



# VocRehab Inc.

## Dictionary of Occupational Titles (DOT)

[www.VocRehab.com](http://www.VocRehab.com)  
800-365-5449

DOT in Searchable PDF

### Search Tips:

CTRL & F to search, or use your PDF readers menu.

The best way to search by DOT Number is to OMIT the punctuation and enter the search as all numbers.

You can search by any word, partial words or numbers.

**VocRehab Inc.**  
**Dictionary of Occupational Titles**  
**VocRehab.com**

---

**DOT # : 001.061-010 DOT Title : ARCHITECT**

**Census Code: 043 Title : ARCHITECTS**

**Industry Designation:** profess. & kin.

**Description:**

Researches, plans, designs, and administers building projects for clients, applying knowledge of design, construction procedures, zoning and building codes, and building materials: Consults with client to determine functional and spatial requirements of new structure or renovation, and prepares information regarding design, specifications, materials, color, equipment, estimated costs, and construction time. Plans layout of project and integrates engineering elements into unified design for client review and approval. Prepares scale drawings and contract documents for building contractors. Represents client in obtaining bids and awarding construction contracts. Administers construction contracts and conducts periodic on-site observation of work during construction to monitor compliance with plans. May prepare operating and maintenance manuals, studies, and reports. May use computer-assisted design software and equipment to prepare project designs and plans. May direct activities of workers engaged in preparing drawings and specification documents.

**Specific Vocational Preparation : 8** Over 4 years up to and including 10 years

**Strength :**  L

Light Work

Exerting up to 20 pounds of force occasionally, or up to 10 pounds of force frequently, or a negligible amount of force constantly to move objects. Physical demand requirements are in excess of those for Sedentary Work. Even though the weight lifted may be only a negligible amount, a job should be rated Light Work: (1) when it requires walking or standing to a significant degree; or (2) when it requires sitting most of the time but entails pushing or pulling of arm or leg controls; or (3) when the job requires working at a production rate pace entailing the constant pushing or pulling of materials even though the weight of those materials is negligible. NOTE: The constant stress and strain of maintaining a production rate pace, especially in an industrial setting, can be and is physically demanding of a worker even though the amount of force exerted is negligible.

Climbing :	<input type="checkbox"/> N	Balancing :	<input type="checkbox"/> N	Stooping :	<input type="checkbox"/> N	Kneeling :	<input type="checkbox"/> N	Crouching :	<input type="checkbox"/> N
Crawling :	<input type="checkbox"/> N	Reaching :	<input type="checkbox"/> O	Handling :	<input type="checkbox"/> O	Fingering :	<input type="checkbox"/> O	Feeling :	<input type="checkbox"/> N
Talking :	<input type="checkbox"/> F	Hearing :	<input type="checkbox"/> F	Taste/Smell:	<input type="checkbox"/> N	Near Acuity :	<input type="checkbox"/> F	Far Acuity :	<input type="checkbox"/> O
<b>PHYSICAL</b>	Depth Percep:	<input type="checkbox"/> F	Accomm :	<input type="checkbox"/> O	Color Vision :	<input type="checkbox"/> O	Field of Vision :	<input type="checkbox"/> N	

Weather :	<input type="checkbox"/> N	Wet/Humid :	<input type="checkbox"/> N	Atmospheric Conditions :	<input type="checkbox"/> N	High, Exp. Places :	<input type="checkbox"/> N	<b>Noise Levels:</b>
Cold :	<input type="checkbox"/> N	Noise :	<input type="checkbox"/> 3	Move, Mech. Parts :	<input type="checkbox"/> N	Radiation :	<input type="checkbox"/> N	1 Very Quiet
Hot :	<input type="checkbox"/> N	Vibration :	<input type="checkbox"/> N	Electric Shock :	<input type="checkbox"/> N	Explosives :	<input type="checkbox"/> N	2 Quiet
<b>ENVIRONMENTAL</b>		Tox. Caus. Chem. :	<input type="checkbox"/> N	Other E. Cond. :	<input type="checkbox"/> N			3 Moderate
								4 Loud
								5 Very Loud

