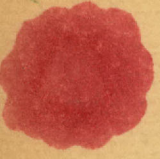


B250.5  
L6160ca  
1980



REFERENCE



Government Documents

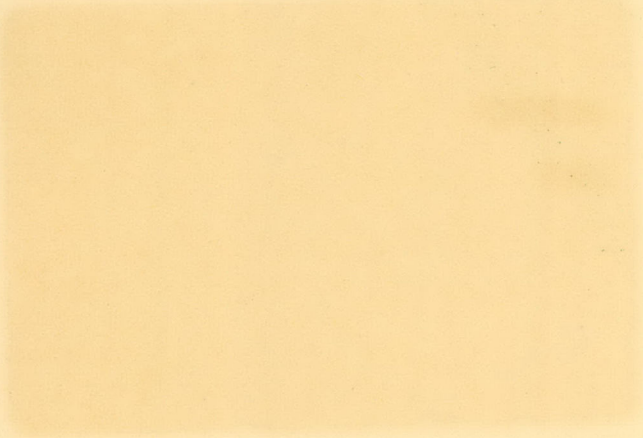
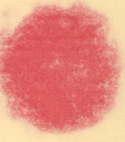
NOV 18 1980

Dallas Public Library

# Directory of Licensed Occupations and Apprenticeship Programs in Texas

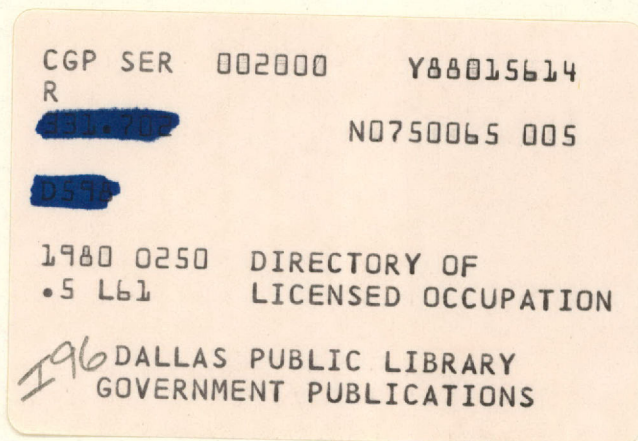
R  
GOVERNMENT  
PUBLICATIONS

1980 02  
50.5 L6  
1



X89128235

# Directory of Licensed Occupations and Apprenticeship Programs in Texas



Published by  
Information Services Division  
Texas State Library  
for the  
Texas State Occupational Information  
Coordinating Committee

September, 1980

Texas SOICC  
TEC Building  
12th & Trinity Sts.  
Austin, Texas 78778

# INTRODUCTION

---

---

The information in this Directory was taken from materials supplied by each of the licensing agencies and occupational or professional associations, as well as from examination of the appropriate Texas statutes and regulations. Employment figures and projections were taken, when available, from the TEC publication, Job Scene 1985. Salary information was obtained, when possible, from the licensing agency or the association. In some cases, salary information was acquired from the placement office of the school or college offering the courses needed for licensing. When only national figures could be found, these were supplied by the national association for the respective profession or occupation.

This Directory provides up-to-date, minimum requirements for licensed professions and occupations in Texas. It is hoped that it will be useful to students, counselors, and others who are looking for current, accurate guidance in making career choices.

The information on apprenticeship was obtained largely from conversations with Carrol Foren, Director of the State Office for the Bureau of Apprenticeship and Training, and Dan Lowe, Coordinator of the Apprenticeship and Training Advisory Committee. This section will familiarize users with the rapidly developing area of apprenticeship training. The data, names, addresses, and telephone numbers provide a starting point for discovering what programs are available in the State.

It is hoped that this Directory will be re-published in a timely manner to insure its accuracy.

The authors, Bonnie Grobar and Carol Rogus, wish to thank the licensing agencies for their cooperation and the professional and occupational associations for their assistance in producing this Directory.

CGP 88015614 R  
1980 0250.5 L61



# CONTENTS

---

---

Accountant, Certified Public .....	1
Architect .....	3
Assessor .....	5
Athletic Trainer .....	7
Attorney .....	9
Auctioneer .....	11
Barber .....	13
Boxing Promoter .....	75
Chiropractor .....	15
Cosmetologist .....	17
Dental Hygienist .....	19
Dental Technician .....	75
Dentist .....	21
Engineer, Professional .....	23
Hearing Aid Dispenser .....	25
Insurance Adjuster .....	27
Insurance Agent .....	29
Interpreter for the Deaf .....	75
Irrigator .....	76
Land Surveyor .....	31
Landscape Architect .....	33
Librarian, County .....	35
Mortician/Embalmer .....	37
Nurse, Licensed Vocational .....	39
Nurse, Registered .....	41
Nursing Home Administrator .....	43
Optometrist .....	45
Pesticide Applicator, Commercial .....	76
Pharmacist .....	47
Physical Therapist .....	49
Physician .....	51
Plumber .....	53
Podiatrist .....	55
Polygraph Examiner .....	57
Private Investigator .....	59
Psychologist .....	61
Public Weigher .....	76
Real Estate Broker/Sales .....	63
Sanitarian .....	65
Securities Dealer .....	67
Social Psychotherapist .....	69
Teacher .....	71
Veterinarian .....	73
Apprenticeship in Texas .....	77
Printed Sources .....	79

# ACCOUNTANT, CERTIFIED PUBLIC

D.O.T. 160.167

## Job Description

Accountants compile, analyze, and prepare financial reports for individuals and businesses. They specialize in auditing, tax accounting, management counseling, or budgeting and control. General accountants may devise budget and cost systems, maintain records, and balance the books. Auditors examine bookkeeping records of clients for accuracy and completeness. Tax accountants prepare tax returns for individuals, businesses or corporations, and may analyze the effects of taxes on the operation. Other related positions for accountants are as internal revenue agents or investigators, and bank examiners.

## Job Requirements

- \* ability to work independently
- \* ability to think logically
- \* precision

## License Requirements (VACS Article 41a)

- \* United States citizenship, or maintain permanent legal residence in Texas for 6 months, or reside in Texas for 90 days
- \* at least 18 years of age
- \* good moral character
- \* specialized education and training

## Examination

- \* accounting theory and practice
- \* commercial law
- \* auditing

## Restrictions on Licensing

- \* dishonesty, fraud, or gross negligence
- \* conviction of a felony or any crime involving dishonesty or fraud
- \* fraud or deceit in obtaining certification

## Fees

- \* \$75.00 for examination
- \* \$60.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Public Accountancy  
3301 Northland Drive, Suite 500  
Austin, Texas 78731  
512/451-0241



## Education/Training

- \* 60 semester hours plus six years experience in accountancy; or
- \* baccalaureate degree with major in accounting, or equivalent, plus two years experience in accountancy; or
- \* master's degree in accounting or business administration, plus one year of experience in accountancy

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

## Working Conditions

- \* occasional long hours and overtime
- \* may work under deadlines
- \* may involve travel

## Career Opportunities/Employment Outlook

There are three major areas of specialization within the field of accountancy: public, management, and government. Public accountants own or work for independent accounting firms. Management accountants handle the financial records of their employers, usually large firms. Government accountants audit businesses and individuals whose financial affairs are subject to government regulations. Approximately 60% of all accountants are employed as management accountants. A small number are employed as teachers in colleges. Most accountants work in large urban areas where major industries are located.

The demand for accountants is expected to rise, due to the importance of accurate financial records needed by companies. Government legislation to monitor business activities will also add to the demand. In Texas, the outlook for accountants is fair. In 1978, 53,500 accountants were employed. The projected figure for 1985 is 61,500, for an increase of 15%.

Beginning salaries within Texas are averaging \$14,000 for college graduates.

For more information on a career in accountancy, CONTACT--

Texas Society of Certified Public Accountants  
1111 West Mockingbird Lane, Suite 201  
Dallas, Texas 75247  
214/630-8900

postsecondary schooling?	YES
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	FAIR

## Job Description

Architects provide professional design service to clients planning a building project. Their work includes everything from preliminary design to finished building. Architects are expected to know construction methods, engineering principles and practices, and materials selection. They work closely with clients and crews throughout all phases of construction. Buildings designed by architects range from industrial factories to private homes. They also may be involved in site selection, cost studies, and long range site planning. Specializations within the profession include landscape architecture, urban planning, and building appraisal.

## Job Requirements

- \* talent for design work
- \* creative mind
- \* understanding of business principles

## License Requirements (VACS Article 249a)

- \* United States citizenship
- \* at least 21 years of age
- \* good moral character
- \* specialized education and training

## Examination

- \* professional (for those with accredited professional degrees)
- \* qualifying (for those without accredited professional degrees)
- \* graphic design/site problem (for all candidates)

## Restrictions on Licensing

- \* violation of registration law
- \* gross incompetence in the practice of architecture
- \* recklessness in construction

## Fees

- \* \$90.00 for examination
- \* \$10.00 for application
- \* \$50.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas Board of Architectural Examiners  
5555 North Lamar, Building H-117  
Austin, Texas 78751  
512/458-1363

## Education/Training

- \* professional degree in architecture, plus
- \* three years experience in the office of a registered architect; or
- \* combination of 8 years experience and education

For a listing of schools, CONTACT--  
Texas Board of Architectural Examiners

## Working Conditions

- \* outdoor site visitations
- \* travel may be required

## Career Opportunities/Employment Outlook

Beginning architects usually work as junior drafters in architectural firms. After a few years of experience, they may advance to senior drafter or supervisory positions. Architects may also work as designers, contract administrators, or specification writers. Approximately one-half of all architects are self-employed. The remaining are employed by private or governmental organizations. Most architects are located in large cities.

The employment outlook for architects is fair nationally, with better opportunities in areas with increased construction, such as the South. In Texas, the projected increase in average annual employment for architects is expected to be 41%, from 7,000 in 1978 to 9,900 in 1985. Architects specializing in urban redevelopment will find increased opportunity for employment in large cities.

Salaries of beginning architects in Texas range from \$11,000 to \$16,000.

For more information on a career in architecture, CONTACT--

Texas Society of Architects  
2121 Austin National Bank Tower  
Austin, Texas 78702  
512/478-7386

postsecondary schooling?	YES, 4-5 years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	GOOD

## Job Description

Assessors are elected or appointed officials who determine the value of real or personal property for tax purposes in accordance with prescribed schedules. They inspect property, taking into consideration factors such as replacement costs and current market value. Assessors then compute the tax levy, documenting the findings with a written report.

## Job Requirements

- \* mathematical ability
- \* ability to work independently
- \* attention to detail
- \* good judgmental ability

## License Requirements (VACS Article 7244b)

### Registration

- \* election or appointment to position
- \* Texas resident
- \* good moral character
- \* recommendation of 3 persons, one of whom is a practicing assessor
- \* examination for minimum qualifications

### Certification

- \* at least 25 years of age
- \* 5 years of assessing experience
- \* specialized education and/or training

### Examination

- \* knowledge of real and personal property values
- \* written appraisal report (for certification)

### Restrictions on Licensing

- \* violation of the Assessor's Code of Ethics
- \* any practice bringing discredit on the assessing profession
- \* accepting remuneration other than official salary

### Fees

- \* \$30.00 for application for registration
- \* \$20.00 for annual renewal

For more information on licensing requirements, CONTACT--

Board of Tax Assessor Examiners  
3301 Northland Drive  
Austin, Texas 78731  
512/454-9697

## Education/Training

### Certification

- \* two years of education above high school level
- \* one year of in-service training

For a listing of in-service training courses, CONTACT--

Board of Tax Assessor Examiners

## Working Conditions

- \* may involve travel
- \* may work odd hours

## Career Opportunities/Employment Outlook

Assessors are elected or appointed officials employed by governmental units such as counties, municipalities, or school districts. They often begin as deputy or assistant assessors to gain knowledge of the profession. A related field includes appraising, which is valuation of property for a purpose, usually commercial, other than taxation. Appraisors also work for private firms or corporations.

The outlook for assessors in Texas is competitive. In 1978, the number of assessors employed was 3,200. The expected increase for 1985 is 100. The percentage of growth, therefore, is only 3%.

Salaries for assessors vary greatly, depending upon the size of the district in which the assessors work. Appraisors usually are paid a salary plus expenses.

