

DEGREES AND CERTIFICATES

Associate of Arts Degree (AA)

The Associate of Arts (AA) program is an academic transfer degree designed for students who will ultimately be pursuing a Bachelor's degree at a four-year college/university that is not math or science oriented. Examples of this type of four-year degree are: Business, Liberal Arts, History, Speech, Music, Education, Criminal Justice, etc.

Panola College AA is a generalized degree that will not list a specific major. While certain courses are recommended, the requirements are essentially the basic first and second year equivalent of many bachelor's degrees.

Associate of Science Degree (AS)

The Associate of Science (AS) program is an academic transfer degree designed for students who will ultimately be pursuing a Bachelor of Science degree at a four-year college/university. At Panola College, the AS degree is a generalized degree that will not list a specific major but will be called Associate of Science. Some examples are, but not limited to: Engineering, Biology, Chemistry, etc.

Panola College AS is a generalized degree that will not list a specific major. While certain courses are recommended, the requirements are essentially the basic first and second year equivalent of many bachelor's degrees.

Associate of Arts in Teaching (AAT)

Leading to Initial Texas Teacher Certification

- **EC-6 Generalist**
An academic transfer degree leading to a bachelor's degree for individuals seeking Texas teacher certification.
- **Grades 4-8 Generalist**
An academic transfer degree leading to a bachelor's degree for individuals seeking Texas teacher certification.
- **Grades 6-12, 7-12, 8-12, EC-12 Other Than Special Education**
An academic transfer degree leading to a bachelor's degree for individuals seeking Texas teacher certification.

Academic Fields of Study

In accordance with Texas Education Code, §61.823, the Board approves field of study curricula for certain fields of study/academic disciplines. Field of study curricula shall be developed with the assistance of advisory committees whose membership includes at least a majority of members who are teaching faculty (as defined by §4.23(8) of this title, relating to Definitions for Core Curriculum and Field of Study Curricula) within the field of study under consideration.

- a) If a student successfully completes a field of study curriculum developed by the Board, that block of courses may be transferred to a general academic teaching institution and must be substituted for that institution's lower-division requirements for the degree program for the field of study into which the student transfers, and the student shall receive full academic credit toward the degree program for the block of courses transferred.
- b) A student who transfers from one institution of higher education to another without completing the field of study curriculum of the sending institution shall receive academic credit in the field of study curriculum of the receiving institution for each of the courses that the student has successfully

completed in the field of study curriculum of the sending institution. Following receipt of credit for these courses, the student may be required to satisfy the remaining course requirements in the field of study curriculum of the receiving institution, or to complete additional requirements in the receiving institution's program, as long as those requirements do not duplicate course content already completed through the field of study curriculum.

- c) A student concurrently enrolled at more than one institution of higher education shall follow the field of study curriculum requirements of the institution at which the student is classified as a degree-seeking student.

The Field of Study curriculum is designed to satisfy the lower division requirements for a bachelor's degree in a specific area at four-year colleges in the state of Texas.* Fields of Study offered by Panola College include

- **Business Administration & Management (FOS adds 3 hours to degree completion)**
- **Criminal Justice**
- **Drama**
- **English Language & Literature**
- **Health Science - Nursing**
- **Music (modified for degree completion)**
- **Political Science & Government**

**Field of Study completion does not guarantee admission to a four-year institution in the state of Texas.*

Texas Core Curriculum Law

The Core Curriculum is the curriculum in liberal arts, humanities, sciences, political, social and cultural history that all undergraduate students of an institution of higher education are required to complete before receiving an academic undergraduate degree. Each institution of higher education shall adopt a core curriculum of no fewer than 42 semester hours, including specific courses comprising the curriculum.

If a student completes the core curriculum at a Texas public institution of higher education, that block of courses may be transferred to any other Texas public institution of higher education and must be substituted for the receiving institution's core curriculum. A student shall receive academic credit for each of the courses transferred and may not be required to take additional core curriculum courses at the receiving institution unless the Coordinating Board has approved a larger core curriculum at that institution.

A student who transfers from one institution of higher education to another without completing the core curriculum of the sending institution shall receive academic credit from the receiving institution for each of the courses that the student has successfully completed in the core curriculum of the sending institution. Following receipt of credit for these courses, the student may be required to satisfy further course requirements in the core curriculum of the receiving institution.

Panola College Academic Core Curriculum

The Panola College Core Curriculum was approved in 2014 and follows the matrix developed by the Texas Higher Education Coordinating Board. It was developed by the Panola College Core Curriculum Committee, approved by the College's Curriculum Committee and then by the Board of Trustees of the College. Changes may be submitted periodically to and approved by the Texas Higher Education Coordinating Board. Students planning to transfer to public institutions of higher education in Texas should follow the Core carefully. For those students planning to attend private or out-of-state institutions, the Core provides an excellent model.

Associate of Applied Science Degree (AAS)

The AAS program is a two-year degree plan designed for students who want to pursue training so they can quickly enter the workforce.

Career and Technology Certificates

Certificates (CERT) are programs of study that vary in length and are designed to prepare the student for occupational employment. The certificate is awarded upon completion of specific courses that have been industry validated and sequenced for the purpose of developing and upgrading skills in an occupation. Some examples are: Cosmetology, General Business, Medical Assisting, Petroleum Technology, Vocational Nursing, and Welding. The career and technology program of study has a competency-based curriculum organized to teach industry-driven educational outcomes in terms of appropriate skills, knowledge and perspectives needed by students to enter and succeed within a designated occupational field or fields.