<b>WORKER FUNCTIONS:</b>	<b>Data : 0</b>	<b>People : 6</b>	<b>Things : 1</b>
	Synthesizing	Speaking/Signaling	Precision Working

**Reasoning : 6** Apply principles of logical or scientific thinking to a wide range of intellectual and practical problems. Deal with nonverbal symbolism (formulas, scientific equations, graphs, musical notes, etc.) in its most difficult phases. Deal with a variety of abstract and concrete variables. Comprehend the most abstruse classes of concepts.

**VocRehab Inc.**  
**Dictionary of Occupational Titles**  
**VocRehab.com**

**Language : 6**

**READING:** Read literature, book and play reviews, scientific and technical journals, abstracts, financial reports, and legal documents.

**WRITING:** Write novels, plays, editorials, journals, speeches, manuals, critiques, poetry, and songs.

**SPEAKING:** Conversant in the theory, principles, and methods of effective and persuasive speaking, voice and diction, phonetics, and discussion and debate.

**Math : 6**

**ALGEBRA:** Work with exponents and logarithms, linear equations, quadratic equations, mathematical induction and binomial theorem, and permutations.

**CALCULUS:** Apply concepts of analytic geometry, differentiations, and integration of algebraic functions with applications.

**STATISTICS:** Apply mathematical operations to frequency distributions, reliability and validity of tests, normal curve, analysis of variance, correlation techniques, chi-square application and sampling theory, and factor analysis.

**GATB Scores**

**Scale**

General Learning :	G	1	Motor Coordination :	K	4
Verbal :	V	2	Finger Dexterity :	F	3
Numerical:	N	1	Manual Dexterity :	M	4
Spacial :	S	1	Eye-Hand Coordination:	E	5
Form Perception :	P	1	Color Discrimination:	C	3
Clerical Perception :	Q	3			

<b>1</b>	<b>0 to 10%</b> Extremely High Aptitude
<b>2</b>	<b>11 to 33%</b> High degree of Aptitude
<b>3</b>	<b>34 to 65%</b> Medium degree of Aptitude
<b>4</b>	<b>66 to 89%</b> Lower degree of Aptitude
<b>5</b>	<b>90 to 100%</b> Markedly low Aptitude

**Temperaments:**

- |             |  |
|-------------|--|
| 1: <b>D</b> | <b>D</b> DIRECTING, controlling, or planning activities of others.       |
|             | <b>R</b> Performing REPETITIVE or short-cycle work.                      |
| 2: <b>I</b> | <b>I</b> INFLUENCING people in their opinions, attitudes, and judgments. |
|             | <b>V</b> Performing a VARIETY of duties.                                 |
| 3: <b>V</b> | <b>E</b> EXPRESSING personal feelings.                                   |
|             | <b>A</b> Working ALONE or apart in physical isolation from others.       |
|             | <b>S</b> Performing effectively under STRESS.                            |
| 4: <b>T</b> | <b>T</b> Attaining precise set limits, TOLERANCES, and standards.        |
|             | <b>U</b> Working UNDER specific instructions.                            |
| 5: <b>J</b> | <b>P</b> Dealing with PEOPLE.  |
|             | <b>J</b> Making JUDGMENTS and decisions.                                 |