For more information on a career as an assessor, CONTACT--

Texas Association of Assessing Officers  
812 San Antonio  
Austin, Texas 78701  
512/475-5527

postsecondary schooling?	YES, for certification
minimum age requirement?	YES, 25 for certification
examination required?	YES
employment outlook?	COMPETITIVE

## Job Description

Athletic trainers have the responsibility of maintaining the maximum physical fitness of their athletes. They use various methods of treatment including diet, exercise, massage, heat, light, and cold. Under the supervision of the team physician, athletic trainers may treat chronic minor injuries and administer first aid when needed. They understand the interaction of muscles within the body, and apply this knowledge to the treatment of injuries incurred.

## Job Requirements

- \* manual dexterity
- \* physical stamina
- \* understanding and sympathy
- \* tact and resourcefulness

## License Requirements (VACS Article 4512d)

- \* specialized education and/or training

## Examination

- \* written
- \* practical
- \* transcripts may be required

## Restrictions on Licensing

- \* conviction of a felony
- \* violation of registration law
- \* license fraudulently obtained

## Fees

- \* \$20.00 for examination
- \* \$25.00 for license
- \* \$10.00 for annual renewal

For more information on licensing requirements, CONTACT--

Board of Athletic Trainers  
1100 West 49th Street  
Austin, Texas 78756  
512/458-7538

## Education/Training

- \* four years of study at an accredited institution, either in athletic training or physical therapy; or
- \* three years of apprenticeship training under the supervision of a licensed athletic trainer, while an undergraduate or graduate student in college

For a listing of schools, CONTACT--  
Board of Athletic Trainers

## Working Conditions

- \* may work irregular hours
- \* can work indoors or outdoors

## Career Opportunities/Employment Outlook

Athletic trainers are usually employed by school districts, colleges, and universities. Some may work for private athletic clubs or organizations. They may be instructors teaching physical education or related subjects as well as trainers. There may be a greater need for athletic trainers in a larger community, or a college town, than in a rural district. Cities with professional sports franchises may employ athletic trainers.

The outlook for the profession in Texas is good, since more emphasis is being placed on the health of athletes involved in contact sports.

If employed by a school district in Texas, the salary for beginning trainers is around \$13,500.

For more information on a career as an athletic trainer, CONTACT--  
Southwest Texas Athletic Trainers Association  
c/o James Dodson  
Midland High School  
Midland, Texas 79701

postsecondary schooling?	YES, 4 years
minimum age requirement?	NO
examination required?	YES
employment outlook?	GOOD

## Job Description

Attorneys may be thought of as the link between the legal system and society. They interpret the laws pertaining to each individual's particular circumstance. Attorneys must be well-versed in current knowledge of law. They must be able to speak and write clearly and concisely of their views on cases. They also may write legal briefs and reports as a part of their duties. There are many specializations ranging from legal aid counselors to judgeships within the legal profession. The practice of law may be a steppingstone to a career in politics.

## Job Requirements

- \* ability to communicate effectively
- \* attention to detail
- \* ability to think logically

## License Requirements (VACS Articles 304 et. seq.)

- \* United States citizen
- \* Texas resident
- \* at least 18 years of age
- \* good moral character
- \* filing of Declaration of Intention to Study Law
- \* specialized education and/or training

## Examination

- \* written
- \* must file application to take Bar Examination

## Restrictions on Licensing

- \* conviction of a felony
- \* license fraudulently obtained
- \* failure to comply with rules of the Board

## Fees

- \* \$75.00 for examination
- \* \$75.00 for filing of Declaration of Intention to Study Law

For more information on licensing requirements, CONTACT--

Board of Law Examiners  
Post Office Box 12248/Capitol Station  
Austin, Texas 78711  
512/475-4325



## Education/Training

- \* 90 semester hours of pre-law training with at least a C average; and
- \* graduation from an accredited law school; or
- \* at least 52 semester hours acceptable towards a law degree and at least one year of study in the office of a qualified practicing lawyer

For a listing of schools, CONTACT--  
Board of Law Examiners

## Working Conditions

- \* long hours
- \* may work under pressure
- \* must continually update knowledge

## Career Opportunities/Employment Outlook

Beginning attorneys may work as assistant law clerks to experienced lawyers. After a few years of experience, attorneys may wish to specialize and enter private practice. Some may enter government service and possibly work into a career in politics. Attorneys with a number of years of experience may become judges. The best locations for beginning attorneys wanting to start private practice are small towns and suburban areas. Attorneys working in large corporations or government service usually locate in urban areas.

In 1978, the average annual employment for attorneys in Texas was 22,000. In 1985, this figure is projected to be 27,500, for an increase of 18%. Enrollment in law schools has increased also in the past ten years, which is expected to have an impact on job opportunities.

Depending on firm size and location, beginning salaries in Texas range from \$12,000 to \$30,000 per year.

For more information on a career in law, CONTACT--

State Bar of Texas  
Post Office Box 12487/Capitol Station  
Austin, Texas 78711  
512/475-1234

postsecondary schooling?	YES, 5-6 years
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	FAIR

## Job Description

Auctioneers are responsible for appraising and selling merchandise to the highest bidder. They itemize merchandise according to type and value, describe it to potential buyers, and determine a starting bid. By giving information and history about the article to be sold, auctioneers stimulate the audience to bid. They also may be responsible for writing an auction catalog or advertising copy.

## Job Requirements

- \* good communication skills
- \* public speaking ability
- \* ability to work independently
- \* knowledge of business practices

## License Requirements (VACS Article 8700)

- \* United States citizenship or legal alien
- \* at least 18 years of age
- \* specialized training

## Examination

- \* written or oral
- \* study materials furnished

## Restrictions on Licensing

- \* conviction of a felony
- \* misrepresentation in license application
- \* violation of the Business and Commerce Code

## Fees

- \* \$ 25.00 for examination
- \* \$100.00 for license
- \* \$100.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas Department of Labor and Standards  
Post Office Box 12157/Capitol Station  
Austin, Texas 78711  
512/475-4229

## Education/Training

- \* knowledge of the auction business and laws pertaining to it; or
- \* apprenticeship with a licensed auctioneer for one year and a participant in at least five auctions

## Working Conditions

- \* may work odd hours
- \* may involve some travel

## Career Opportunities/Employment Outlook

Auctioneers may sell different commodities, such as real estate, tobacco, grain, art, furniture, and livestock. They may choose auctioneering as a part-time or full-time occupation. Auctioneers usually work independently as opposed to partnerships. Depending on the commodity to be auctioned, work is available in almost every type of community.

The forecast for auctioneers in Texas is competitive. There is no projected increase in the number of positions available, as the average annual employment is expected to remain at 500 until 1985.

Salaries for auctioneers vary as the method of payment is usually a commission of the total sale earnings.

For more information on a career in auctioneering, CONTACT--

Texas Auctioneers Association  
707 North Robinson  
Waco, Texas 76706  
817/662-0500

postsecondary schooling?	NO
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	COMPETITIVE

## Job Description

Barbers cut, style, or color hair to each customer's preference. Other services performed by barbers include shaves, scalp treatments, and facials. They are skilled in the use of equipment such as scissors, razors, and clippers. Barbers must be conscious of the condition of their surroundings and tools, keeping them sterile at all times so that disease does not spread.

## Job Requirements

- \* understanding and patience when dealing with customers
- \* finger dexterity
- \* eye to hand coordination
- \* good physical stamina

## License Requirements (VACS Article 8407a)

- \* at least 16½ years of age
- \* specialized education and/or training

## Examination

- \* written
- \* practical demonstration

## Restrictions on Licensing

- \* practice by a person knowingly having an infectious or contagious disease
- \* fraudulent or deceptive advertising
- \* addiction to drugs or alcohol

## Fees

- \* \$10.00 for examination
- \* \$35.00 for biennial license renewal

For more information on licensing requirements, CONTACT--

State Board of Barber Examiners  
5555 North Lamar, Building H-111  
Austin, Texas 78751  
512/458-2241

## Education/Training

- \* 1500 hours in not less than nine months at a barbering school; and
- \* practical experience as a part of that training

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

## Working Conditions

- \* sanitary
- \* may work long hours
- \* constant standing

## Career Opportunities/Employment Outlook

Beginning barbers may start in established businesses to gain experience and customers. As experience and clientele are established, barbers may open independent shops. Barbers may specialize in areas such as manicuring, wig styling, or massaging. Some prefer to obtain a teacher's certificate and instruct at a barbering school. Although barber shops are found in almost every town, the greatest demand is in the more populous areas of the country.

The trend towards hair styling as opposed to personal grooming services has changed the direction of barbering. In 1978, annual employment of barbers in Texas was 12,500. This figure is expected to increase by only 2% to 12,800 in 1985. For those who are strictly barbers, the outlook is competitive.

Unless self-employed, barbers usually are paid on commission. The commission varies and is based on the total income the barber generates for the shop.

For more information on a career in barbering, CONTACT--

Barbers, Beauticians, and Allied Industries Association  
718 Brazos  
Austin, Texas 78701  
512/477-4496

postsecondary schooling?	YES
minimum age requirement?	YES, over 16½
examination required?	YES
employment outlook?	COMPETITIVE

## Job Description

Chiropractic medicine is concerned with the proper function of the nervous system as it relates to the body as a whole. A Doctor of Chiropractic medicine determines the alignment of the vertebrae of the human spine, and adjusts the vertebrae to correct any misalignment. Other treatments used may include heat, light, diet, water, exercise, and rest; but chiropractors are not permitted to prescribe drugs or use surgery to treat their patients. Chiropractors may take diagnostic X-rays as a part of their treatment methods, but Texas law prohibits the use of X-ray or radium therapy.

## Job Requirements

- \* keen sense of observation
- \* manual dexterity
- \* ability to work independently

## License Requirements (VACS Article 4521b)

- \* United States citizenship
- \* at least 21 years of age
- \* good moral character
- \* specialized education and training

## Examination

- \* written
- \* practical

A license may be granted without a written examination if a certificate from the National Board of Chiropractic Examiners is held.

## Restrictions on Licensing

- \* conviction of a felony or the procuring of an abortion
- \* grossly unprofessional conduct
- \* fraudulent, deceptive, or comparative advertising

## Fees

- \* \$ 50.00 for written and practical examination
- \* \$100.00 for certificate from NBCE and practical examination
- \* \$ 50.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas Board of Chiropractic Examiners  
5555 North Lamar, Building H-103  
Austin, Texas 78751  
512/453-1703

## Education/Training

- \* 60 semester hours of undergraduate college courses
- \* graduation from a bona fide reputable chiropractic school
- \* classroom and practical studies required as part of training

For a listing of schools, CONTACT--  
Texas Board of Chiropractic Examiners

## Working Conditions

- \* regular working hours
- \* may have private or group practice
- \* sanitary

## Career Opportunities/Employment Outlook

There are two areas of specialization within the field of chiropractic medicine. A Chiropractic Roentgenologist specializes in taking, processing, and interpreting diagnostic X-ray films, and a Chiropractic Orthopedist specializes in prevention of skeletal deformities. The majority of chiropractors are self-employed, and establish private practices. They may purchase an established practice or start out on their own. Some chiropractors return to the schools and teach or conduct research in their fields. Another option is to combine with other chiropractic doctors and form a clinic. Studies show that most chiropractors locate in small towns with populations of less than 50,000.

In 1978, the average annual employment of chiropractors in Texas was 1,100. By 1985, this figure is expected to increase by 18%, to 1,300. As the practice of chiropractic medicine gains wider acceptance by the public and insurance carriers, the employment outlook will continue to be favorable.

Beginning salaries for chiropractors in Texas range from \$25,000 to \$30,000.

For more information on a career in chiropractic medicine, CONTACT--

Texas Chiropractic Association  
815 Brazos, Suite 303  
Austin, Texas 78701  
512/476-1229

postsecondary schooling?	YES, 6 years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	FAIR

## Job Description

Cosmetologists provide personalized services designed to help people look attractive. This includes hairstyling, facials, manicures, and wig styling. They must be skilled in the use of various tools such as scissors, razors, hair dryers, and curling irons. Cosmetologists are familiar also with chemical preparations used in hair coloring, waving, and straightening. A cosmetologist should be able to advise patrons on the best hair style and treatment for them.