The Associate of Applied Science degree and the Certificate of Completion meet the Guarantee of Job Competency. Transfer options may exist at many colleges/universities through the Bachelor of Applied Arts and Sciences degree (BAAS).

For proper course selection, students should contact the person designated as program advisor or a Panola College advisor. Special services may be available for students enrolled in career/technical education programs. Contact the career/technical advisor in the Student Success Center for information.

It is the responsibility of each student to keep apprised of current graduation requirements for a certificate or degree program in which he or she is enrolled.

Guarantee of Job Competency

If a recipient of an Associate of Applied Science Degree or Certificate of Completion is judged by his/her employer to be lacking in technical job skills identified as exit competencies for his/her specific degree program, the graduate will be provided with up to twelve (12) tuition-free credit hours of additional skill training by Panola College under the conditions of the guarantee policy. Special conditions which apply to the guarantee include the following:

The graduate must have earned the Associate of Applied Science degree or Certificate beginning May 1993 or thereafter in a technical or occupational program identified in the College's general catalog.

The graduate must have completed requirements for the Associate of Applied Science degree or Certificate of Completion with Panola College, with a minimum of 75 percent of credits earned at Panola College and must have completed the degree or certificate within a five-year span.

Graduates must be employed full-time in an area directly related to the area of program concentration as certified by the Vice President of Instruction.

1. Employment must have commenced within 12 months of graduation.
2. The employer must verify in writing that the employee is lacking entry-level skills identified by Panola College as program exit competencies and must specify the areas of deficiency within 90 days of the graduate's initial employment.
3. The employer, Vice President of Instruction, career/technical counselor and an appropriate faculty member will develop a written educational plan for retraining.
4. Retraining will be limited to 12 credit hours related to the identified skill deficiency and those classes regularly scheduled during the period covered by the retraining period.
5. All retraining must be completed within a calendar year from the time the educational plan is agreed upon.
6. The graduate and/or employer will be responsible for the cost of books, insurance, uniforms, fees and other course-related expenses.
7. The guarantee does not imply that the graduate will pass any licensing or qualifying examination for a particular career. A student's sole remedy against Panola College and its employees for skill deficiencies shall be limited to 12 credit hours of tuition-free education under the conditions described above. Activation of the "Graduate Guarantee Program" may be initiated by the graduate by contacting the Vice President of Instruction within 90 days of the graduate's initial employment.

TSI Waived Programs

The following students shall be exempt from the requirements of this title, whereby exempt students shall not be required to provide any additional demonstration of college readiness and shall be allowed to enroll in any entry-level freshman course as defined in §4.53(12) of the Texas Administrative Code:

- A student who is enrolled in a certificate program of one year or less (Level-One certificates, 42 or fewer semester credit hours or the equivalent) at a public junior college, a public technical institute, or a public state college.
- A student who is serving on active duty as a member of the armed forces of the United States, the Texas National Guard, or as a member of a reserve component of the armed forces of the United States and has been serving for at least three years preceding enrollment.
- A student who on or after August 1, 1990, was honorably discharged, retired, or released from active duty as a member of the armed forces of the United States or the Texas National Guard or service as a member of a reserve component of the armed forces of the United States.

Certificate	Semester Hours
Administrative Assistant	33
Construction Technology I	15
Construction Technology II	15
Cosmetology – Instructor	20
Cosmetology – Nail Technology	17
Cosmetology – Operator	42
Digital Media Design & Development	20
Emergency Medical Technology	42
Forklift Operator Certification	7
General Business	32
General Office	16
Heating, Ventilation, and Air Conditioning	16
Maintenance Technician I	17
Maintenance Technician II	17
Marketable Skills, Microsoft Office	12
Medic First Aid CPR/AED Compliance	7
Medical Assisting	28
Medical Coding Technician	34
Microcomputer Software Operator	20
Microcomputer Support Specialist	36
Natural Gas Compression I	16
Natural Gas Compression II	16
Personal Computer Technical Support	20
Petroleum Technology I	16
Petroleum Technology II	16
Ranch & Land Management I	17
Ranch & Land Management II	17
Residential/Commercial Electrician	18
Vocational Nursing	42
Welding – Basic	17
Welding – Intermediate	16

VICE PRESIDENT OF INSTRUCTION

It is my sincere pleasure to welcome you to Panola College. The College faculty and staff are committed to creating an academically challenging, dynamic, and hospitable environment for all students.

Panola College is dedicated to cultivating responsible citizen scholars who will flourish during their careers and beyond. The College strives to inspire in each student an understanding of the important contributions an individual can make in society. Since 1947, Panola College has been providing academic and career focused education to a diverse student population. At Panola we are committed to help you achieve your personal, professional and academic goals by providing you with an unparalleled level of student support.

From the time you apply through the time you graduate, and beyond, you'll belong to a community of dedicated faculty, staff, administrators, advisors, mentors, classmates and alumni. Our co-curricular activities promote the development of the "whole student." Panola offers both resident and commuter students from all academic disciplines a wide array of engaging social, athletic, and cultural events and programs that will aid them in achieving that all-important balance.