**VocRehab Inc.**  
**Dictionary of Occupational Titles**  
**VocRehab.com**

**DOT # : 001.061-014 DOT Title : ARCHITECT MARINE**

**Census Code: 058 Title : MARINE AND NAVAL ARCHITECTS**

**Industry Designation:** profess. & kin.

**Description:**

Designs and oversees construction and repair of marine craft and floating structures, such as ships, barges, tugs, dredges, submarines, torpedoes, floats, and buoys: Studies design proposals and specifications to establish basic characteristics of craft, such as size, weight, speed, propulsion, armament, cargo, displacement, draft, crew and passenger complements, and fresh or salt water service. Oversees construction and testing of prototype in model basin and develops sectional and waterline curves of hull to establish center of gravity, ideal hull form, and buoyancy and stability data. Designs complete hull and superstructure according to specifications and test data, in conformity with standards of safety, efficiency, and economy. Designs layout of craft interior including cargo space, passenger compartments, ladder wells, and elevators. Confers with MARINE ENGINEERS (profess. & kin.) to establish arrangement of boiler room equipment and propulsion machinery, heating and ventilating systems, refrigeration equipment, piping, and other functional equipment. Evaluates performance of craft during dock and sea trials to determine design changes and conformance with national and international standards.

**Specific Vocational Preparation : 9** Over 10 years

**Strength :**  L

Light Work

Exerting up to 20 pounds of force occasionally, or up to 10 pounds of force frequently, or a negligible amount of force constantly to move objects. Physical demand requirements are in excess of those for Sedentary Work. Even though the weight lifted may be only a negligible amount, a job should be rated Light Work: (1) when it requires walking or standing to a significant degree; or (2) when it requires sitting most of the time but entails pushing or pulling of arm or leg controls; or (3) when the job requires working at a production rate pace entailing the constant pushing or pulling of materials even though the weight of those materials is negligible. NOTE: The constant stress and strain of maintaining a production rate pace, especially in an industrial setting, can be and is physically demanding of a worker even though the amount of force exerted is negligible.

Climbing :	<input type="checkbox"/> N	Balancing :	<input type="checkbox"/> N	Stooping :	<input type="checkbox"/> N	Kneeling :	<input type="checkbox"/> N	Crouching :	<input type="checkbox"/> N
Crawling :	<input type="checkbox"/> N	Reaching :	<input type="checkbox"/> F	Handling :	<input type="checkbox"/> F	Fingering :	<input type="checkbox"/> N	Feeling :	<input type="checkbox"/> N
Talking :	<input type="checkbox"/> F	Hearing :	<input type="checkbox"/> F	Taste/Smell :	<input type="checkbox"/> N	Near Acuity :	<input type="checkbox"/> F	Far Acuity :	<input type="checkbox"/> N
<b>PHYSICAL</b>	Depth Percep :	<input type="checkbox"/> F	Accomm :	<input type="checkbox"/> N	Color Vision :	<input type="checkbox"/> O	Field of Vision :	<input type="checkbox"/> N	

Weather :	<input type="checkbox"/> N	Wet/Humid :	<input type="checkbox"/> N	Atmospheric Conditions :	<input type="checkbox"/> N	High, Exp. Places :	<input type="checkbox"/> N	<b>Noise Levels:</b>
Cold :	<input type="checkbox"/> N	Noise :	<input type="checkbox"/> 3	Move, Mech. Parts :	<input type="checkbox"/> N	Radiation :	<input type="checkbox"/> N	1 Very Quiet
Hot :	<input type="checkbox"/> N	Vibration :	<input type="checkbox"/> N	Electric Shock :	<input type="checkbox"/> N	Explosives :	<input type="checkbox"/> N	2 Quiet
<b>ENVIRONMENTAL</b>	Tox. Caus. Chem. :	<input type="checkbox"/> N	Other E. Cond. :	<input type="checkbox"/> N			3 Moderate	
							4 Loud	
							5 Very Loud	

<b>WORKER FUNCTIONS:</b>	<b>Data : 0</b>	<b>People : 6</b>	<b>Things : 1</b>
	Synthesizing	Speaking/Signaling	Precision Working

**Reasoning : 6** Apply principles of logical or scientific thinking to a wide range of intellectual and practical problems. Deal with nonverbal symbolism (formulas, scientific equations, graphs, musical notes, etc.) in its most difficult phases. Deal with a variety of abstract and concrete variables. Comprehend the most abstruse classes of concepts.