## Job Requirements

- \* finger dexterity
- \* sense of form and design
- \* physical stamina
- \* ability to deal with customers in a pleasant manner

## License Requirements (VACS Article 8451a)

- \* at least 16 years of age
- \* specialized education and/or training

## Examination

- \* health certificate required
- \* practical demonstration
- \* written and/or oral questions on technique and theory

## Restrictions on Licensing

- \* fraudulent or misleading advertising
- \* license fraudulently obtained
- \* gross malpractice

## Fees

- \* \$10.00 for examination/student permit
- \* \$15.00 for license
- \* \$15.00 for biennial renewal

For more information on licensing requirements, CONTACT--

Texas Cosmetology Commission  
1111 Rio Grande  
Austin, Texas 78701  
512/475-3304



## Education/Training

- \* 1500 hours of instruction in a licensed beauty culture school; or
- \* 1000 hours of instruction in beauty culture courses and 500 hours of related high school vocational courses

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

## Working Conditions

- \* may work long hours as well as weekends and evenings
- \* constant standing

## Career Opportunities/Employment Outlook

Recent graduates of cosmetology school usually gain experience and customers by working for an established salon. As they build a clientele, many become independent salon owners or managers. Cosmetologists often specialize in manicuring, facials, or wig styling. Some return for advanced training and become instructors in beauty schools. Cosmetologists are found in all areas of the country, with a greater concentration in the larger cities.

In Texas, the demand for cosmetologists is expected to increase by 6%. The number employed in 1978 was 35,800; the projected employment figure for 1985 is 38,100.

Salaries are generally paid as commissions; although, a cosmetologist may rent chair space in a salon and provide service on a semi-independent basis.

For information on a career in cosmetology, CONTACT--

Texas Hairdressers and Cosmetologists Association, Inc.  
405 Forest Crest Drive  
Garland, Texas 75242  
214/272-8450

postsecondary schooling?	YES
minimum age requirement?	YES, over 16
examination required?	YES
employment outlook?	FAIR

## Job Description

Dental hygienists are a part of the dental health team. They work under the supervision of a licensed dentist and may perform duties such as taking X-rays, administering anesthetic agents, removing sutures, and cleaning deposits from teeth. Dental hygienists also instruct patients on proper oral health care and preventive dentistry. At times, the hygienist may be called upon to schedule appointments and to act as office manager.

## Job Requirements

- \* manual dexterity
- \* ability to work with others
- \* personal neatness and cleanliness

## License Requirements (VACS Article 4551e)

- \* United States citizenship
- \* at least 18 years of age
- \* graduation from an accredited high school or equivalent
- \* specialized education

## Examination

- \* official transcript required
- \* written
- \* practical demonstration of skills

## Restrictions on Licensing

- \* qualifications fraudulently obtained
- \* conviction of a felony
- \* illegal practice of dental hygiene
- \* habitual addiction to drugs, including alcohol

## Fees

- \* \$50.00 for examination
- \* \$25.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Dental Examiners  
718 Southwest Tower  
7th and Brazos  
Austin, Texas 78701  
512/475-2443

## Education/Training

- \* graduation from an accredited school or college of dentistry or dental hygiene

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act  
or CONTACT--

Texas State Board of Dental Examiners

## Working Conditions

- \* close contact with clients
- \* may have flexible hours

## Career Opportunities/Employment Outlook

Dental hygienists are most often employed in private dental offices. Many work part-time at one or more offices, similar to freelancing. In order to teach children preventive dentistry, school systems have become a major employer of hygienists. Hygienists with baccalaureate or master's degrees often become researchers, teachers, administrators, or directors of dental health programs. Other possible employers are the Armed Forces, hospitals, dental clinics, or factories. Positions are usually more abundant in urban areas with a large concentration of dentists.

The average annual employment for dental hygienists in Texas is expected to more than double from 1,100 in 1978 to 2,300 in 1985. This is due to the increased awareness of preventive dentistry and the implementation of dental care programs in schools and factories.

Beginning salaries in Texas range from \$13,200 to \$19,500.

For more information on a career as a dental hygienist, CONTACT--

Texas Dental Hygienists Society  
1406 Spring Garden  
Austin, Texas 78746  
512/327-6166

postsecondary schooling?	YES, 2-4 years
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	EXCELLENT

## Job Description

Dentists diagnose and treat diseases of the teeth and gums by various methods, including extraction, replacement, and oral surgery. They may design artificial teeth, straighten existing teeth, and treat gum diseases. Dentists must be highly skilled in the use of instruments such as drills, probes, and X-ray equipment. The majority of dentists are general practitioners, providing many types of dental care. Orthodontists, periodontists, and endodontists are specializations within the field.

## Job Requirements

- \* manual dexterity
- \* diagnostic ability
- \* understanding and sympathy in dealing with patients
- \* good vision

## License Requirements (VACS Article 4543 et. seq.)

- \* United States citizenship
- \* at least 21 years of age
- \* good moral character
- \* specialized education

## Examination

- \* proof of CPR training
- \* official transcript/diploma

A license may be granted without a written examination if a grade card from the National Board of Dental Examiners is held.

## Restrictions on Licensing

- \* qualifications fraudulently obtained
- \* habitual addiction to drugs, including alcohol
- \* illegal practice of dentistry
- \* conviction of a felony

## Fees

- \* \$100.00 for examination
- \* \$ 50.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Dental Examiners  
718 Southwest Tower  
7th and Brazos  
Austin, Texas 78701  
512/475-2443

## Education/Training

- \* 60-120 hours of pre-dental education
- \* 4 terms of 8 months each at a reputable dental college
- \* 2 terms of dental college must be practical experience
- \* cardiopulmonary resuscitation training

For a listing of schools, CONTACT--  
Texas Board of Dental Examiners

## Working Conditions

- \* close contact with client
- \* regular hours

## Career Opportunities/Employment Outlook

The majority of dentists enter private practice either by purchasing an established practice or opening a new office. Some dentists begin by working in a clinic or with a group practice. There are also opportunities in hospitals and dental laboratories. Some dentists pursue teaching careers in dental colleges. The government employs dentists, specifically in the Armed Forces and Public Health Service. Dentists are in great demand in urban areas; however, small communities present quicker development of clientele.

An increase of 52% is seen for dentists in Texas. In 1978, the average number of dentists employed was 5,400; whereas, in 1985, it is expected to be 8,200. This increase is largely attributed to the rising awareness of preventive dentistry.

Salaries for beginning dentists in Texas range from \$29,000 to \$46,000 depending on type and location of practice.

For more information on a career in dentistry, CONTACT--

Texas Dental Association  
1946 South IH 35  
Austin, Texas 78704  
512/443-3675

postsecondary schooling?	YES, 6-8 years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	VERY GOOD

## Job Description

Professional engineers apply scientific and mathematical principles to practical, technical problems. They may be involved in many aspects of engineering, such as research and development, production, design, construction, or administration. Specializations, such as chemical, electrical, petroleum, and civil, exist within the field of engineering. Many engineers work as consultants, drawing on their experience to guide others in developing engineering programs.

## Job Requirements

- \* analytical mind
- \* creativity
- \* attention to detail

## License Requirements (VACS Article 3271a)

- \* good moral character
- \* specialized education and/or training

## Examination

- \* written and/or oral
- \* personal references required
- \* must demonstrate ability to design and supervise engineering work

## Restrictions on Licensing

- \* fraud or deceit in obtaining registration
- \* gross negligence

## Fees

- \* \$50.00 for registration
- \* \$45.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Registration for Professional Engineers  
Post Office Drawer 18329  
Austin, Texas 78760  
512/475-3141

## Education/Training

- \* graduation from an approved course in engineering of 4 years or more, plus 4 years or more of active practice in engineering; or
- \* successfully passing an examination in lieu of the engineering courses, plus 8 years of active practice in engineering

For a listing of schools, CONTACT--

Texas State Board of Registration for Professional Engineers

## Working Conditions

- \* may work odd hours
- \* may be required to travel

## Career Opportunities/Employment Outlook

Engineers are employed by industries, government agencies or units, construction services, and educational institutions; but over half of them are employed by manufacturing industries. Beginning engineers are usually under the supervision of experienced engineers until they become familiar with the practices of the employer. After experience has been gained, some engineers move to administrative positions or return to college for graduate degrees in management or law. Generally, the best opportunities are found in urban areas.

The outlook for engineers in Texas is good. The average employment for 1978 was 78,000; the projected employment for 1985 is 95,300, for an increase of 22%. Engineering is one of the fastest growing occupations, largely due to the increase in technology in all phases of the culture.

Depending on the area of specialization, salaries for beginning engineers in Texas range from \$14,400 to \$21,800.

For more information on a career in engineering, CONTACT--

Texas Society of Professional Engineers  
Post Office Box 2145  
Austin, Texas 78768  
512/472-9286

postsecondary schooling?	YES, 4 years
minimum age requirement?	NO
examination required?	YES
employment outlook?	GOOD

## Job Description

Hearing aid dispensers sell and fit hearing aids to customers in a retail environment. They must be able to adapt the hearing aid to the special needs of the client. This involves the recording and evaluating of audiograms and the taking of earmold impressions for a proper fit.

## Job Requirements

- \* ability to do precision work
- \* understanding of business practices
- \* ability to work independently

## License Requirements (VACS Article 4566)

- \* at least 18 years of age
- \* good moral character
- \* free from contagious or infectious disease
- \* specialized training

A temporary training permit may be granted to any person who has not yet taken the exam. This person must be employed and sponsored by a licensed hearing aid dispenser. Training permits are valid for 6 months, with an extension of an additional 6 months if necessary.

## Examination

- \* fitting of hearing aids
- \* taking of earmold impressions
- \* basic physics of sound

## Restrictions on Licensing

- \* conviction of a felony
- \* misleading, fraudulent, or deceptive advertising
- \* refusing to accept responsibility for a trainee's acts while on the job

## Fees

- \* \$ 35.00 for examination
- \* \$ 50.00 for license
- \* \$ 25.00 for temporary training permit
- \* \$125.00 for annual renewal



For more information on licensing requirements, CONTACT--

Texas Board of Examiners in the Fitting and Dispensing of Hearing Aids  
1212 Guadalupe, Room 105  
Austin, Texas 78701  
512/475-3429

### Education/Training

- \* graduation from an accredited high school or equivalent
- \* apprenticeship with a licensed hearing aid dispenser for a period of 6 months to one year
- \* may have a degree in audiology

### Working Conditions

- \* indoors
- \* office-like
- \* sanitary
- \* well-lit
- \* soundproofed

### Career Opportunities/Employment Outlook

A person starting out as a hearing aid dispenser generally forms a partnership with another dispenser. Some start their own business or purchase an established practice.

Employment possibilities for hearing aid dispensers are bright. Due to the refinement of hearing aid apparatus, more people are seeking help for hearing deficiencies. This is creating employment for hearing aid dispensers. Once thought of as a field for older individuals, the occupation is changing as more young people enter it.

For more information on a career in hearing aid dispensing, CONTACT--

Texas Hearing Aid Association  
4302 Airport Boulevard  
Austin, Texas 78722  
512/454-8626

postsecondary schooling?	NO, not required
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	GOOD

## Job Description

Insurance, or claim, adjusters act as the intermediary between the insurance carrier and the insured. They investigate claims, determine whether the insured is covered, and verify the amount of loss. Adjusters use physical evidence, testimony of witnesses, and detailed reports in their investigations. They may specialize by type of claim, such as fire, automobile, or product liability.

## Job Requirements

- \* ability to communicate
- \* good memory
- \* mathematical ability

## License Requirements (VTCA Article 21.07)

- \* Texas resident
- \* at least 18 years of age
- \* trustworthy
- \* specialized training

## Examination

- \* written

May be waived if applicant has passed an examination upon completion of approved study.

## Restrictions on Licensing

- \* conviction of a felony
- \* misrepresentation on application
- \* misappropriation of money

## Fees

- \* \$15.00 for application
- \* \$25.00 for examination
- \* \$15.00 for annual renewal

For more information on licensing requirements, CONTACT--

State Board of Insurance  
1110 San Jacinto  
Austin, Texas 78786  
512/475-3397

## Education/Training

- \* study in an approved training program or course; or
- \* sponsorship by a licensed adjustor

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

## Working Conditions

- \* frequent travel
- \* may work irregular hours

## Career Opportunities/Employment Outlook

Beginning adjustors work under the supervision of experienced adjustors, handling small losses. With experience and more difficult assignments, adjustors may be promoted within the company to department supervisors or managers. Often they work as public adjustors, representing the insured instead of the company, or with large organizations, negotiating claims against insurance companies. Insurance adjustors most often work in large cities where home insurance offices are located.

In 1978, there were approximately 7,600 persons employed as insurance adjustors. This is expected to increase 17% by 1985 to 8,900.