Vice President of Instruction

Dr. Billy Adams
Miller Administration Building
Carthage, Texas 75633
(903) 693-2028

About the Vice President of Instruction

The chief instructional officer is responsible for the administrative leadership and management of the academic programs; updating of the academic plan and strategies, allocating of instructional resources in support of the strategic goals, and developing/sustaining articulation agreements and community-based partnerships that enhance the institutional mission and the students' success. The Vice President of Instruction coordinates responsibilities to work with the faculty, staff, and other College administrators including the financial and student services leadership to advance the institutional mission and to enhance shared governance.

The Vice President of Instruction supervises the Academic Schools, Accreditation and Compliance Services, Information Technology, Learning Resources, Grants and Sponsored Research, Teaching and Learning Center, E-Learning Services, and Early College Programs as well as Assessment of Student Learning, Institutional Effectiveness, Preparatory Studies, and Supplemental Instruction. Other responsibilities include hiring of credentialed faculty and the evaluation of faculty. The Vice President of Instruction is the regional accreditation liaison.

Mission Statement

The Mission of Instruction is to ensure high quality courses and outstanding programs in various delivery modes to all individuals who desire to pursue higher education. The Vice President of Instruction is authorized and directed to further the interests of the College;

- provide primary leadership for the instructional programs of the College;
- convene and chair the Dean's Council;
- consult with and advise Academic Deans in the employment, retention, and termination of faculty members and prepare and submit to the President appropriate recommendations;
- work with other appropriate personnel in, and be responsible for, the preparation and coordination of such publications as the College catalog, class schedules, final examination schedules, and book lists;

- develop and maintain familiarity with the policies and programs of state, regional and federal agencies and accrediting bodies related to the educational work of the College and utilize this knowledge in carrying out the duties of the office;
- work to resolve the any problems arising among members of the faculty, between students and faculty, and with both students and faculty in their relationships with various segments of the College;
- serve on the Executive Council;
- implement and monitor the Instructional Program Review Policy;
- coordinate and oversee the instructional elements of the budget;
- and supervise faculty and staff involved in teaching and provide learning resources, and conduct recruitment and employment of personnel for such positions with final approval of the President.

ACADEMIC SCHOOLS

The School of Liberal Arts and Sciences

Natalie Oswalt, noswalt@panola.edu

Dean, Arts, Science & Technology

Merle Glass Building, (903) 693-2095

- Department of Education
- Department of Humanities and Fine Arts
- Department of Kinesiology
- Department of Preparatory Studies
- Department of Science and Mathematics
- Department of Social and Behavioral Sciences

The School of Nursing and Health Sciences

Kelly Reed-Hirsch, kreed-hirsch@panola.edu

Dean of Health Sciences

Health and Natural Sciences Building, (903) 694-4022

- Department of Associate Degree Nursing/Registered Nurse
- Department of Emergency Medical Technology
- Department of Health Information Technology
- Department of Licensed Vocational Nursing
- Department of Medical Assistant
- Department of Medical Laboratory Technology
- Department of Occupational Therapy Assistant

The School of Professional and Technical Programs

Natalie Oswalt, noswalt@panola.edu

Dean, Arts, Science & Technology

Merle Glass Building, (903) 693-2095

- Department of Business
- Department of Computer Information Technology
- Department of Cosmetology
- The School of Energy
 - Department of Agriculture and Natural Resources
 - Department of Energy
- Department of Welding