**VocRehab Inc.**  
**Dictionary of Occupational Titles**  
**VocRehab.com**

**Language : 6**

**READING:** Read literature, book and play reviews, scientific and technical journals, abstracts, financial reports, and legal documents.

**WRITING:** Write novels, plays, editorials, journals, speeches, manuals, critiques, poetry, and songs.

**SPEAKING:** Conversant in the theory, principles, and methods of effective and persuasive speaking, voice and diction, phonetics, and discussion and debate.

**Math : 6**

**ALGEBRA:** Work with exponents and logarithms, linear equations, quadratic equations, mathematical induction and binomial theorem, and permutations.

**CALCULUS:** Apply concepts of analytic geometry, differentiations, and integration of algebraic functions with applications.

**STATISTICS:** Apply mathematical operations to frequency distributions, reliability and validity of tests, normal curve, analysis of variance, correlation techniques, chi-square application and sampling theory, and factor analysis.

**GATB Scores**

**Scale**

General Learning :	G	1	Motor Coordination :	K	4
Verbal :	V	2	Finger Dexterity :	F	3
Numerical:	N	1	Manual Dexterity :	M	4
Spacial :	S	1	Eye-Hand Coordination:	E	5
Form Perception :	P	1	Color Discrimination:	C	3
Clerical Perception :	Q	3			

<b>1</b>	<b>0 to 10%</b> Extremely High Aptitude
<b>2</b>	<b>11 to 33%</b> High degree of Aptitude
<b>3</b>	<b>34 to 65%</b> Medium degree of Aptitude
<b>4</b>	<b>66 to 89%</b> Lower degree of Aptitude
<b>5</b>	<b>90 to 100%</b> Markedly low Aptitude

- Temperaments:**
- 1:  **V** **D** DIRECTING, controlling, or planning activities of others.  
**R** Performing REPETITIVE or short-cycle work.
  - 2:  **D** **I** INFLUENCING people in their opinions, attitudes, and judgments.  
**V** Performing a VARIETY of duties.
  - 3:  **J** **E** EXPRESSING personal feelings.  
**A** Working ALONE or apart in physical isolation from others.  
**S** Performing effectively under STRESS.
  - 4:  **T** **T** Attaining precise set limits, TOLERANCES, and standards.  
**U** Working UNDER specific instructions.
  - 5:  **P** Dealing with PEOPLE.  
**J** Making JUDGMENTS and decisions.

**VocRehab Inc.**  
**Dictionary of Occupational Titles**  
**VocRehab.com**

**DOT # : 001.061-018 DOT Title : LANDSCAPE ARCHITECT**

**Census Code: 043 Title : ARCHITECTS**

**Industry Designation:** profess. & kin.

**Description:**

Plans and designs development of land areas for projects, such as parks and other recreational facilities, airports, highways, and parkways, hospitals, schools, land subdivisions, and commercial, industrial, and residential sites: Confers with clients, engineering personnel, and ARCHITECTS (profess. & kin.) on overall program. Compiles and analyzes data on such site conditions as geographic location; soil, vegetation, and rock features; drainage; and location of structures for preparation of environmental impact report and development of landscaping plans. Prepares site plans, working drawings, specifications, and cost estimates for land development, showing ground contours, vegetation, locations of structures, and such facilities as roads, walks, parking areas, fences, walls, and utilities, coordinating arrangement of existing and proposed land features and structures. Inspects construction work in progress to ensure compliance with landscape specifications, to approve quality of materials and work, and to advise client and construction personnel on landscape features. May be designated according to project as Highway-Landscape Architect (profess. & kin.); Park-Landscape Architect (profess. & kin.).