Beginning salaries for adjustors in Texas start at \$12,000.

For more information on a career as an insurance adjuster, CONTACT--

ICAT / Professional Insurance Agents of Texas  
Post Office Box 3175  
Austin, Texas 78764  
512/474-6066

postsecondary schooling?	YES
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	FAIR

## Job Description

Insurance agents sell policies to individuals and businesses to help protect them from financial losses. They analyze the particular needs of the client and formulate an insurance program best suited to those needs. There are three basic types of insurance: life, casualty, and health. Agents are employed by a company and represent it exclusively; whereas, brokers have no connection with any particular firm and may order policies through different insurance companies.

## Job Requirements

- \* self-confidence
- \* ability to work independently
- \* ability to communicate effectively

## License Requirements (VTCA Article 21.14)

- \* Texas resident
- \* good moral character and reputation
- \* trustworthy
- \* endorsement of a qualified insurance company
- \* specialized education and/or training

A Temporary Agent's License may be given if all the requirements are met and the examination passed, providing that the specialized training is done within a one year period after issuance of license.

## Examination

- \* written
- \* study guide furnished

## Restrictions on Licensing

- \* license obtained fraudulently
- \* misappropriation of insured's money
- \* misrepresentation of insurance policy

## Fees

- \* \$25.00 for application
- \* \$10.00 for examination
- \* \$10.00 to \$25.00 for annual renewal depending on type of license

For more information on licensing requirements, CONTACT--

State Board of Insurance  
1110 San Jacinto  
Austin, Texas 78786  
512/475-3397

## Education/Training

- \* study at an approved classroom insurance course; or
- \* study with an approved company or agents association school; or
- \* study with an approved correspondence course; or
- \* four years of college with a major in insurance

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

## Working Conditions

- \* client visitation
- \* may travel in specified territory

## Career Opportunities/Employment Outlook

Insurance agents may prefer to work with one company or agency in the beginning. As a clientele is built and experience gained, some agents prefer to work independently and become brokers. A combination real estate and insurance sales office is another possibility for advancement. Insurance agents may work either full or part-time.

Because the demand for insurance is rising, the number of licensed agents is expected to increase. For 1985, the projected average employment figure in Texas is 34,800, up from 30,400 in 1978 - an increase of 14%.

Salaries for insurance agents are usually paid as commissions on sales.

For more information on a career in insurance, CONTACT--

ICAT / Professional Insurance Agents of Texas  
Post Office Box 3175  
Austin, Texas 78764  
512/474-6066

postsecondary schooling?	YES
minimum age requirement?	NO
examination required?	YES
employment outlook?	FAIR

## Job Description

Land surveyors are responsible for establishing tract-of-land boundary lines. They determine location and measurement of elevations, lines, points, and contours. Land surveyors prepare maps and legal descriptions for documents such as deeds and leases. They are legally responsible for the accuracy of their work.

## Job Requirements

- \* good physical condition
- \* mathematical ability
- \* leadership qualities
- \* ability to visualize abstract forms

## License Requirements (VACS Article 5282c)

- \* good professional character and reputation
- \* specialized education and/or training

## Examination

- \* must demonstrate ability (written and practical)
- \* must have proof of training/education

## Restrictions on Licensing

- \* fraud or deceit in obtaining a license
- \* gross negligence
- \* interest in purchasing public land, directly or indirectly

## Fees

- \* \$50.00 for application
- \* \$50.00 for examination
- \* \$25.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas Board of Land Surveying  
5555 North Lamar, Suite 109  
Austin, Texas 78751  
512/452-9427

## Education/Training

- \* bachelor's degree in subjects relating to land surveying, plus two years surveying experience; or
- \* 32 semester hours in subjects relating to land surveying, plus four years surveying experience; or
- \* graduation from an accredited high school, plus six years surveying experience

### Surveyor-in-Training Program

- \* examination for basic mathematical and surveying skills
- \* intensive formal study
- \* intensive experience covering a lesser period of time than six years

After completing the training program and passing the Board's examination, the applicant becomes a licensed surveyor.

For a listing of schools, CONTACT--

Texas Board of Land Surveying

## Working Conditions

- \* may work under adverse conditions
- \* may travel frequently

## Career Opportunities/Employment Outlook

Beginning surveyors usually start as instrument workers, advancing to positions of greater responsibility, such as party chief. Many land surveyors are employed by government agencies or work for highway departments. Others are employed by municipalities or local governing units and work on urban planning and development. Land surveyors may travel extensively and be exposed to varied living conditions. For the best opportunities, surveyors should locate in areas of rapid development or renewal.

In Texas, the demand for surveyors is projected to increase 37% in the next few years. The total number of surveyors employed in 1978 was 7,600; and the expected employment for 1985 is 10,400.

Salaries for beginning land surveyors in Texas range from \$14,000 to \$20,000.

For more information on a career in land surveying, CONTACT--

Texas Surveyors Association  
4302 Airport Blvd.  
Austin, Texas 78722  
512/454-8626

postsecondary schooling?	YES
minimum age requirement?	NO
examination required?	YES
employment outlook?	GOOD

## Job Description

Landscape architects are concerned with the beautification of land areas which enhance the environment as well as serve the developer's needs. They plan and design projects such as recreational facilities, roadways, schools, and housing subdivisions. Landscape architects study the special features of the site, develop preliminary drawings, and supervise construction of the project. Many landscape architects act as client representatives to the contractor and follow the project through to completion.

## Job Requirements

- \* desire to work outdoors
- \* creative and design ability
- \* understanding of business practices

## License Requirements (VACS Article 249c)

- \* good moral character
- \* at least 18 years of age
- \* specialized education and/or training

## Examination

- \* professional practice
- \* design
- \* design implementation
- \* history

## Restrictions on Licensing

- \* practice of landscape architecture without registration
- \* misrepresentation of application data
- \* conviction of a felony

## Fees

- \* \$10.00 for application
- \* \$90.00 for examination
- \* \$70.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas Board of Architectural Examiners  
5555 North Lamar, Building H-117  
Austin, Texas 78751  
512/458-1363



## Education/Training

- \* professional degree from a recognized school whose study of landscape architecture is approved; or
- \* seven years or more of actual experience in the office of a licensed landscape architect

For a listing of schools, CONTACT--  
Texas Board of Architectural Examiners

## Working Conditions

- \* may involve travel
- \* may work irregular hours
- \* work may be done outdoors

## Career Opportunities/Employment Outlook

Beginning landscape architects work as junior drafters in offices. With experience, they progress to senior drafters, eventually assuming responsibility for a project from inception to completion. Many specialize in one area of landscape architecture, such as parklands or urban redevelopment. They may be employed by a firm of architects or own their own businesses. Landscape architects are also employed as teachers by colleges and universities. Government agencies, too, hire large numbers. The best opportunities are found in more populous areas of the country, especially in temperate climates where year-round work is possible.

The outlook for landscape architects nationally is very promising. This is due to an increase in awareness of environmental issues by the public.

Nationally, beginning salaries range from \$10,000 to \$15,000.

For more information on a career in landscape architecture, CONTACT--

American Society of Landscape Architects  
1900 M Street, NW, Suite 750  
Washington, DC 20036  
202/466-7730

postsecondary schooling?	YES
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	GOOD

## Job Description

Librarians serve as a link between the public and information sources. They prepare the information and assist patrons in its use. In addition, librarians select materials, publicize services, do research, and conduct programs within the community. County librarians are in charge of a county-wide network of branch libraries and deposit stations. They formulate rules and regulations concerning the administration of the library. They submit an annual statistical report to the State Librarian on the operation and condition of the county library.

## Job Requirements

- \* love of books and information
- \* interest in people
- \* initiative

## License Requirements (VACS Article 1683)

- \* specialized education and/or training

### Examination

- \* none

### Restrictions on Licensing

- \* none

### Fees

- \* none

For more information on licensing requirements, CONTACT--

Texas State Board of Library Examiners  
Texas State Library  
Post Office Box 12927/Capitol Station  
Austin, Texas 78711  
512/475-2167

## Education/Training

Grade IV - valid for one year

- \* thirty semester hours at an accredited college or university; or
- \* six years of library experience in the past ten years; or
- \* three years library experience and attendance at four library related meetings or workshops

Grade III - valid for two years

- \* graduation from an accredited college or university and attendance at one library related workshop or meeting

Grade II - valid for four years

- \* graduation from an ALA accredited library school; or
- \* graduation from an accredited college or university with major in library science and two years library experience

Grade I - permanent

- \* graduation from an ALA accredited library school and four years library experience

For a listing of schools, CONTACT--  
Texas State Board of Library Examiners

### Working Conditions

- \* work hours regular
- \* may travel within county

### Career Opportunities/Employment Outlook

County librarians may be certified at Grade IV and, by means of education and experience, advance through the remaining three levels; or they may enter at a higher grade and advance through experience in library work. Some librarians specialize in certain areas such as technical services, information services, or media services. With experience, some librarians advance to an administrative position, such as director of a specific library or of a library system. The opportunities for county librarians in Texas are best in the counties with a large library system, usually found in urban areas.

The number of librarians employed in Texas for 1978 was 10,300. By 1985 this number is expected to increase to 11,600, or 12%. This is the projection for all librarians.

Salaries for county librarians range from \$8,400 for beginning level to \$15,000 for advanced level.

For more information on a career in library science, CONTACT--

Texas Library Association  
8989 Westheimer, Suite 108  
Houston, Texas 77063  
713/782-0570

postsecondary schooling?	YES
minimum age requirement?	NO
examination required?	NO
employment outlook?	FAIR

## Job Requirements

Morticians, or funeral directors, are responsible for all details necessary for services and burial of the deceased. They arrange for the funeral service, casket choice, transportation of the body, and viewing arrangements. They usually handle the writing of obituaries for the newspapers and may make the cemetery arrangements. They work closely with the family of the deceased, offering guidance in times of stress.

Embalmers preserve the body of the deceased for sanitary and cosmetic reasons by injecting embalming fluids into it. They may repair disfigurements or improve the appearance by using cosmetics, cotton, or clay. Embalmers may also assist pathologists during autopsies.

## Job Requirements

- \* tact and understanding
- \* physical stamina
- \* emotional stability

## License Requirements (VACS Article 4582b)

- \* Texas resident
- \* at least 18 years of age
- \* graduation from an accredited high school or equivalent
- \* specialized education and training

## Examination

- \* written
- \* practical

## Restrictions on Licensing

- \* conviction of a felony related to the practice of embalming or funeral directing
- \* deceptive advertising practices
- \* misrepresentation of credentials

## Fees

- \* \$10.00 for apprenticeship registration
- \* \$50.00 for license
- \* \$40.00 for biennial renewal

For more information on licensing requirements, CONTACT--

State Board of Morticians  
1513 South IH 35  
Austin, Texas 78741  
512/442-6721

### Education/Training

- \* graduation from an accredited school or college of mortuary science
- \* apprenticeship of one year to a licensed funeral director and/or embalmer

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

### Working Conditions

- \* indoor
- \* sanitary
- \* regular working hours

### Career Opportunities/Employment Outlook

After the apprenticeship period, newly licensed directors or embalmers generally are employed as trainees. In the larger funeral homes, they can advance to positions such as general manager or chief embalmer. When experienced enough, some establish their own funeral businesses. Funeral supply companies also employ morticians as sales representatives. Embalmers may be employed by hospitals or morgues. Better opportunities exist in urban areas, as the smaller communities tend to have family operated funeral homes.

Employment opportunities in Texas are very competitive in this field. Positions for embalmers are expected to remain steady with the total number employed remaining at 200 until 1985. Morticians, however, will experience a drop in employment from 2,600 to 2,300 in 1985 - an 11% decrease.

Salaries for apprentice morticians/embalmers begin at \$7,800.

postsecondary schooling?	YES
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	COMPETITIVE

## Job Description

Licensed vocational nurses provide nursing care that requires the technical knowledge, but not the professional education, of a registered nurse. Under the supervision of physicians or registered nurses, they may perform tasks including administration of prescribed medicines, recording of blood pressure and temperature readings, and ensuring sanitary conditions for the patient. Many specialize in one aspect of nursing and operate sophisticated equipment to care for seriously ill patients.