Division of Workforce and Continuing Education

Whitney McBee, wmcbee@panola.edu

Director of Workforce and Continuing Education

W. C. Smith Building, (903) 693-1192

COLLEGE DIVISIONS

Division of Library Services

Cristie Ferguson

Director, M. P. Baker Library

(903) 693-2091

cferguson@panola.edu

Division of Workforce and Continuing Education

Whitney McBee

Director, Workforce and Continuing Education

W. C. Smith Building

(903) 693-2067

wmcbec@panola.edu

Division of Distance Learning

Teresa Brooks

Dean, Distance and Digital Learning

Gullette Technology Building

(903) 693-2060

tbrooks@panola.edu

Marshall College Center

Laura Wood

Director, Harrison & Marion County Operations

Marshall Mall, Marshall, Texas

(903) 935-5039

lwood@panola.edu

Shelby College and Shelby Regional Training Center

Cancee Lester

Director, Shelby County Operations

Shelby Regional Training Center, Center, Texas

(936) 591-9075

clester@panola.edu

DEPARTMENT HEADS

VICE-PRESIDENT		
Adams	Billy	Vice President of Instruction
DEAN		
Brooks	Teresa	Dean of Distance and Digital Learning
Oswalt	Natalie	Dean of Arts, Science & Technology
Reed-Hirsch	Kelly	Dean of Health Sciences
COORDINATOR		
Cassell	Savannah	Coordinator, Testing Center
King	Terrie	Coordinator, Fieldwork OTA
Reardon	Texas	Educational Technology Coordinator/Webmaster
Walker	Rebecca	Coordinator, Simulation Lab Nursing Programs
DIRECTOR		
Ferguson	Cristie	Director of Library Services
Lester	Cancee	Director of Shelby County Operations
McBee	Whitney	Director of Workforce and Continuing Education
Walker	Tryphena	Director of Institutional Planning
Wood	Laura	Director of Harrison and Marion County Operations
DEPARTMENT CHAIR		
Brooks	Teresa	Department of Preparatory Studies
Cassell	Clint	Department of Welding Technology
Hanson	Lynn	Department of Health Information Technology
Hanson	Lynn	Department of Medical Assisting
Ferguson	Dwayne	Department of Business
Fults	Paula	Department of Cosmetology
Gruber	Betty	Department of Certified Nurse Aide Training
Hall	Daniel	School of Energy
Hall	Sherlynn	Department of Science and Mathematics
Hall	Sherlynn	Department of Kinesiology
Hall	Sherlynn	Department of Social and Behavioral Sciences
Jackson	Annissa	Associate Degree Nursing
Johnson	Charlene	Department of Computer Information Technology
Lambert	Cheri	Department of Occupational Therapy Assistant
McDaniel	Daron	Department of Humanities and Fine Arts
Morton	Ronold	Department of Emergency Medical Services
Russell	Jo Ellen	Department of Medical Lab Technology
Staff		Department of Vocational Nursing
Watlington	Kathy	Department of Education

THE SCHOOL OF LIBERAL ARTS AND SCIENCES

Welcome to the School of Liberal Arts and Sciences at Panola College. The faculty in the School of Liberal Arts and Sciences are known for their contributions in teaching and community service activities. Our students develop the skills of communication, reasoning, and analysis necessary to succeed in a rapidly changing technological and global environment.

The School of Liberal Arts and Sciences provides the liberal arts and sciences coursework for most students in other schools on the Panola College campus. As an academic community, the School of Liberal Arts and Sciences is committed to the belief that expanding our knowledge of the liberal arts and sciences will enable us to live better lives and to contribute more to society.

Dean

Natalie Oswald
Merle Glass Building
Carthage, Texas 75633
(903) 693-2095

Mission Statement

The School of Liberal Arts and Sciences is a professional organization of five departments and programs spanning the arts and humanities, social sciences, and sciences. The members of the College are:

- Dedicated to the liberal arts that teach our students to question critically, think logically, communicate clearly, act creatively, and live ethically. These skills serve as the foundation for living the examined life and succeeding in an increasingly global, ever-changing workplace.
- Engaged in creative activity, basic and advanced scholarship that promotes disciplinary and interdisciplinary knowledge.

About the School of Liberal Arts and Sciences

The School of Liberal Arts and Sciences is organized into five academic departments:

- Department of Education
- Department of Humanities and Fine Arts
- Department of Kinesiology
- Department of Preparatory Studies
- Department of Science and Mathematics
- Department of Social and Behavioral Sciences

DEPARTMENT OF EDUCATION

Chair

Dr. Kathy Watlington
Gullette Technology Building
Carthage, Texas 75633
(903) 693-2076

The Associate of Arts in Teaching (AAT) degree is a Texas Higher Education Coordinating Board-approved (THECB) collegiate degree program. It consists of lower-division (community college) courses intended for transfer to baccalaureate programs that lead to initial Texas teacher certification.

It is the responsibility of each student to know the specific requirements of the college or university to which he or she plans to transfer. This responsibility includes knowing course requirements, assessments, number of credit hours accepted, and required grade point average for admission. Each AAT candidate is strongly encouraged to contact the teacher preparation advisor prior to enrolling in courses required for the AAT.

Should students decide to complete the AAT degree and not transfer to a baccalaureate program, this degree meets the “No Child Left Behind” requirements for paraprofessionals. In addition, completion of the AAT degree is much like that of an Associate of Arts or Associate of Science degree in that it may qualify candidates for work that requires a minimum of an associate degree.

Field Experience

Some courses required for completion of the AAT degree include a field experience component. Field experience is state-mandated; therefore, neither Panola College nor the instructors have the power to grant an exemption. Information regarding the required documentation for field experience is included in course materials. Field experience is an invaluable component of the AAT degree as well as the overall learning experience. It gives the AAT candidate the opportunity to learn in a public school setting or in an early childcare facility.

In accordance with the Texas Education Code and/or rules published by the Texas Department of Family and Protective Services, a Criminal History Check (CHC) will be conducted on each student enrolled in a course at Panola College that requires field experience at a public school or early childcare facility. If criminal history check requirements are not met, the AAT candidate will not be allowed to complete the required field experience component. Any additional requirements with regard to field experience must be satisfied as required by the public school. Fees are the responsibility of the AAT candidate.

AAT Curricula

Students who fully complete this course of study will be eligible to apply for the Associate of Arts in Teaching degree at Panola College. Three AAT curricula, which include a maximum of 60 semester credit hours (SCH) of coursework, are available.

- EC-6
- 4-8, EC-12 Special Education
- 6-12, 7-12, 8-12, EC-12 Other than Special Education

Texas Higher Education Coordinating Board

The information below is provided by the Texas Higher Education Coordinating Board (<http://www.theccb.state.tx.us/>).

Note: Completion of an AAT does not necessarily guarantee admission to a university teacher education program. Any additional requirements with regard to grade point average and assessments (i.e., Texas Higher Education Assessment or its equivalents) must be satisfied as required by the receiving university.

