sellers.

Worker traits included:

An interest in leading and influencing others by using high-level verbal or numerical abilities.

Skills and Abilities:

1. Applying advanced logic and scientific thinking to solve complex problems



XI. Leading & Influencing

2. Understanding symbolic language, computer technology, technical terms, charts and/or graphs in dealing with numerical and statistical data
3. Speak and write clearly and accurately
4. Use judgment and known facts to make decisions
5. Understand and apply basic teaching principles to specialized problems
6. Develop training materials
7. Use organized systems for acquiring and maintaining collections of books and materials
8. Apply research methods and theories to solve problems
9. Write understandable reports to communicate ideas and information
10. Understand, interpret, and apply legal vocabulary, procedures, principles, and laws
11. Analyze, apply and interpret mathematical information
12. Edit written materials
13. Draw sketches to illustrate ideas
14. Know and interpret regulations

Classroom Activities that foster the development of



XI. Leading & Influencing

necessary skills and abilities and allow for exploration within this work group may include:

- Become a peer tutor
- Write and give oral classroom presentations
- Explore leading and influencing career field
- Follow computer operation instructions
- Develop math and introduction to business skills
- Participate in economics class
- Perform public speaking/oral presentations
- Make publicity flyers/advertisements
- Proofread the school newsletter
- Study introduction to accounting/book-keeping
- Help in the school library
- Keep a journal for the writing portfolio
- Be on student/school council
- Invite managers, advertisers, Environmentalists to speak to class
- Write ads editorials, newspaper articles and portfolio piece
- Study U.S. Government Gain Contract Work



XI. Leading & Influencing

Experience in the Work Program

- Practice being appropriately persuasive in treatment team meetings
- Participate in group counseling
- Lead by example in group
- Volunteer to chair/lead camp council meetings
- Help plan recreational activities
- Keep books for athletic contests
- Emcee/announce a facility program or event
- Lead facility tours
- Present yourself appropriately in treatment team

- Participate in church services at facility

Other Successful Classroom Activities:



XII. Physical Performing

**Physical Performing:
Sports; Physical Feats**

acrobatics performed before an audience.

Occupations in this group involve:

Competing in professional athletic events; recruiting and coaching individual and groups; officiating games; performing solo or with a group such as a circus, carnival, or rodeo to entertain people by displaying unusual or daring acts of physical strength or skill.

Worker traits include:

An interest in physical activities such as sports or

Skills and Abilities

1. Know rules and specialty sport or game
2. Teach specialty to individuals and groups
3. Coordinate eyes, hands, body and foot movement skillfully
4. Demonstrate poise and confidence during a performance
5. Risk physical injury
6. Know and/or apply principles of mathematics
7. Develop extensive vocabulary
8. Perform basic principles of writing



XII. Physical Performing

- | | |
|---|--|
| <p>9. Memorizing movement</p> <p>10. Interpreting and or/writing instructions presented in oral, written, and/or graphic forms</p> <p>11. Using special skills in attending to needs of specific individuals or groups</p> <p>12. Use equipment and/or instruments and/or collect data</p> <p>13. Understand physical wellness impacts mental wellness</p> <p>14. Develop goals and plans to enhance performance for individual</p> <p>15. Groups</p> | <p>Activities that foster the development of necessary skills and abilities and allow for exploration within this work group may include:</p> <ul style="list-style-type: none">• Plan recreational activities• Participate in athletic events• Plan a healthy diet• Research and report the dangers associated with steroids• Learn rules of games and procedures• Explore activities in physical performance career field• Study the relationship of health to physical performance |
|---|--|



XII. Physical Performing

- Create fun games requiring physical activity
 - Learn to juggle
 - Use the Internet to research different sports
 - Study health related issues to different sports
 - Invite guest speakers to speak to class
 - Participate in intramural activities
 - Participate in recreational activities
 - Umpire or referee facility sports events
 - Maintain a healthy diet
 - Participate in an exercise program
 - Engage in competitive activities
 - Participate in intramural/competitive team sports
 - Learn and follow rules of different sports
 - Participate in talent show
 - Participate in school plays/skits
 - Participate in chores/work activities
- Facility and Community Activities** that allow for exploration within this work group and foster the development of a CAREER PATHWAY may include:
- Participate in Workplace Principles