## Job Requirements

- \* emotionally stable
- \* attention to detail
- \* concern for human welfare

## License Requirements (VACS Article 4528c)

- \* United States citizenship
- \* at least 18 years of age
- \* good moral character
- \* good physical and mental health
- \* specialized education and/or training

## Examination

- \* written
- \* personal interview may be required

## Restrictions on Licensing

- \* conviction of a felony
- \* license fraudulently obtained
- \* gross incompetence

## Fees

- \* \$25.00 for application and examination
- \* \$ 5.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Vocational Nurse Examiners  
5555 North Lamar, Building H-131  
Austin, Texas 78751  
512/458-1203

## Education/Training

- \* at least two years of high school education or equivalent
- \* completion of a course of not less than 12 months in an approved school of vocational nursing; or
- \* at least two years of training in an accredited school of professional nurse training

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary

Act

## Working Conditions

- \* may work under stress
- \* may work odd hours
- \* sanitary surroundings

## Career Opportunities/Employment Outlook

Licensed vocational nurses may advance through additional training or formal education. In-service training programs prepare some for work in intensive care units or recovery rooms. Some prefer to specialize by type of patient, such as pediatric or geriatric. LVN's may pursue a professional nursing degree as they continue to work part-time. In addition to hospitals, LVN's are employed by clinics, welfare agencies, nursing homes, and private homes. The greatest opportunity for employment is in more populous areas; although the need exists in all areas of the country.

A 52% increase in positions available in Texas is forecast for 1985. In 1978, 49,800 LVN's were employed; and an employment figure of 75,900 is projected for 1985.

Beginning salaries in Texas range from \$9,000 to \$10,000.

For more information on a career in vocational nursing, CONTACT--

Licensed Vocational Nurses Association of Texas  
611 South Congress, Suite 420  
Austin, Texas 78704  
512/443-4813

postsecondary schooling?	YES
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	VERY GOOD

## Job Description

Registered nurses carry out the medical treatments prescribed by physicians and also make independent judgements based upon their professional knowledge. Usual duties include administration of medication, preparation of sterile instruments, and observation of a patient's condition. The major employers of RNs are hospitals and similar institutions, doctors, schools, and factories. Some RNs are self-employed, working as private duty nurses.

## Job Requirements

- \* good health and stamina
- \* desire to serve people
- \* good judgemental ability

## License Requirements (VACS Article 4518)

- \* good moral character
- \* specialized education and training

## Examination

- \* transcripts required
- \* five part written

## Restrictions on Licensing

- \* license fraudulently obtained
- \* conviction of a felony
- \* unprofessional conduct

## Fees

- \* \$30.00 for examination
- \* \$ 4.00 for annual renewal

For more information on licensing requirements, CONTACT--

Board of Nurse Examiners for the State of Texas  
510 South Congress, Suite 216  
Austin, Texas 78704  
512/478-9602

## Education/Training

- \* graduation from an accredited program of professional nursing education



For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act  
or CONTACT--

Board of Nurse Examiners for the State of Texas

### Working Conditions

- \* indoor
- \* sanitary
- \* may work irregular hours

### Career Opportunities/Employment Outlook

Registered nurses may begin as staff nurses in hospitals or other health care institutions. With experience, they may advance to head nurse or director of nursing services. They may decide to specialize in an area such as pediatric or psychiatric nursing. With an advanced degree of intensive training, RN's may work as administrators, educators, researchers, or nurse practitioners. Nursing opportunities are greater in the inner city and the southern states than in areas where training programs are located.

The outlook for registered nurses in Texas is good. The 1978 employment figure of 44,600 is expected to be increased by 13,200, or 29%, in 1985.

Salaries for beginning RN's range from \$13,000 to \$15,000.

For more information on a career in professional nursing, CONTACT--

Texas Nurses Association  
314 Highland Mall Boulevard, Suite 504  
Austin, Texas 78752  
512/452-0645

postsecondary schooling?	YES, 2-4 years
minimum age requirement?	NO
examination required?	YES
employment outlook?	GOOD

## Job Description

Coordination of the various functions and activities necessary for the day to day operation is the main duty of nursing home administrators. They oversee the nursing staff, food service operations, and general management of the home. They compile and analyze reports of operational statistics for official records. Nursing home administrators may supervise in-service training in conjunction with the administrator-in-training program.

## Job Requirements

- \* interest in helping the sick or aged
- \* ability to motivate people
- \* understanding of business practices
- \* management abilities

## License Requirements (VACS Article 4442d)

### Administrator-in-Training

- \* United States citizenship
- \* at least 18 years of age
- \* reputable and responsible character
- \* sound physical and mental health
- \* specialized education and/or training

## Examination

- \* State Board Examination
- \* Suitability Examination
- \* National Association Board Examination

## Restrictions on Licensing

- \* conviction of a misdemeanor or felony involving moral turpitude
- \* gross negligence
- \* license fraudulently obtained

## Fees

- \* \$70.00 for application
- \* \$80.00 for biennial renewal

For more information on licensing requirements, CONTACT--  
Texas Board of Licensure for Nursing Home Administrators  
Post Office Box 9706  
Austin, Texas 78766  
512/926-9530

## Education/Training

- \* graduation from accredited high school or equivalent; and
- \* completion of an approved 200 hour curriculum in nursing home administration; plus
- \* internship of six months in a licensed nursing home; or
- \* master's, bachelor's, or associate's degree in Long Term Care Administration
- \* for renewal of license, 30 hours of continuing education study biennially

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act  
or CONTACT--

Texas Board of Licensure for Nursing Home Administrators

## Working Conditions

- \* may travel
- \* may work extended hours

## Career Opportunities/Employment Outlook

Nursing home administrators ordinarily begin as assistants to chief administrators. Learning opportunities are usually better in smaller nursing homes as the experience is more general. The goal for many is to become the chief nursing home administrator. Although many communities have nursing homes, better opportunities exist in larger cities.

The outlook for nursing home administrators in Texas is good. In 1978, 9,200 were employed in the field. With the projected 40% increase, 12,900 will be employed by 1985.

The average salary for nursing home administrators in Texas is \$18,000.

For more information on a career in nursing home administration, CONTACT--

Texas Nursing Home Association  
5225 US Highway 290E  
Austin, Texas 78723  
512/458-1257

postsecondary schooling?	YES
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	GOOD

## Job Description

Optometrists examine eyes for vision problems and prescribe treatments without the use of medicine, drugs, or surgery. Treatments may consist of eyeglasses, contact lenses, or eye exercises. They use special instruments to test for depth and color perception and the ability to focus and coordinate the eyes. Some optometrists supply patients with eyeglasses and make minor repairs on them.

## Job Requirements

- \* ability to deal with people
- \* understanding of business practices
- \* self-discipline
- \* ability to do precision work

## License Requirements (VACS Article 4552)

- \* at least 21 years of age
- \* good moral character
- \* specialized education

## Examination

- \* transcript required
- \* written
- \* practical

## Restrictions on Licensing

- \* gross immorality
- \* misrepresentation in practice or on application
- \* conviction of a felony or misdemeanor involving moral turpitude

## Fees

- \* \$35.00 for examination
- \* \$25.00 for license
- \* \$60.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas Optometry Board  
5555 North Lamar, Building H-101  
Austin, Texas 78751  
512/458-2141

## Education/Training

- \* graduation from high school; and
- \* graduation from a reputable college or university of optometry, acceptable to the board, whose term of instruction shall not be less than six terms of eight months each
- \* for renewal of license, 12 hours of continuing education study per year

For a listing of schools, CONTACT--  
Texas Optometry Board

## Working Conditions

- \* may set own hours
- \* close contact with clients

## Career Opportunities/Employment Outlook

Optometrists may begin practice as associates of established practitioners. After enough experience has been acquired, they may elect to begin their own practices or to specialize. Optometrists are also employed by the Armed Forces and public health clinics. With advanced education, some may enter into research or teaching positions. Studies show that cities with populations between 5,000 and 50,000 provide the best opportunities for optometrists.

The outlook for optometrists in Texas is good. The employment figure for 1978 was 1,100; and the projected figure for 1985 is 1,400. This is an increase of 27%.

Beginning salaries for optometrists range from \$15,000 to \$20,000.

For more information on a career in optometry, CONTACT--  
Texas Optometric Association  
505 International Life Building  
Austin, Texas 78701  
512/478-1621

postsecondary schooling?	YES, 6 years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	GOOD

## Job Description

Pharmacists compound and dispense drugs and medicines prescribed by physicians and dentists. They advise the public on uses of prescription and non-prescription medicines. Pharmacists may test drugs for purity and strength, advising physicians on the proper selection and use. They may be employed by community pharmacies, clinics, hospitals, or government services. Pharmacists employed in retail stores may be responsible for managing and supervising employees in the pharmacy.

## Job Requirements

- \* sense of responsibility
- \* ability to gain confidence of clients
- \* ability for detailed recordkeeping

## License Requirements (VACS Article 4542a)

- \* United States citizenship
- \* at least 21 years of age
- \* good moral character
- \* specialized education and training

## Examination

- \* Texas Jurisprudence Exam
- \* National Boards of Pharmacy Licensing Exam
- \* written/oral/practical

## Restrictions on Licensing

- \* gross immorality
- \* addiction to drugs or alcohol
- \* member of Communist party

## Fees

- \* \$50.00 for examination
- \* \$35.00 for license
- \* \$35.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Pharmacy  
211 East 7th Street, Suite 1121  
Austin, Texas 78701  
512/478-9827

## Education/Training

- \* graduation from high school; and
- \* graduation from an accredited college of pharmacy; plus
- \* internship of 1000 hours of practical experience under supervision of registered pharmacist (1500 hours effective September 1, 1981)

For a listing of schools, CONTACT--  
Texas State Board of Pharmacy

## Working Conditions

- \* sanitary surroundings
- \* may work irregular hours
- \* may work in medical or business environment

## Career Opportunities/Employment Outlook

Pharmacists often begin as employees in community pharmacies. They may advance to owner or manager of the business. Those who work in hospital pharmacies may advance to director of pharmacy service. Many work as representatives for pharmaceutical companies. Some engage in research and development of new drugs. Pharmacists also write reports for technical journals or inserts for packaged drugs. Colleges of pharmacy, medicine, and nursing employ pharmacists as teachers. Government agencies employ them as inspectors, pharmacists, or narcotics control consultants. Opportunities are greatest in populous areas and communities with large medical centers.

The projected increase for pharmacists in Texas is 9%, from 7,600 in 1978 to 8,300 in 1985.

Salaries for beginning pharmacists range from \$14,000 to \$18,000.

For more information on a career in pharmacy, CONTACT--

Texas Pharmaceutical Association  
1624 US Highway 180E  
Austin, Texas 78752  
512/836-8350

postsecondary schooling?	YES, 5 years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	FAIR

## Job Description

Using therapeutic procedures, physical therapists treat persons with muscle, nerve, joint, and bone diseases or injuries. These procedures include exercise, massage, heat, cold, light, water, and electricity. Physical therapists test for muscle strength, respiratory and circulatory efficiency, and motor development in their patients. They work closely with physicians in determining the course of treatment best suited for a particular patient. They also help disabled persons accept their handicaps and adjust to them.

## Job Requirements

- \* emotional stability
- \* manual dexterity
- \* tact and patience

## License Requirements (VACS Article 4512e)

- \* good moral character
- \* specialized education and training

### Physical Therapist Assistant

- \* good moral character
- \* specialized education and training

### Examination

- \* transcript required
- \* written

### Restrictions on Licensing

- \* habitual use of drugs or alcohol
- \* practice under an unlicensed physician
- \* conviction under narcotic laws

### Fees

- \* \$25.00 for application
- \* \$50.00 for examination
- \* \$20.00 for annual renewal

### Physical Therapist Assistant

- \* \$25.00 for application
- \* \$45.00 for examination
- \* \$12.50 for annual renewal



For more information on licensing requirements, CONTACT--

Texas State Board of Physical Therapy Examiners  
5555 North Lamar, Building H-135  
Austin, Texas 78751  
512/475-7956

## Education/Training

- \* completion of accredited curriculum in physical therapy education and 60 semester credits from a recognized college, or
- \* diploma from an accredited school of professional nursing

### Physical Therapy Assistant

- \* completion of an accredited program having a course of at least two years at an approved college

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

or CONTACT--

Texas State Board of Physical Therapy Examiners

## Working Conditions

- \* indoor
- \* sanitary
- \* regular hours

## Career Opportunities/Employment Outlook

Most physical therapists work in hospitals or nursing homes. Some work in public health clinics, rehabilitation centers, or are self-employed. Therapists are also employed by the Armed Forces. Those with graduate degrees may teach in schools of physical therapy or conduct research in a particular area. With several years of experience, physical therapists may become program administrators in hospitals or clinics. Suburban or rural areas have the best employment opportunities.