ASSOCIATE OF ARTS IN TEACHING

(common requirements for all three plans - 44 hours)

Communication	9 hours	ENGL 1301, 1302, SPCH 1315
Mathematics	3 hours	MATH 1314
Natural Science	8 hours	BIOL 1406, 1407, 1408, 1409 GEOL 1403 PHYS 1403, 1404 *See degree plan for specific requirements
Humanities	3 hours	ENGL 2322, ENGL 2323 (English majors take HUMA 1301)
Visual & Performing Arts	3 hours	ARTS 1301, DRAM 1310, MUSI 1306
Social Sciences	12 hours	HIST 1301, 1302, GOVT 2305, 2306
Behavioral Sciences	3 hours	GEOG 1303, PSYC 2301
Institutionally Designated Option	3 hours	BCIS 1305*

*For students transferring to UT Tyler, PSYC 2314 is required instead of BCIS.

EC-6, 4-8, EC-12 SPECIAL EDUCATION

(in addition to common requirements - 16 hours)

Math	6 hours	MATH 1350, 1351
Natural Science	4 hours	Select from Common Requirement list above Select from three different areas (BIOL, GEOL & PHYS)
Education	6 hours	EDUC 1301, 2301

6-12, 7-12, 8-12, EC-12 OTHER THAN SPECIAL EDUCATION

(in addition to common requirements - 16 hours)

Education	6 hours	EDUC 1301, 2301
Required Electives	10 hours	EDUC 1101/PSYC 1100 9 hours in certification area (see advisor)

ASSOCIATE OF ARTS IN TEACHING

Leading to Initial Texas Teacher Certification

EC-6

AAT Components – Total: 60 SCH

- Completed core curriculum (42 SCHs) PLUS:
- MATH 1350, MATH 1351, or equivalent (6 SCHs)
- Additional science beyond the core curriculum (6 SCHs)
- EDUC 1301, EDUC 2301 (6 SCHs)

EC-Grade 6 Certification (areas)

- EC-6 Generalist
- EC-6 Bilingual Generalist
- EC-6 ESL Generalist
- EC-6 other content area teaching fields/academic disciplines/interdisciplinary TBA

4-8, EC-12 Special Education

AAT Components – Total: 60 SCH

- Completed core curriculum (42 SCHs) PLUS:
- MATH 1350, MATH 1351, or equivalent (6 SCHs)
- Additional science beyond the core curriculum (6 SCHs)
- EDUC 1301, EDUC 2301 (6 SCHs)

Grade 4-8 Certification (areas)

- 4-8 Generalist
- 4-8 Bilingual Generalist
- 4-8 ESL Generalist
- 4-8 English Language Arts & Reading
- 4-8 English Language Arts & Reading and Social Studies
- 4-8 Mathematics
- 4-8 Science
- 4-8 Mathematics and Science
- 4-8 Social Studies
- 4-8 other content area teaching fields/academic disciplines/interdisciplinary TBA

EC-Grade 12 Special Education Certification

- EC-12 Special Education
- EC-12 other Special Education certificates TBA (i.e., Teacher of the Deaf and Hard of Hearing)

Grades 6-12, 7-12, 8-12, EC-12 Other Than Special Education

AAT Components – Total: 60 SCH

- Completed core curriculum (42 SCHs) PLUS:
- EDUC 1301, EDUC 2301 (6 SCHs)
- Content area teaching fields/academic disciplines (12 SCHs)

Grade 8-12 Certification (areas)

- 7-12 History
- 7-12 Social Studies
- 7-12 Mathematics
- 7-12 Life Sciences
- 7-12 Physical Sciences
- 7-12 Science
- 7-12 English Language Arts & Reading
- 8-12 Computer Science
- 8-12 Technology Applications
- 8-12 Health Science Technology Education
- 7-12 Speech
- 7-12 Journalism
- 6-12 Business Education
- 8-12 Marketing Education
- 8-12 Mathematics & Physics
- 6-12 Agricultural Sciences and Technology
- 6-12 Technology Education
- 6-12 Family and Consumer Sciences
- 8-12 Dance
- 8-12 Mathematics & Physical Science & Engineering
- 8-12 Human Development and Family Studies
- 8-12 Hospitality, Nutrition and Food Sciences
- 7-12 Other content area teaching fields/academic disciplines TBA (i.e., Chemistry)
- 7-12 Spanish

EC-Grade 12 Certification other than Special Education

- EC-12 Music
- EC-12 Physical Education
- EC-12 Art
- EC-12 Health
- EC-12 Theatre Arts
- EC-12 Technology Applications
- EC-12 Languages other than English
- EC-12 Other non-special education fields

DEPARTMENT OF HUMANITIES AND FINE ARTS

Chair

- Daron McDaniel

Professors

- Bauer, Sandra - Vocal Music
- Brooks, Jeff – English
- Clements, Amanda – Art
- Collins, Chris – English/Preparatory Studies
- Hall, Dr. Sherlynn – Humanities
- Handley, Haylie – English/Humanities
- Hooten, Patricia - Speech
- Hubbard, Dwaine - Instrumental Music
- King, Karen - Theater
- McDaniel, Daron - Speech
- Mothershed, Tamra - English
- Watlington, Kathryn – Spanish
- Wylie, Jaynellen - English/Preparatory Studies

Areas of Study

- Art
- English Language & Literature Field of Study
- Foreign Language
- Instrumental Music
- Speech
- Theater
- Vocal Music

Mission Statement

The Department of Humanities, Communications, and Fine Arts provides a comprehensive education in which we are dedicated to enlightening students about the world and inculcating in them the ability to think critically and communicate effectively in their professional and personal lives, and to apply their skills and knowledge to support their communities' cultural, civic, and economic growth.