**Specific Vocational Preparation : 8** Over 4 years up to and including 10 years

**Strength :**  L

Light Work

Exerting up to 20 pounds of force occasionally, or up to 10 pounds of force frequently, or a negligible amount of force constantly to move objects. Physical demand requirements are in excess of those for Sedentary Work. Even though the weight lifted may be only a negligible amount, a job should be rated Light Work: (1) when it requires walking or standing to a significant degree; or (2) when it requires sitting most of the time but entails pushing or pulling of arm or leg controls; or (3) when the job requires working at a production rate pace entailing the constant pushing or pulling of materials even though the weight of those materials is negligible. NOTE: The constant stress and strain of maintaining a production rate pace, especially in an industrial setting, can be and is physically demanding of a worker even though the amount of force exerted is negligible.

Climbing :	<input type="checkbox"/> O	Balancing :	<input type="checkbox"/> O	Stooping :	<input type="checkbox"/> O	Kneeling :	<input type="checkbox"/> O	Crouching :	<input type="checkbox"/> O
Crawling :	<input type="checkbox"/> N	Reaching :	<input type="checkbox"/> F	Handling :	<input type="checkbox"/> F	Fingering :	<input type="checkbox"/> O	Feeling :	<input type="checkbox"/> N
Talking :	<input type="checkbox"/> F	Hearing :	<input type="checkbox"/> F	Taste/Smell:	<input type="checkbox"/> N	Near Acuity :	<input type="checkbox"/> F	Far Acuity :	<input type="checkbox"/> N
<b>PHYSICAL</b>	Depth Percep:	<input type="checkbox"/> F	Accomm :	<input type="checkbox"/> F	Color Vision :	<input type="checkbox"/> O	Field of Vision :	<input type="checkbox"/> N	

Weather :	<input type="checkbox"/> O	Wet/Humid :	<input type="checkbox"/> N	Atmospheric Conditions :	<input type="checkbox"/> N	High, Exp. Places :	<input type="checkbox"/> N	<b>Noise Levels:</b>
Cold :	<input type="checkbox"/> N	Noise :	<input type="checkbox"/> 2	Move, Mech. Parts :	<input type="checkbox"/> N	Radiation :	<input type="checkbox"/> N	1 Very Quiet
Hot :	<input type="checkbox"/> N	Vibration :	<input type="checkbox"/> N	Electric Shock :	<input type="checkbox"/> N	Explosives :	<input type="checkbox"/> N	2 Quiet
<b>ENVIRONMENTAL</b>		Tox. Caus. Chem. :	<input type="checkbox"/> N	Other E. Cond. :	<input type="checkbox"/> N			3 Moderate
								4 Loud
								5 Very Loud

<b>WORKER FUNCTIONS:</b>	<b>Data : 0</b>	<b>People : 6</b>	<b>Things : 1</b>
	Synthesizing	Speaking/Signaling	Precision Working

**Reasoning : 5** Apply principles of logical or scientific thinking to define problems, collect data, establish facts, and draw valid conclusions. Interpret an extensive variety of technical instructions in mathematical or diagrammatic form. Deal with several abstract and concrete variables.

**VocRehab Inc.**  
**Dictionary of Occupational Titles**  
**VocRehab.com**

**Language : 5**

**READING:** Read literature, book and play reviews, scientific and technical journals, abstracts, financial reports, and legal documents.

**WRITING:** Write novels, plays, editorials, journals, speeches, manuals, critiques, poetry, and songs.

**SPEAKING:** Conversant in the theory, principles, and methods of effective and persuasive speaking, voice and diction, phonetics, and discussion and debate.

**Math : 5**

**ALGEBRA:** Work with exponents and logarithms, linear equations, quadratic equations, mathematical induction and binomial theorem, and permutations.

**CALCULUS:** Apply concepts of analytic geometry, differentiations, and integration of algebraic functions with applications.

**STATISTICS:** Apply mathematical operations to frequency distributions, reliability and validity of tests, normal curve, analysis of variance, correlation techniques, chi-square application and sampling theory, and factor analysis.