In Texas, employment possibilities for therapists are good. In 1978, there were 7,000 therapists employed. The projected figure for 1985 is 10,600 - an increase of 51%.

Salaries for beginning therapists in Texas range from \$13,000 to \$15,000.

For more information on a career in physical therapy, CONTACT--

Texas Chapter of the American Physical Therapy Association  
211 East Seventh Street, Suite 714  
Austin, Texas 78701  
512/477-1818

postsecondary schooling?	YES
minimum age requirement?	NO
examination required?	YES
employment outlook?	VERY GOOD

## Job Description

Physicians diagnose, prescribe medicines for, and treat disorders of the human body. They analyze test findings and reports to diagnose the patient's condition. Methods of treatment include surgery, X-rays, or drugs. Physicians promote health by advising patients on diet, hygiene, and disease prevention. Physicians most often specialize in one aspect of medical care, such as, among others, obstetrics, psychiatry, pathology, radiology, or pediatrics. Most physicians are in private practice.

## Job Requirements

- \* desire to serve the sick and injured
- \* good judgemental ability
- \* emotionally stable

## License Requirements (VACS Article 4501)

- \* United States citizenship
- \* at least 21 years of age
- \* good moral character
- \* specialized education and training

## Examination

- \* pre-clinical
- \* clinical

## Restrictions on Licensing

- \* conviction of a felony
- \* prescribing drugs which are non-therapeutic in nature
- \* unprofessional conduct

## Fees

- \* \$ 50.00 for application
- \* \$150.00 for full examination (FLEX)
- \* \$ 25.00 for intern and resident permits
- \* \$ 15.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Medical Examiners  
900 Southwest Tower  
Austin, Texas 78701  
512/475-0741

## Education/Training

- \* 60 semester hours of premedical college courses; plus
- \* graduation from an approved medical school or college

For a listing of schools, CONTACT--  
Texas State Board of Medical Examiners

## Working Conditions

- \* may work irregular hours
- \* may work under stress
- \* close contact with clients

## Career Opportunities/Employment Outlook

After the licensing examination has been passed, the medical profession requires a period of internship, lasting one to two years. Specialization in a particular field requires a period of residency, lasting one to four years. Physicians are then ready to enter private or group practice, governmental service such as the Armed Forces, or industrial medicine. After acquiring experience, they may teach, do research, or become administrators. Some physicians work as residents or full-time staff of hospitals. Currently, medical students are being exposed to practice in rural areas where there is a shortage of qualified medical personnel.

The growth in population and longer life expectancy have contributed to the increase in the need for physicians. In Texas, 16,000 physicians were employed in 1978. The projected increase for 1985 is 43%, to 24,000.

Salaries in Texas for physicians who have completed internship and residency start between \$35,000 and \$37,000.

For more information on a career in medicine, CONTACT--

Texas Medical Association  
1801 North Lamar  
Austin, Texas 78701  
512/477-6704

postsecondary schooling?	YES, 6 or more years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	GOOD

## Job Description

Plumbers install, alter, or repair pipe systems conducting liquids or gases such as water, steam, or air. They install plumbing fixtures, appliances, heating and cooling systems, and waste disposal systems. On a job, plumbers inspect the installation site; cut, thread, and bend pipes to exact specifications; and join them using welds or threading. Pipefitters do essentially the same work as plumbers, differing only in job location and variety of pipes used.

## Job Requirements

- \* good physical condition
- \* mechanical aptitude
- \* ability to work well with others

## License Requirements (VACS Article 6243)

### Journeyman

- \* good moral character
- \* at least 17 years of age
- \* specialized training and experience

### Master

- \* good moral character
- \* at least 18 years of age
- \* must have journeyman license for at least one year

## Examination

- \* written
- \* mechanical

## Restrictions on Licensing

- \* license fraudulently obtained
- \* incompetence
- \* violation of municipal sanitation rules

## Fees

- \* \$5.00 for examination (Journeyman); \$50.00 for examination (Master)
- \* \$5.00 for license (Journeyman); \$50.00 for license (Master)
- \* \$5.00 for annual renewal (Journeyman); \$50.00 for annual renewal (Master)

For more information on licensing requirements, CONTACT--

Texas State Board of Plumbing Examiners  
204 Reagan Building  
Austin, Texas 78701  
512/472-9221

## Education/Training

Journeyman

\* a combination of work experience and/or technical training equaling three years

Master

\* must work as a licensed journeyman for 12 months

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

## Working Conditions

- \* indoor/outdoor
- \* active and strenuous
- \* may be hazardous at times

## Career Opportunities/Employment Outlook

Beginning plumbers work as apprentices or plumbers helpers until they gain enough experience to become journeymen. Journeymen plumbers work under the supervision of master plumbers until the master plumbers examination is passed. Master plumbers may work for contractors, advancing to foreman, job estimator, or superintendent. If self-employed, plumbers may form their own contracting firms. Plumbers are needed in all communities, especially in areas of increased construction and renovation.

In Texas, 31,400 plumbers were employed in 1978. The expected increase in annual employment by 1985 is 42%, to 38,800.

Salaries for plumbers in Texas vary greatly, depending on the locality worked and union membership.

For more information on a career in plumbing, CONTACT--

Association of Plumbing and Heating Contractors of Texas  
4302 Airport Boulevard  
Austin, Texas 78722  
512/454-7383

postsecondary schooling?	NO
minimum age requirement?	YES, over 17
examination required?	YES
employment outlook?	GOOD

## Job Description

Podiatrists diagnose and treat diseases or deformities of the feet by using X-rays, medications, plaster casts, or prosthetics. Some common problems treated include calluses, warts, flat feet, and arch problems. They refer any systemic disorders observed in feet and legs to a physician for treatment. Podiatrists may specialize in areas such as orthopedics, podopediatrics, or podogeriatrics.

## Job Requirements

- \* scientific aptitude
- \* manual dexterity

## License Requirements (VACS Article 4570)

- \* at least 21 years of age
- \* good moral character
- \* specialized education and training

## Examination

- \* written
- \* practical

## Restrictions on Licensing

- \* conviction of a felony
- \* misleading or deceptive advertising
- \* license fraudulently obtained

## Fees

- \* \$75.00 for examination
- \* \$50.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Podiatry Examiners  
Post Office Box 3041  
Waco, Texas 76707  
817/754-1811

## Education/Training

- \* completion of 90 semester hours of college courses, and
- \* graduation from a bona fide reputable school of podiatry or chiropody consisting of at least four terms of eight months each

For a listing of schools, CONTACT--  
Texas State Board of Podiatry Examiners

### Working Conditions

- \* indoor
- \* sanitary
- \* may set own hours

### Career Opportunities/Employment Outlook

Newly licensed podiatrists may work as associates to established practitioners or in clinics or hospitals. They may also purchase an established practice or start one of their own. Podiatrists may advance by becoming specialists in one area of podiatry or concentrating exclusively on foot surgery. Some work in public health clinics or the Armed Forces. Those with experience and advanced training may pursue a career in teaching at a college of podiatry. Studies show the best opportunities for private practice exist in towns of over 50,000.

The outlook for podiatrists in Texas is very good. Foot disorders are among the most widespread and neglected problems, increasing the demand for podiatrists. The projected employment for 1985 is 400, doubling the employment level of 1978.

Nationally, salaries for beginning podiatrists range from \$30,000 to \$35,000.

For more information on a career in podiatry, CONTACT--

Texas Podiatry Association  
3724 Jefferson  
Austin, Texas 78731  
512/453-6533

postsecondary schooling?	YES, 7 years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	VERY GOOD

## Job Description

Using specialized equipment, polygraph examiners question individuals to verify the truth of their statements. They attach the apparatus to the individual to record changes in respiration, blood pressure, and electrical resistance of the skin. Polygraph examiners interpret the data recorded and prepare reports on the findings. They may be employed by police departments for specific criminal cases, which can result in appearances in court.

## Job Requirements

- \* ability to work well with people
- \* ability to interpret graphs and charts
- \* good judgmental ability

## License Requirements (VACS Article 4413(29cc))

- \* United States citizenship
- \* at least 21 years of age
- \* honest, truthful, morally fit
- \* has not been convicted of a felony or misdemeanor involving moral turpitude
- \* specialized education and training

## Examination

- \* objective
- \* essay

## Restrictions on Licensing

- \* failing to inform subject of the nature of the examination
- \* failing to inform subject that participation is voluntary
- \* failing to inform subject of results if so requested

## Fees

- \* \$20.00 for application
- \* \$60.00 for examiners license
- \* \$30.00 for intern license
- \* \$25.00 for annual renewal

For more information on licensing requirements, CONTACT--

Board of Polygraph Examiners  
111 West Laurel, Suite 115  
San Antonio, Texas 78212  
512/227-6100



## Education/Training

### Intern

- \* baccalaureate degree from accredited college; or
- \* five consecutive years of active investigative experience; plus
- \* sponsorship of licensed examiner

### Examiner

- \* baccalaureate degree from accredited college; or
- \* five consecutive years of active investigative experience
- \* graduation from approved polygraph examiners course and six months of internship training; or
- \* twelve months of internship training in lieu of polygraph examiners course

For a listing of schools, CONTACT--  
Board of Polygraph Examiners

## Working Conditions

- \* regular hours
- \* may travel

## Career Opportunities/Employment Outlook

Newly licensed examiners may be employed by large corporations such as factories or retail stores. Investigative agencies may also hire polygraph examiners either full-time or on contract. Examiners may form partnerships or operate their own services. Manufacturers of polygraph equipment may employ examiners as representatives. Schools that teach polygraph courses also employ examiners. The best opportunities are in larger urban areas.

As the practice becomes widespread among employers and investigative agencies, more polygraph examiners will be needed.

Salaries for beginning polygraph examiners range from \$12,000 to \$16,000.

For more information on a career as a polygraph examiner, CONTACT--  
Texas Association of Polygraph Examiners  
7701 North Lamar, Suite 502  
Austin, Texas 78752  
512/451-7481

postsecondary schooling?	YES, 4-5 years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	GOOD

Job Description

Private investigators obtain confidential information by questioning individuals as to the nature of a crime or wrongdoing. They may investigate thefts, fires, accidents, injuries, or missing persons. They collect evidence on the case, write reports for clients, and may testify in court. Security guards observe private property to protect it against fire, vandalism, trespass, or larceny. They may protect different kinds of property, such as buildings, merchandise, equipment, or money. Security guards also protect individuals from bodily harm.

Job Requirements

- \* trustworthy
- \* good hearing and vision
- \* good personal habits

License Requirements (VACS Article 4413 (29bb))

- \* United States citizenship
- \* at least 18 years of age
- \* may not be convicted for a felony or crime involving moral turpitude
- \* may not be addicted to alcohol or drugs
- \* if applicable, may not have dishonorable discharge from Armed Forces
- \* good moral character
- \* specialized training and experience

Examination

- \* written examination may be required

Restrictions on Licensing

- \* may not be partner of a person refused a license
- \* bad moral character
- \* falsification of application

Fees

- \* \$150.00 for Class A license (private investigation firm)
- \* \$150.00 for Class B license (securities service firm)
- \* \$225.00 for Class C license (both private investigation and securities service firm)
- \* \$ 15.00 for registration of investigator employed by firm

For more information on licensing requirements, CONTACT--

Texas Board of Private Investigators and Private Security Agents  
510 South Congress, Suite 116  
Austin, Texas 78704  
512/475-3944

## Education/Training

- \* 3 years consecutive experience in investigative field for private investigations firm license; or
- \* 2 years consecutive experience in security services field for securities service firm license
- \* completion of an approved training course consisting of a minimum of 30 hours

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

or CONTACT--

Texas Board of Private Investigators and Private Security Agencies

## Working Conditions

- \* indoor/outdoor
- \* may work night shift
- \* often work alone

## Career Opportunities/Employment Outlook

Private investigators employed by licensed firms must be registered. Private investigators or security guards who are self-employed must be licensed as agencies. Employment for security guards is available with factories, private businesses, government installations, and schools. Opportunities are generally better in highly industrialized areas.

The annual employment for guards in Texas for 1978 was 22,300. An increase of 5% to 23,400 is the figure for 1985.

Salaries for private investigators and security guards may range from \$7,000 to \$28,000.