Suggested Plans

A student who plans to obtain a degree from Panola College should arrange his or her program at the College to meet the requirements of the particular senior college to which the student plans to transfer. An academic advisor will work with a student to develop a degree plan which agrees with the requirements of the student's field of study and declared transfer institution. Academic programs at Panola College that lead to the Associate of Arts or Associate of Science degrees require a minimum of 60 hours, but a student can plan to transfer additional hours to a senior institution. The College's academic core contains 42 hours and is the basis for all academic degrees available at the College.

Notification to Students of Transfer Limitations: Be aware that limits exist on the number of lower-division (freshman and sophomore) courses that Texas public universities accept in transfer. In many cases, the maximum number of lower-division semester credit hours accepted in transfer is 66, although some universities may accept slightly more in special cases. It is the responsibility of each student to keep apprised of graduation requirements for a certificate or degree program in which he or she is enrolled. Students planning a program of study should do so in conjunction with a College mentor, following a suggested program of study printed in this catalog.

Degree Audit: Each returning student should be certain to print a degree audit from his/her on-line student file prior to registration. This degree audit will indicate to the student those courses completed, those courses in progress and those courses yet to be taken. The audit will also indicate the student's grade point average.

DEPARTMENT OF KINESIOLOGY

Chair

- Dr. Sherlynn Hall

Professors

- Andreatta, Jacky – Head Athletic Trainer/Kinesiology
- Collins, Jeff – Rodeo Coach/Kinesiology
- Nicole Thorn – Head Coach, Women’s Volleyball/Kinesiology
- Kite, Eddie – Head Coach, Women’s Basketball/Kinesiology
- Smith, Aaron – Head Coach, Men’s Basketball/Kinesiology
- Shelton, Todd - Head Coach, Men’s Baseball/Kinesiology

Areas of Study

- Kinesiology & Exercise Science Field of Study (pending approval)

Mission Statement

The department of Kinesiology provides one-hour, transferable physical activity classes that promote lifetime fitness skills. Three-hour academic classes are offered for students pursuing a degree in kinesiology and coaching. Being physically active means strengthening one's cognitive processes and sharpening one's skills as a result of activity. Activity is also a great way to keep the body in shape and help it fend off illness while keeping a healthy weight and maintaining a healthy lifestyle.

Suggested Plans

A student who plans to obtain a degree from Panola College should arrange his or her program at the College to meet the requirements of the particular senior college to which the student plans to transfer. An academic advisor will work with a student to develop a degree plan which agrees with the requirements of the student’s field of study and declared transfer institution. Academic programs at Panola College that lead to the Associate of Arts or Associate of Science degrees require a minimum of 60 hours, but a student can plan to transfer additional hours to a senior institution. The College’s academic core contains 42 hours and is the basis for all academic degrees available at the College.

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DEPARTMENT OF PREPARATORY STUDIES

The Department of Preparatory Studies provides opportunities to improve proficiency in mathematics, reading, and writing. Upon completion of the sequence of courses, students will be better prepared to succeed in college-level classes. Students in the Department of Preparatory Studies learn more than just content; they learn study skills, test taking skills, time management skills, and note-taking skills that will support them throughout their academic tenure. While all students can take advantage of the services provided by the Department of Preparatory Studies, students who do not meet Texas Success Initiative standards must enroll in requisite Preparatory Studies courses as determined by an advisor. Preparatory Studies learning objectives are determined by Texas College and Career Readiness Standards.

Chair

Teresa Brooks
Gullette Technology Building
Carthage, Texas
(903) 693-2060

Professors

- Sarah Bush – Mathematics/Preparatory Studies
- Chris Collins – English/Preparatory Studies
- Roberta Collinsworth - Mathematics/Preparatory Studies
- Janet Healy – Preparatory Studies
- Chasity Klingler – Mathematics/Preparatory Studies
- Tamra Mothershed – English/Preparatory Studies
- Emily Zabcik – Mathematics/Preparatory Studies
- Jaynellen Wylie - English/Preparatory Studies

Mission Statement

The purpose of the Department of College Preparatory Studies is to meet the needs of underprepared students at Panola College by providing opportunities to improve proficiency in mathematics, reading, and writing, and to develop skills necessary for success in postsecondary education.

Department Goals

- Provide an appropriate environment for learning.
- Improve student persistence and academic proficiency.
- Provide students with instruction in developmental coursework that is aligned with the Texas College and Career Readiness Standards.
- Support student participation and engagement in the learning process.