**GATB Scores**

**Scale**

General Learning :	G	1	Motor Coordination :	K	4
Verbal :	V	2	Finger Dexterity :	F	3
Numerical:	N	1	Manual Dexterity :	M	4
Spacial :	S	1	Eye-Hand Coordination:	E	5
Form Perception :	P	1	Color Discrimination:	C	3
Clerical Perception :	Q	3			

<b>1</b>	<b>0 to 10%</b> Extremely High Aptitude
<b>2</b>	<b>11 to 33%</b> High degree of Aptitude
<b>3</b>	<b>34 to 65%</b> Medium degree of Aptitude
<b>4</b>	<b>66 to 89%</b> Lower degree of Aptitude
<b>5</b>	<b>90 to 100%</b> Markedly low Aptitude

**Temperaments:**

- |  |  |
|--|--|
| 1: <input checked="" type="checkbox"/> | <b>D</b> DIRECTING, controlling, or planning activities of others.       |
|  | <b>R</b> Performing REPETITIVE or short-cycle work.                      |
| 2: <input checked="" type="checkbox"/> | <b>J</b> INFLUENCING people in their opinions, attitudes, and judgments. |
|  | <b>V</b> Performing a VARIETY of duties.                                 |
| 3: <input checked="" type="checkbox"/> | <b>E</b> EXPRESSING personal feelings.                                   |
|  | <b>A</b> Working ALONE or apart in physical isolation from others.       |
|  | <b>S</b> Performing effectively under STRESS.                            |
| 4: <input type="checkbox"/>            | <b>T</b> Attaining precise set limits, TOLERANCES, and standards.        |
|  | <b>U</b> Working UNDER specific instructions.                            |
| 5: <input type="checkbox"/>            | <b>P</b> Dealing with PEOPLE.  |
|  | <b>J</b> Making JUDGMENTS and decisions.                                 |

**VocRehab Inc.**  
**Dictionary of Occupational Titles**  
**VocRehab.com**

**DOT # : 001.167-010 DOT Title : SCHOOL PLANT CONSULTANT**

**Census Code: 043 Title : ARCHITECTS**

**Industry Designation:** education

**Description:**

Formulates and enforces standards for construction and alteration of public school facilities throughout state: Develops legislation relative to school building sites and school design and construction. Guides school districts in development of long range comprehensive master plans, including such factors as site selection and expected population growth and mobility, and school finance and specifications. Coordinates activities, jurisdictions, and responsibilities of adjacent school districts and evaluates entire systems of schools. Provides technical information and advice to local school authorities considering construction or renovation of school plant. Inspects proposed sites and schools under construction or undergoing alteration to enforce applicable standards. Prepares suggested classroom plans and layouts, taking into consideration such factors as climate, construction costs, availability of materials, and accepted principles of institutional construction. Reviews plans for construction and renovation of school buildings and approves or disapproves plans in accordance with standards and policies of department. Confers with representatives of school boards, educators, and architects to explain and reach agreement on design concepts and construction standards. Arbitrates difficult and unusual construction disputes. Conducts special research studies concerned with lighting, heating, ventilation, air-conditioning, and acoustics. Prepares reports for state education department and state legislature.

**Specific Vocational Preparation : 6** Over 1 year up to and including 2 years

**Strength :**  S

Sedentary Work

Exerting up to 10 pounds of force occasionally or a negligible amount of force frequently to lift, carry, push, pull, or otherwise move objects, including the human body. Sedentary work involves sitting most of the time, but may involve walking or standing for brief periods of time. Jobs are Sedentary if walking and standing are required only occasionally and all other Sedentary criteria are met.