XII. Physical Performing

**Other Successful
Faculty and Community
Activities:**



VIII. Selling

manufactured materials, industrial machinery, and equipment, securities, insurance, services, merchandise, advertising, and real estate; selling novelties, snacks, and other low-priced items in amusement or recreation areas

Worker traits include:

An interest in bringing others to a particular point of view by personal persuasion, using sales and promotional techniques

Skills and Abilities:

1. Application of knowledge of product to be sold

2. Discuss features of products or services to gain trust and
 3. confidence of potential buyers
 4. Compute costs, markups and profit margins
 5. Prepare sales contracts and purchase orders
 6. Find errors in figures or wording in sales documents
 7. Make change and compute percentages
 8. Record keeping
- .Talk easily and persuasively to people
.Be physically active and alert.



VIII. Selling

Activities that foster the development of necessary skills and abilities and allow for exploration within this work group may include:

- Learn functional math
- Give oral presentations using persuasion techniques
- Practice making change
- Sell horticulture products
- Study career field in sales and marketing
- Watch films on dealing with customers
- Practice record keeping
- Practice public speaking
- Create posters/advertisements for product

- Have a real estate person speak as well as car salesman
- Conduct bake sales
- Make a commercial, billboard, and write sales ads for the
 - newspaper
- Sell flowers from green house

Facility and Community Activities that allow for exploration within this work group and foster the development of a CAREER PATHWAY may include:

- Participate in Workplace Principles



VIII. Selling

- Learn and practice being appropriately persuasive during treatment teams, etc.
- Sell plants/vegetables from greenhouse or garden
- Participate in fundraisers
- Explain to public what plants they are purchasing
- Explore the different areas of selling
- Express one self clearly during treatment team
- Communicate positively with peers and staff
- Keep accurate records for work habits
- Keep accurate records for canteen
- Contract for different jobs and responsibilities
- Take notes at youth council meetings
- Make a price list for canteen
- Perform KP duties
- Inventory canteen
- Make an ad for sale items in canteen
- Advertise new items in canteen

Other Successful Facility and Community Activities:



V. Mechanical

Mechanical: Engineering; Managerial work; Mechanical; Engineering technology; Air and water vehicle operation; Craft technology; Systems operation; Quality control; Crafts; Land and water vehicle operation; Materials control; Equipment operation; Elemental work; Mechanical

Occupations in this group involve: Planning, designing and directing the building of structures; managing industrial plants or systems; collection, recording and coordination of technical information in such activities as surveying, drafting; transporting passengers and cargo by controlling movement of aircraft, ships, boats; performing highly skilled hand or machine operations utilizing special techniques; training and experience in constructions sites, machine shops, manufacturing and processing plants; operating and maintaining equipment associated with providing electrical, water, gas, telephone, etc. service to subscribers; inspecting and/or testing materials and products for conformance to established standards;



V. Mechanical

driving trucks, vans, automobiles, locomotives, ambulances, motorboats to move materials, deliver products, transport sick or injured people

Worker Traits include:

An interest in applying mechanical principles to practical situations by use of machines or hand tools.

Skills and Abilities:

1. Knowing and applying principles of mathematics, geometry and engineering
2. Forming mental images of objects or structures

3. Rendering drawings, designs and/or layouts
4. Using charts, blueprints and/or plans
5. Using numbers to plan budgets
6. Writing technical reports
7. Making decisions
8. Directing work of others
9. Reacting to emergencies
10. Making decisions and judgments affecting passenger safety
11. Calculate object dimensions, material amounts needed, and/or material costs
12. Use hand tools or machines to construct, make, or repair objects
13. Read meters, dials and



V. Mechanical

- gauges
14. Determine quality, grade, and workmanship
 15. Eye, hand and finger coordination

Activities that foster the development of necessary skills and abilities and allow for exploration within this work group may include:

- Do hands on projects
- Participate in maintenance
- and renovation of facility buildings
- Figure out number of nails and other materials needed for a job and cost

Facility and Community Activities that allow for exploration within this work group and foster the development of a CAREER PATHWAY may include:

- Participate in maintenance
 - and renovation of facility buildings, heating/air, electrical and plumbing systems
 - Strip, wax, and buff floors
- Use and assist in the maintenance of lawn equipment and machinery



V. Mechanical

- Contract with maintenance to do work projects
- Inventory stock
- Stock kitchen food
- Speakers

**Other Successful
Facility and Community
Activities:**



Notes