For more information on a career in investigation, CONTACT--

Texas Police Association  
Post Office Box 4247  
Austin, Texas 78765  
512/458-3140

postsecondary schooling?	NO
minimum age requirement?	YES, over 18
examination required?	POSSIBLE
employment outlook?	COMPETITIVE

## Job Description

Psychologists attempt to understand the traits and behavior of people and to explain their actions. Using established principles, they explore problem areas within individuals or groups and gather information through testing, observation, study of case histories, surveys, and experimentation. They do not prescribe drugs or treat medical disorders. A doctorate is necessary for career advancement.

## Job Requirements

- \* perseverance
- \* maturity, stability, sensitivity

## License Requirements (VACS Article 4512c)

### Certification

- \* United States citizenship
- \* Texas residency
- \* at least 21 years of age
- \* specialized education and training

### License

- \* certification as a psychologist
- \* two years experience in the field of psychological services

## Examination

- \* written

May be waived if applicant is a Diplomate of the American Board of Examiners in Professional Psychology.

## Restrictions on Licensing

- \* habitual addiction to drugs or alcohol
- \* fraud or deceit in practice of psychology

## Fees

### Psychologist

- \* \$65.00 for application (certification); \$50.00 (license)
- \* \$60.00 for examination
- \* \$15.00 for annual renewal (certification); \$50.00 (license)

### Psychological Associate

- \* \$50.00 for application (certification)
- \* \$15.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Examiners of Psychologists  
5555 North Lamar, Building H-126  
Austin, Texas 78751  
512/458-3295

## Education/Training

### Psychologist

- \* doctoral degree based on a program of primarily psychological studies from an accredited institution

### Psychological Associate

- \* master's degree based on a program of primarily psychological studies
- \* 450 clock hours of experience under supervision of licensed psychologist

For a listing of schools, CONTACT--

Texas State Board of Examiners of Psychologists

## Working Conditions

- \* interaction with people
- \* may conduct experiments in a controlled setting
- \* may be involved in research and/or lecture

## Career Opportunities/Employment Outlook

Over half of all psychologists work in educational institutions as counselors, researchers, or teachers. Others are employed by health facilities such as rehabilitation centers and clinics. Government agencies employ psychologists to administer tests and conduct rehabilitation counseling. Some work for corporations and research firms or as consultants. Under the supervision of a psychologist, those with master's degrees may collect and analyze data and interpret tests. With proper experience, assistants also may obtain certain school counseling jobs. Those with bachelor's degrees usually work as administrative or research assistants.

In Texas, there were 1,700 psychologists employed in 1978. A 6% increase, to 1,800, is expected by 1985.

Salaries of beginning psychologists with a doctorate range from \$14,000 to \$35,000 in Texas, depending on specialization and place of employment.

For more information on a career in psychology, CONTACT--

Texas Psychological Association  
Post Office Box 9404  
Austin, Texas 78766  
512/258-5351

postsecondary schooling?	YES, 6 or more years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	COMPETITIVE

## Job Description

Real estate sales agents and brokers represent property owners in selling or renting property. Agents sell real estate, handle rental properties, and obtain listings. They determine the fair market value, identify potential buyers, and show them the property. Real estate brokers develop building projects, manage properties, and make appraisals in addition to selling real estate. They are independent business people who employ sales agents, advertise properties, and manage industrial, or rental properties.

## Job Requirements

- \* maturity and honesty
- \* enthusiasm
- \* ability to communicate well

## License Requirements (VACS Article 6573a)

- \* United States citizen or legal alien
- \* Texas resident for at least 60 days
- \* at least 18 years of age
- \* sponsorship by a broker (sales agent only)
- \* specialized education and/or training

## Examination

- \* written
- \* study materials available

## Restrictions on Licensing

- \* conviction of a felony involving fraud
- \* material misrepresentation of property
- \* dishonest dealings

## Fees

### Sales Agent

- \* \$ 5.00 for examination
- \* \$20.00 for application
- \* \$20.00 for annual renewal

### Broker

- \* \$ 5.00 for examination
- \* \$40.00 for application
- \* \$40.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas Real Estate Commission  
Post Office Box 12188/Capitol Station  
Austin, Texas 78711  
512/475-6691

## Education/Training

### Sales Agent

- \* completion of 12 semester hours or 180 classroom hours in real estate courses from an accredited college or school

### Broker

- \* at least 2 years active experience as a real estate sales agent or broker, and
- \* at least 15 semester hours of acceptable courses; or
- \* a minimum of 60 semester hours of acceptable courses

For a listing of schools, SEE--

Directory of Schools Certificated Under Texas Proprietary School Act

## Working Conditions

- \* evening and weekend work
- \* extensive travel
- \* can work full or part-time

## Career Opportunities/Employment Outlook

Generally, beginning sales agents work in an established office. In a small office, they will be exposed to all types of duties, whereas in a large office they may specialize. Much of the new agent's time will be devoted to establishing a clientele and seeking listings. They may advance by becoming brokers, specializing in one type of property, or managing a real estate firm. Some sales agents pursue careers in appraising. Real estate brokers may employ sales agents, or operate a one-person business. Many brokers have entered franchise agreements, using a nationally known company name in exchange for a fee. They may speculate and purchase property that will facilitate development. Experienced brokers may join real estate departments of corporations or government agencies.

An increase of 5% is projected for real estate sales agents and brokers in Texas. The employment figure for 1978 was 32,600; for 1985, 38,500.

Salaries of brokers and sales agents are usually paid as commissions on sales.

For more information on a career in real estate, CONTACT--

Texas Association of Realtors  
Post Office Box 14488  
Austin, Texas 78761  
512/836-8630

postsecondary schooling?	YES
minimum age requirement?	YES, over 18
examination required?	YES
employment outlook?	COMPETITIVE

## Job Description

Sanitarians apply technical knowledge to the solution of problems of a sanitary nature. They develop environmental health programs, conduct public training sessions, and investigate public health complaints. Sanitarians determine and set health and sanitation standards for communities and industries in regard to food processing, solid waste disposal, sewage treatment, and water supplies. They evaluate existing programs and recommend improvements.

## Job Requirements

- \* attention to detail
- \* ability to communicate
- \* concern for environment

## License Requirements (VACS Article 4477-3)

- \* Texas resident for at least one year
- \* specialized education and training

## Examination

- \* written

## Restrictions on Licensing

- \* incompetence
- \* license fraudulently obtained
- \* unprofessional conduct

## Fees

- \* \$10.00 for registration
- \* \$ 5.00 for sanitarian-in-training registration
- \* \$ 8.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Health  
Department of Health Resources  
1100 West 49th Street  
Austin, Texas 78756  
512/458-7536



## Education/Training

### Sanitarian

- \* graduation from a recognized college or university with at least 15 semester hours in basic and/or natural science; plus
- \* at least one year experience in the field

### Sanitarian-in-Training

- \* graduation from a recognized college or university with at least 15 semester hours in basic and/or natural science

For a listing of schools, CONTACT--  
Texas State Board of Health

## Working Conditions

- \* may travel
- \* may instruct others

## Career Opportunities/Employment Outlook

Newly registered sanitarians generally enter the field as junior sanitarians. As experience increases, many advance to chief sanitarian. Employment possibilities are best in health departments or large industrial corporations. Many are employed by municipal or governmental agencies to supervise public health programs. Some actively inspect food establishments, schools, water supplies, and sewage systems. They may concentrate on the investigation of complaints or nuisances. The opportunities for sanitarians are best in areas with large populations and industries.

Employment for sanitarians in Texas is competitive. There are currently 1,800 registered sanitarians, with an average increase in registration of 100 per year.

Beginning salaries range from \$12,000 to \$14,000 per year.

For more information on a career as a sanitarian, CONTACT--

American Society of Sanitary Engineering, Texas Chapter  
5512 Dyer Street  
Dallas, Texas 75206  
214/363-8413

postsecondary schooling?	YES
minimum age requirement?	NO
examination required?	YES
employment outlook?	COMPETITIVE

## Job Description

Securities sales agents represent individuals and organizations in transactions concerning stocks, bonds, or other securities. They open accounts for customers and contact the securities exchange with the buy or sell order. They may give financial advice on securities purchases or sales, basing the advice on current market trends. Securities sales agents must continually monitor the economic and political situation, and also maintain accurate records of all transactions. They may specialize by type of customers or securities handled.

## Job Requirements

- \* ambition
- \* ability to work independently
- \* analytical ability

## License Requirements (VACS Article 581)

- \* character check
- \* financial and personal history check

## Examination

- \* general securities principles
- \* Texas Securities Act

## Restrictions on Licensing

- \* conviction of felony or misdemeanor including element of fraud
- \* inequitable business practice
- \* material misrepresentation

## Fees

- \* \$15.00 for agent application
- \* \$15.00 for agent annual renewal
- \* \$35.00 for dealer application
- \* \$35.00 for dealer annual renewal

For more information on licensing requirements, CONTACT--

State Securities Board  
1800 San Jacinto  
Austin, Texas 78701  
512/474-2233

## Education/Training

- \* on-the-job training
- \* college degree helpful

## Working Conditions

- \* work is cyclical
- \* much activity in office-like work area

## Career Opportunities/Employment Outlook

For beginning sales agents, many employers provide training programs which consist of both classroom instruction and on-the-job training. Sales agents then begin a probationary period to demonstrate their capabilities. Initially sales agents spend much time developing customer contacts. Once a clientele has been established, advancement may consist of increases in the volume and size of accounts handled. Some agents may advance into managerial positions, or become partners in established firms. Most sales agents work for a small number of large companies, either in main or branch offices.

The outlook for securities sales agents in Texas is good; however, demand fluctuates as the economy expands and contracts. In 1978, 7,600 were employed. In 1985, projections show 9,200, a 21% increase, will be needed.

Salaries for licensed securities sales agents are generally paid as commissions once the training period has been completed.

For more information on a career in securities sales, CONTACT--

Securities Industry Association  
Post Office Box 1727  
Austin, Texas 78767  
512/476-7171

postsecondary schooling?	NO
minimum age requirement?	NO
examination required?	YES
employment outlook?	GOOD

## Job Description

Social psychotherapists try to help people achieve more adequate, satisfying, and productive emotional lives by providing counseling and applied psychotherapy of a nonmedical nature to individuals, families, and groups. They use their knowledge of social resources, human capabilities and the part motivation plays in determining behavior in this service. Among the many professionals which may practice social psychotherapy are physicians, lawyers, social workers, psychologists, psychiatric nurses, priests, and other religious practitioners.

## Job Requirements

- \* concern for people
- \* emotional maturity
- \* ability to work independently

## License Requirements (VACS Article 4512f)

- \* Texas resident
- \* at least 21 years of age
- \* good moral character
- \* specialized education and training

## Examination

- \* written

## Restrictions on Licensing

- \* conviction of a felony
- \* habitually addicted to alcohol or drugs
- \* unprofessional conduct

## Fees

- \* \$75.00 for application
- \* \$85.00 for examination
- \* \$85.00 for license
- \* \$50.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas State Board of Examiners in Social Psychotherapy  
1100 West 49th Street  
Austin, Texas 78756  
512/458-7511

## Education/Training

- \* master's degree based on a program of studies designed to develop skill and competence in the use of psychotherapeutic methods; plus
- \* two years of relevant experience under the supervision of a licensed psychotherapist or equivalent

For a listing of schools, CONTACT--

Texas State Board of Examiners in Social Psychotherapy

## Working Conditions

- \* may deal with stressful situations
- \* may set own hours
- \* may freelance or work part-time

## Career Opportunities/Employment Outlook

Social psychotherapists may work for private or public agencies, or be self-employed. Some may devote time to research and teaching. Many are members of another profession.

Social psychotherapy is not classified as an occupation in itself; therefore, no employment projections or salary information is available.

For more information on a career in social psychotherapy, CONTACT--

Texas Chapter of the National Association of Social Workers  
718 Texas Commodore Building  
Eighth and Brazos  
Austin, Texas 78701  
512/476-2272

postsecondary schooling?	YES, 5 years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	UNKNOWN

## Job Description

Teachers help people of all ages master a specific skill or concept. Elementary school teachers play a vital role in the development of children. In addition to basic concepts, they help children learn obedience, cleanliness, punctuality and cooperation. Secondary school teachers instruct junior or senior high students in specific subjects. They may use various methods to present material including lectures, slides, field trips, films, and computer terminals. College and university teachers present an in-depth analysis of a particular subject. As a supplement to teaching, many participate in professional activities and conduct research in their fields. Some also act as advisors, helping students with graduation requirements and career choices.