DEPARTMENT OF SCIENCE AND MATHEMATICS

Chair

- Dr. Sherlynn Hall

Professors

- Sarah Bush – Mathematics
- Roberta Collinsworth – Mathematics
- Anthony Edwards – Biology
- Hunter Hines – Physics and Geology
- Darrell Hudson – Biology
- Corey Johnson – Biology
- Brian Jones – Biology
- Chasity Klingler – Mathematics
- Kevin Rutherford – Biology
- Douglas Snodgrass – Biology
- Earnest Spencer – Chemistry
- Emily Zabcik – Mathematics

Areas of Study

- Biology
- Chemistry
- STEM
- Geology
- Math
- Physics
- Pre-Professional

Mission Statement

The mission of the Department of Science and Mathematics is to prepare future science, technology, and engineering and mathematics professionals for tomorrow's workforce, to support the preparation of allied health professionals, and to provide quality academic transfer courses.

Suggested Plans

A student who plans to obtain a degree from Panola College should arrange his or her program at the College to meet the requirements of the particular senior college to which the student plans to transfer. An academic advisor will work with a student to develop a degree plan which agrees with the requirements of the student's field of study and declared transfer institution. Academic programs at Panola College that lead to the Associate of Arts or Associate of Science degrees require a minimum of 60 hours, but a student can plan to transfer additional hours to a senior institution. The College's academic core contains 42 hours and is the basis for all academic degrees available at the College.

Notification to Students of Transfer Limitations: Be aware that limits exist on the number of lower-division (freshman and sophomore) courses that Texas public universities accept in transfer. In many cases, the maximum number of lower-division semester credit hours accepted in transfer is 66, although some universities may accept slightly more in special cases. It is the responsibility of each student to keep apprised of graduation requirements for a certificate or degree program in which he or she is enrolled. Students planning a program of study should do so in conjunction with a College mentor, following a suggested program of study printed in this catalog.

Degree Audit: Each returning student should be certain to print a degree audit from his/her on-line student file prior to registration. This degree audit will indicate to the student those courses completed, those courses in progress and those courses yet to be taken. The audit will also indicate the student's grade point average.

DEPARTMENT OF SOCIAL AND BEHAVIORAL SCIENCES

Chair

- Dr. Sherlynn Hall

Professors

- Don Cocklin – Psychology
- Mark Dickerson – Criminal Justice/Sociology
- Brian Naples – Government
- Bill Offer – History
- Larry Wade – History/Government/Geography

Areas of Study

- Criminal Justice
- Geography
- Government
- History
- Philosophy
- Psychology
- Sociology

Mission Statement

The Social and Behavioral Sciences Department seeks to explore the full depth of human behavior and social consciousness by surveying human history, understanding cultural heritage, and examining the geographic, political, legal, and economic institutions that support human development.

Suggested Plans

A student who plans to obtain a degree from Panola College should arrange his or her program at the College to meet the requirements of the particular senior college to which the student plans to transfer. An academic advisor will work with a student to develop a degree plan which agrees with the requirements of the student's field of study and declared transfer institution. Academic programs at Panola College that lead to the Associate of Arts or Associate of Science degrees require a minimum of 60 hours, but a student can plan to transfer additional hours to a senior institution. The College's academic core contains 42 hours and is the basis for all academic degrees available at the College.

Notification to Students of Transfer Limitations: Be aware that limits exist on the number of lower-division (freshman and sophomore) courses that Texas public universities accept in transfer. In many cases, the maximum number of lower-division semester credit hours accepted in transfer is 66, although some universities may accept slightly more in special cases. It is the responsibility of each student to keep apprised of graduation requirements for a certificate or degree program in which he or she is enrolled. Students planning a program of study should do so in conjunction with a College mentor, following a suggested program of study printed in this catalog.

Degree Audit: Each returning student should be certain to print a degree audit from his/her on-line student file prior to registration. This degree audit will indicate to the student those courses completed, those courses in progress and those courses yet to be taken. The audit will also indicate the student's grade point average.

ASSOCIATES OF ARTS*/SCIENCE

CORE CURRICULUM

Component Area	Hours	Course Options
Communication	6	<u>Required:</u> ENGL 1301 <u>Select one of the following:</u> SPCH 1315, SPCH 1318
Mathematics	3	MATH 1314, 1324, 1325, 1332, 1342, 1350, 1351, 2412, 2413, 2414, 2415
Life and Physical Sciences	6	BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2406, CHEM 1405, CHEM 1407, CHEM 1411, CHEM 1412, GEOL 1403, GEOL 1404, PHYS 1401, PHYS 1402, PHYS 1403, PHYS 1404, PHYS 2425, PHYS 2426
Language, Philosophy, and Culture	3	ENGL 2322, ENGL 2323, HUMA 1301, HUMA 2323, PHIL 1301, SPAN 2311, SPAN 2312
Creative Arts	3	ARTS 1301, DRAM 1310, DRAM 2366, MUSI 1306
American History	6	HIST 1301, HIST 1302, HIST 2301
Government/Political Science	6	GOVT 2305, 2306
Social and Behavioral Sciences	3	CRIJ 1301, ECON 2301, ECON 2302, GEOG 1303, PSYC 2301, SOCI 1301
Component Area Option	6	<u>Required:</u> EDUC 1100/PSYC 1100 <u>Select one of the following:</u> ENGL 2311 or ENGL 1302 Note: Two lab hours from Life & Physical Sciences count here.
TOTAL HOURS – CORE	42	

Additional Requirements for Associate of Arts* or Science Degree

	3	Kinesiology (Activity)
	3	BCIS 1305 – Business Computer Applications or COSC 1301 – Introduction to Computing
	12	Electives suggested in degree plan or Field of Study
TOTAL HOURS – DEGREE	60	

*Associate of Arts degrees must include 6-8 hours of a foreign language.