Climbing :	<input type="checkbox"/> N	Balancing :	<input type="checkbox"/> N	Stooping :	<input type="checkbox"/> N	Kneeling :	<input type="checkbox"/> N	Crouching :	<input type="checkbox"/> N
Crawling :	<input type="checkbox"/> N	Reaching :	<input type="checkbox"/> O	Handling :	<input type="checkbox"/> O	Fingering :	<input type="checkbox"/> N	Feeling :	<input type="checkbox"/> N
Talking :	<input type="checkbox"/> F	Hearing :	<input type="checkbox"/> F	Taste/Smell:	<input type="checkbox"/> N	Near Acuity :	<input type="checkbox"/> F	Far Acuity :	<input type="checkbox"/> N
<b>PHYSICAL</b>	Depth Percep:	<input type="checkbox"/> O	Accomm :	<input type="checkbox"/> N	Color Vision :	<input type="checkbox"/> O	Field of Vision :	<input type="checkbox"/> N	

Weather :	<input type="checkbox"/> N	Wet/Humid :	<input type="checkbox"/> N	Atmospheric Conditions :	<input type="checkbox"/> N	High, Exp. Places :	<input type="checkbox"/> N	<b>Noise Levels:</b>
Cold :	<input type="checkbox"/> N	Noise :	<input type="checkbox"/> 3	Move, Mech. Parts :	<input type="checkbox"/> N	Radiation :	<input type="checkbox"/> N	1 Very Quiet
Hot :	<input type="checkbox"/> N	Vibration :	<input type="checkbox"/> N	Electric Shock :	<input type="checkbox"/> N	Explosives :	<input type="checkbox"/> N	2 Quiet
<b>ENVIRONMENTAL</b>		Tox. Caus. Chem. :	<input type="checkbox"/> N	Other E. Cond. :	<input type="checkbox"/> N			3 Moderate
								4 Loud
								5 Very Loud

<b>WORKER FUNCTIONS:</b>	<b>Data : 1</b>	<b>People : 6</b>	<b>Things : 7</b>
	Coordinating	Speaking/Signaling	Handling

**Reasoning : 5** Apply principles of logical or scientific thinking to define problems, collect data, establish facts, and draw valid conclusions. Interpret an extensive variety of technical instructions in

**VocRehab Inc.**  
**Dictionary of Occupational Titles**  
**VocRehab.com**

**Language : 5**

**READING:** Read literature, book and play reviews, scientific and technical journals, abstracts, financial reports, and legal documents.

**WRITING:** Write novels, plays, editorials, journals, speeches, manuals, critiques, poetry, and songs.

**SPEAKING:** Conversant in the theory, principles, and methods of effective and persuasive speaking, voice and diction, phonetics, and discussion and debate.

**Math : 5**

**ALGEBRA:** Work with exponents and logarithms, linear equations, quadratic equations, mathematical induction and binomial theorem, and permutations.

**CALCULUS:** Apply concepts of analytic geometry, differentiations, and integration of algebraic functions with applications.

**STATISTICS:** Apply mathematical operations to frequency distributions, reliability and validity of tests, normal curve, analysis of variance, correlation techniques, chi-square application and sampling theory, and factor analysis.

**GATB Scores**

**Scale**

General Learning :	G	1	Motor Coordination :	K	4
Verbal :	V	2	Finger Dexterity :	F	3
Numerical:	N	1	Manual Dexterity :	M	4
Spacial :	S	1	Eye-Hand Coordination:	E	5
Form Perception :	P	1	Color Discrimination:	C	3
Clerical Perception :	Q	3			

<b>1</b>	<b>0 to 10%</b> Extremely High Aptitude
<b>2</b>	<b>11 to 33%</b> High degree of Aptitude
<b>3</b>	<b>34 to 65%</b> Medium degree of Aptitude
<b>4</b>	<b>66 to 89%</b> Lower degree of Aptitude
<b>5</b>	<b>90 to 100%</b> Markedly low Aptitude

- Temperaments:**
- 1:  **P** **D** DIRECTING, controlling, or planning activities of others.
  - 2:  **J** **R** Performing REPETITIVE or short-cycle work.
  - 3:  **I** INFLUENCING people in their opinions, attitudes, and judgments.
  - 4:  **V** Performing a VARIETY of duties.
  - 5:  **E** EXPRESSING personal feelings.
  - 6:  **A** Working ALONE or apart in physical isolation from others.
  - 7:  **S** Performing effectively under STRESS.
  - 8:  **T** Attaining precise set limits, TOLERANCES, and standards.
  - 9:  **U** Working UNDER specific instructions.
  - 10:  **P** Dealing with PEOPLE.
  - 11:  **J** Making JUDGMENTS and decisions.