## Job Requirements

- \* ability to communicate
- \* sense of fair play
- \* enthusiasm for working with others

## License Requirements (VTCA Education Code, Article 13.034)

- \* United States citizenship
- \* at least 18 years of age
- \* good moral character
- \* willing to support and defend the constitutions of Texas and America
- \* credit in knowledge of Texas and United States government and history
- \* ability to speak and understand English
- \* specialized education and/or training

## Examination

- \* none required

## Restrictions on Licensing

- \* violation of laws concerning teaching
- \* unworthiness in the instruction of youth
- \* abandonment of contract

## Fees

- \* \$2.00 for provisional certificate
- \* \$3.00 for professional certificate

For more information on licensing requirements, CONTACT--

Texas Education Agency  
158 East Riverside  
Austin, Texas 78704  
512/475-2721

## Education/Training

- \* completion of an approved program at an approved institute of higher learning and recommendation given for certification by that institution

For more information on specific certification levels and a listing of schools, CONTACT--

Texas Education Agency

## Working Conditions

- \* nine month working year
- \* lecture plus preparation time required

## Career Opportunities/Employment Outlook

Teachers may choose the grade level they wish to teach, whether preschool, elementary, secondary, or postsecondary. A higher level of education is required for college/university teaching. Teachers may be employed by private or public schools. Some may supplement their regular teaching duties by working as camp counselors, teaching summer session courses, or coaching athletic teams. Education and experience are the basis for advancement which is usually in the form of higher salaries, although some attain supervisory or administrative positions. Employment is largest in an expanding population area.

In Texas, the total number of teachers employed in 1978 was 184,200. This number is expected to increase to 190,300 in 1985 for a 3% overall increase. Specifically, elementary school teachers show an increase of 13%, secondary school teachers show no increase or decrease, and college/university teachers show a decrease of 13%.

Beginning salaries for public school teachers in Texas range from \$11,000 - \$13,000 per nine month working year.

For more information on a career in teaching, CONTACT--

Texas State Teachers Association  
316 West 12th Street  
Austin, Texas 78701  
512/476-5355

postsecondary schooling?	YES, 4-5 years
minimum age requirement?	YES, over 21
examination required?	NO
employment outlook?	COMPETITIVE

## Job Description

Veterinarians diagnose, treat, and control diseases in animals, as well as determine the extent of, and prescribe treatment for, injuries in animals. They help prevent the spread of animal disease to humans. Many specialize in small animals or house pets. Others concentrate on the health and breeding of cattle, sheep, horses, swine, and poultry. Some veterinarians inspect meat and poultry as part of government health programs.

## Job Requirements

- \* strength and stamina
- \* physical courage
- \* love of animals

## License Requirements (VACS Article 7465a)

- \* United States citizenship
- \* at least 21 years of age
- \* good moral character
- \* specialized education and training

## Examination

- \* written
- \* practical

## Restrictions on Licensing

- \* license fraudulently obtained
- \* habitual addiction to alcohol or drugs
- \* conviction of a felony

## Fees

- \* \$100.00 for application and license
- \* \$ 50.00 for annual renewal

For more information on licensing requirements, CONTACT--

Texas Board of Veterinary Medical Examiners  
Capital National Bank Building  
Austin, Texas 78701  
512/475-3933



## Education/Training

- \* graduation from a reputable, approved school or college of veterinary medicine

For a listing of schools, CONTACT--  
Texas Board of Veterinary Medical Examiners

## Working Conditions

- \* may travel in rural areas
- \* long and irregular working hours
- \* may be exposed to health hazards

## Career Opportunities/Employment Outlook

Most veterinarians are in private practice specializing in either domestic animals or livestock. Some are employed by government agencies such as the United States Department of Agriculture or the Public Health Service. Other employers of veterinarians are colleges of veterinary medicine, research laboratories, animal food companies, and large livestock farms. Usually veterinarians in urban areas specialize in small pets; those in rural areas treat farm animals; and small town veterinarians engage in general practice.

The outlook for veterinarians in Texas is good. An increase of 32% is forecast; from 1,700 in 1978 to 2,500 in 1985.

The average salary for beginning veterinarians in Texas is \$20,000.

For more information on a career in veterinary medicine, CONTACT--  
Texas Veterinary Medical Association  
Scarborough Building  
Sixth and Congress  
Austin, Texas 78701  
512/472-4224

postsecondary schooling?	YES, 6 years
minimum age requirement?	YES, over 21
examination required?	YES
employment outlook?	GOOD

The following occupations require only the payment of an annual license fee and/or an examination.

## BOXING PROMOTER

NO D.O.T.

Boxing promoters arrange, advertise, or conduct boxing or wrestling contests, matches, or exhibitions

The annual license fee ranges from \$20.00 - \$300.00, depending on size of the community.

Licensing Agency (VACS Article 8501-1)  
Texas Department of Labor and Standards  
5555 North Lamar  
Austin, Texas 78751  
512/475-4229

## DENTAL TECHNICIAN

D.O.T. 712.381

Dental laboratory technicians make, assemble, adjust, or reproduce any prosthetic or orthodontic dental appliance for human teeth or gums.

The annual license fee is \$15.00.

Licensing Agency (VACS Article 4451f)  
Texas State Board of Dental Examiners  
718 Southwest Tower  
7th and Brazos  
Austin, Texas 78751  
512/475-4229

## INTERPRETER FOR THE DEAF

D.O.T. 137.267

The newly created Texas Commission for the Deaf is working toward registration of interpreters for the deaf. As of this writing, a licensing agency has not been established. For more information, CONTACT--

Texas Commission for the Deaf  
510 South Congress Avenue  
Austin, Texas 78704  
512/475-2492

## IRRIGATOR

D.O.T. 851.383

---

Irrigators sell, design, install, or service irrigation systems connected to private or public water supply systems. Installers perform the actual connection to the water supply. An examination is required.

The annual license fee is \$50.00 for irrigators and installers.

Licensing Agency (VACS Article 8751)

Texas Board of Irrigators  
Post Office Box 12337/Capitol Station  
Austin, Texas 78711  
512/475-8161

## PUBLIC WEIGHER

D.O.T. 168.267

---

Public weighers issue a certification of weight upon which sales transactions of a commodity are based. The three classifications of public weighers are: state-appointed, independent, or deputy.

The annual license fee is \$5.00.

Licensing Agency (VACS Article 5680)

Texas Department of Agriculture  
Stephen F. Austin Building  
Austin, Texas 78701  
512/475-6577

## PESTICIDE APPLICATOR, COMMERCIAL

D.O.T. 389.684

---

Structural pest control applicators use, or supervise the use, of any restricted or state limited-use pesticide, including those used for pest, termite, insect, or weed control.

The annual license fee is \$20.00 for applicators, and \$50.00 for businesses.

Licensing Agency (VACS Article 1356-6)

Structural Pest Control Board of Texas  
5555 North Lamar, Building H-123  
Austin, Texas 78751  
512/454-3617

# APPRENTICESHIP IN TEXAS

---

---

---

As practiced today in the United States, apprenticeship can be defined as training for occupations which require a wide and diverse range of skills and knowledge, as well as maturity and independent judgement. It involves planned, day-to-day, on-the-job training and experience under proper supervision, combined with technical studies in subjects related to the trade.

There are over 700 apprenticeable occupations in which the participant trains under the direction of experienced craftworkers. These programs are conducted by employers, often jointly with labor unions. The apprentice gains practical experience as a worker on the job--possibly in a factory, laboratory, office, or at a construction site. Related classroom instruction is often provided in State-supported schools or colleges, or privately-owned training facilities. The apprenticeship periods last from 1 to 6 years, with most trades requiring 3 to 5 years of organized training and instruction. Apprentices are paid by their employers while they learn--usually at progressive rates from a starting wage of about half the skilled craftworkers rate, to 90% of full pay near the end of the apprenticeship. A certificate of completion is given by the Bureau of Apprenticeship and Training of the U.S. Department of Labor when the required training has been completed.

A few of the skilled trades in which apprentices are found are automotive mechanic, butcher, most of the building and construction trades, compositor, electronic technician, pattern-maker, machinist, optical technician, lithographer, and medical and dental technician.

To be eligible for apprenticeship programs, men and women must be at least 16 years old, physically able to do the work required, and have a high school diploma or an equivalency certificate.

In Texas, governments, industry, labor unions, non-union organizations, and the education system are working together to produce skilled craftworkers. The Bureau of Apprenticeship and Training helps industries set up programs, registers programs which meet their standards, and certifies apprentices who have completed training. The regional offices of this agency maintain files of programs available to prospective job seekers in the area.

In 1979 the Texas Legislature created the Apprenticeship Training Program, which provides State funds for apprenticeship related, preparatory, and supplementary instruction in a trade that has been certified as an apprenticeable occupation by the Bureau of Apprenticeship and Training. School districts which have contracts

with apprenticeship committees, comprised of local business and union representatives, use the money for classroom instruction. Coordination of activities and distribution of the funds for secondary programs are developed by the Apprenticeship and Training Advisory Committee. The Texas College and University System's Coordinating Board funnels State funds for related studies to postsecondary institutions.

There are currently nearly 1,000 apprenticeship programs in Texas, with over 17,000 apprentices in training. Training programs are especially rich in areas of heavy industrial employment. Houston is a good example of a well-developed region. It is the home of the only Apprenticeship Opportunity Center in the State--a place where a prospective apprentice can find information about programs, testing, and employment opportunities.

For more information, contact the Bureau of Apprenticeship and Training office in your region, or the Center in Houston, at the following locations:

Austin

Carrol Foren, Texas State Director, BAT  
300 East 8th Street, Room 578  
Austin, Texas 78701  
512/397-5636

Dan Lowe, Coordinator,  
Apprenticeship and Training  
Texas Education Agency  
201 East 11th Street  
Austin, Texas 78701  
512/475-3129

Beaumont

Frank Herring  
300 Willow Street, Room 324  
Beaumont, Texas 77001  
713/838-0271, ext. 215

Corpus Christi

Valerie Caddell  
3765 South Alameda, Room 425  
Corpus Christi, Texas 78411  
512/888-3328

Dallas

William Hogan, Raymond Federle  
1499 Regal Row, Suite 503  
Dallas, Texas 75247  
214/767-7785

El Paso - temporarily serviced by

Harry Lamkin  
505 Marquette, NW  
Albuquerque, New Mexico 87102  
505/766-2398

Fort Worth

John Piekarski  
819 Taylor Street, Room 908A  
Fort Worth, Texas 76102  
817/334-3486

Houston

Claude Gray, Stelley Bradshaw,  
Vernon Coleman  
2320 LaBranch, Room 2102  
Houston, Texas 77004  
713/226-4237

Apprenticeship Opportunity Center  
Berton Gales  
3011 San Jacinto  
Houston, Texas 77004  
713/520-0658

Lubbock

Kenneth Lamkin  
1205 Texas Avenue, Room 422A  
Lubbock, Texas 79401  
806/762-7650

San Antonio

Clinton Lowe  
727 East Durango, Room B414  
San Antonio, Texas 78206  
512/229-6230

## PRINTED SOURCES

---

---

1. Dictionary of Occupational Titles, 4th Edition. Washington, D.C., U.S. Department of Labor, 1977.
2. Encyclopedia of Careers and Vocational Guidance, 2 volumes, 3rd Edition. Ferguson, 1975.
3. Handbook of Trade and Technical Careers and Training: Accredited Private Trade and Technical Schools, 1979-80 Edition. Washington, D.C., National Association of Trade and Technical Schools, n.d.
4. Health Careers Guidebook, 4th Edition. Washington, D.C., U.S. Department of Labor, 1979.
5. Job Scene 1985: Employment Projections by Specific Industries and Occupations. Austin, Texas Employment Commission, 1977.
6. Lovejoy's College Guide, by Clarence E. Lovejoy. New York, Simon and Schuster, 1979.
7. National Apprenticeship Program, Revised Edition. Washington, D.C., U.S. Department of Labor, 1976.
8. Occupational Outlook Handbook, 1978-79 Edition. Washington, D.C., U.S. Department of Labor, 1978.
9. Occupational-Technical Programs in Post-Secondary Institutions in Texas: 1980-82 Information Guide and Directory. Austin, Texas Education Agency, n.d.
10. School Certificated Under Texas Proprietary School Act and Schools Offering Courses Approved for Veterans. Austin, Texas Education Agency, 1979. Annual.