**VocRehab Inc.**  
**Dictionary of Occupational Titles**  
**VocRehab.com**

**DOT # : 001.261-010 DOT Title : DRAFTER ARCHITECTURAL**

**Census Code: 217 Title : DRAFTING OCCUPATIONS**

**Industry Designation:** profess. & kin.

**Description:**

Prepares detailed drawings of architectural designs and plans for buildings, according to specifications, sketches, and rough drafts provided by ARCHITECT (profess. & kin.) 001.061-010: Draws rough and detailed sketches, drawings, and plans to scale [DRAFTER (profess. & kin.) Master Title].

**Specific Vocational Preparation : 7** Over 2 years up to and including 4 years

**Strength :**  S

Sedentary Work

Exerting up to 10 pounds of force occasionally or a negligible amount of force frequently to lift, carry, push, pull, or otherwise move objects, including the human body. Sedentary work involves sitting most of the time, but may involve walking or standing for brief periods of time. Jobs are Sedentary if walking and standing are required only occasionally and all other Sedentary criteria are met.

Climbing :	<input type="checkbox"/> N	Balancing :	<input type="checkbox"/> N	Stooping :	<input type="checkbox"/> N	Kneeling :	<input type="checkbox"/> N	Crouching :	<input type="checkbox"/> N
Crawling :	<input type="checkbox"/> N	Reaching :	<input type="checkbox"/> C	Handling :	<input type="checkbox"/> C	Fingering :	<input type="checkbox"/> C	Feeling :	<input type="checkbox"/> N
Talking :	<input type="checkbox"/> O	Hearing :	<input type="checkbox"/> O	Taste/Smell :	<input type="checkbox"/> N	Near Acuity :	<input type="checkbox"/> C	Far Acuity :	<input type="checkbox"/> N
<b>PHYSICAL</b>	Depth Percep :	<input type="checkbox"/> F	Accomm :	<input type="checkbox"/> N	Color Vision :	<input type="checkbox"/> O	Field of Vision :	<input type="checkbox"/> N	

Weather :	<input type="checkbox"/> N	Wet/Humid :	<input type="checkbox"/> N	Atmospheric Conditions :	<input type="checkbox"/> N	High, Exp. Places :	<input type="checkbox"/> N	<b>Noise Levels:</b>
Cold :	<input type="checkbox"/> N	Noise :	<input type="checkbox"/> 2	Move, Mech. Parts :	<input type="checkbox"/> N	Radiation :	<input type="checkbox"/> N	1 Very Quiet
Hot :	<input type="checkbox"/> N	Vibration :	<input type="checkbox"/> N	Electric Shock :	<input type="checkbox"/> N	Explosives :	<input type="checkbox"/> N	2 Quiet
<b>ENVIRONMENTAL</b>	Tox. Caus. Chem. :	<input type="checkbox"/> N	Other E. Cond. :	<input type="checkbox"/> N				3 Moderate
								4 Loud
								5 Very Loud

<b>WORKER FUNCTIONS:</b>	<b>Data : 2</b>	<b>People : 6</b>	<b>Things : 1</b>
	Analyzing	Speaking/Signaling	Precision Working

**Reasoning : 4** Apply principles of rational systems to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Interpret a variety of instructions furnished in written, oral, diagrammatic, or schedule form.

**Language : 4**

**READING:** Read novels, poems, newspapers, periodicals, journals, manuals, dictionaries, thesauruses, and encyclopedias.

**WRITING:** Prepare business letters, expositions, summaries, and reports, using prescribed format and conforming to all rules of punctuation, grammar, diction, and style.

**SPEAKING:** Participate in panel discussions, dramatizations, and debates. Speak extemporaneously on a variety of subjects.