CORE CURRICULUM COMPLETER

ASSOCIATE OF ARTS or SCIENCE

The Texas Core Curriculum is a core curriculum for all undergraduate students in Texas. Every institution of higher education in Texas is required by law to adopt a core curriculum of no less than 42 semester credit hours which is consistent with the Texas Common Course Numbering System and rules issued by The Texas Higher Education Coordinating Board. If a student successfully completes the core at an institution of higher education, that block of courses must be substituted for a receiving institution's core curriculum if the student enrolls at another college in Texas. Students have flexibility to choose courses from an institution's core curriculum. However, to receive a degree from Panola College, students must complete not only the core curriculum below but also courses listed in the appropriate degree plan.

SEMESTER I

_____	EDUC 1100/ PSYC 1100	Learning Framework
_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	_____	Creative Arts elective ARTS 1301, DRAM 1310, DRAM 2366, or MUSI 1306
_____	MATH _____	College-Level Math

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SEMESTER II

_____	HIST 1302	United States History II or HIST 2301 – Texas History
_____	GOVT 2306	Texas Government
_____	SPCH _____	SPCH 1315 or 1318
_____	_____	Language, Philosophy, & Culture ENGL 2322, ENGL 2323, HUMA 1301, HUMA 2323, PHIL 1301, SPAN 2311, or SPAN 2312
_____	_____	Life & Physical Science

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SEMESTER III

_____	GOVT 2305	Federal Government
_____	_____	Component Area Option ENGL 2311 or ENGL 1302
_____	_____	Life & Physical Science
_____	_____	Social/Behavioral Science CRIJ 1301, ECON 2301, ECON 2302, GEOG 1303, PSYC 2301, or SOCI 1301

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Core Curriculum Requirements

- **Communication (6 hours):** ENGL 1301 and SPCH 1315 or SPCH 1318
- **Mathematics (3 hours):** MATH 1314, 1324, 1325, 1332, 1342, 1350, 1351, 2412, 2413, 2414, or 2415
- **Life/Physical Sciences (6 hours):** BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2406, CHEM 1405, CHEM 1407, CHEM 1411, CHEM 1412, GEOL 1403, GEOL 1404, PHYS 1401, PHYS 1402, PHYS 1403, PHYS 1404, PHYS 2425, PHYS 2426
- **Language, Philosophy, and Culture (3 hours):** ENGL 2322, ENGL 2323, HUMA 1301, HUMA 2323, PHIL 1301, SPAN 2311, or SPAN 2312
- **Creative Arts (3 hours):** ARTS 1301, DRAM 1310, DRAM 2366, MUSI 1306
- **American History (6 hours):** HIST 1301, 1302, or 2301
- **Government/Political Science (6 hours):** GOVT 2305 and 2306
- **Social/Behavioral Sciences (3 hours):** CRIJ 1301, ECON 2301, ECON 2302, GEOG 1303, PSYC 2301, SOCI 1301
- **Component Area Option (6 hours):** EDUC/PSYC 1100 (required) and ENGL 2311 or ENGL 1302
Note: Two lab hours come from Life & Physical Sciences
- **College Requirements (18 hours):** Kinesiology (Activity) 3 hours, BCIS 1305, and 12 hours of electives in degree plan or Field of Study

MULTIDISCIPLINARY STUDIES

SUGGESTED DEGREE PLAN

The following suggested degree plan in Multidisciplinary Studies is designed for students desiring to pursue a flexible plan for transfer to a four-year college or university. Students planning to transfer to a four-year college or university are encouraged to meet with an academic advisor at their intended transfer university.

SEMESTER I

_____ EDUC 1100/ PSYC 1100 Learning Framework
 _____ ENGL 1301 Composition I
 _____ KINE _____ Activity elective
 _____ MATH _____ College-Level Math
 _____ _____ **General elective**
 _____ _____ Life & Physical Science

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SEMESTER II

_____ KINE _____ Activity elective
 _____ SPCH _____ SPCH 1315 or 1318
 _____ _____ Component Area Option
 ENGL 2311 or ENGL 1302
 _____ _____ **General elective**
 _____ _____ Life & Physical Science

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SEMESTER III

_____ GOVT 2305 Federal Government
 _____ HIST 1301 United States History I
 _____ KINE _____ Activity elective
 _____ _____ Creative Arts elective
 ARTS 1301, DRAM 1310
 DRAM 2366, or MUSI 1306
 _____ _____ **General elective**
 _____ _____ Language, Philosophy,
 & Culture
 ENGL 2322, ENGL 2323,
 HUMA 1301, HUMA 2323,
 SPAN 2311, or SPAN 2312

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SEMESTER IV

_____ COSC 1301 Introduction to
 Computing
 _____ GOVT 2306 Texas Government
 _____ HIST 1302 United States History II or
 HIST 2301 – Texas History
 _____ _____ **General elective**
 _____ _____ Social/Behavioral Science
 CRIJ 1301, ECON 2301,
 ECON 2302, GEOG 1303,
 PSYC 2301, or SOCI 1301

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Core Curriculum Requirements

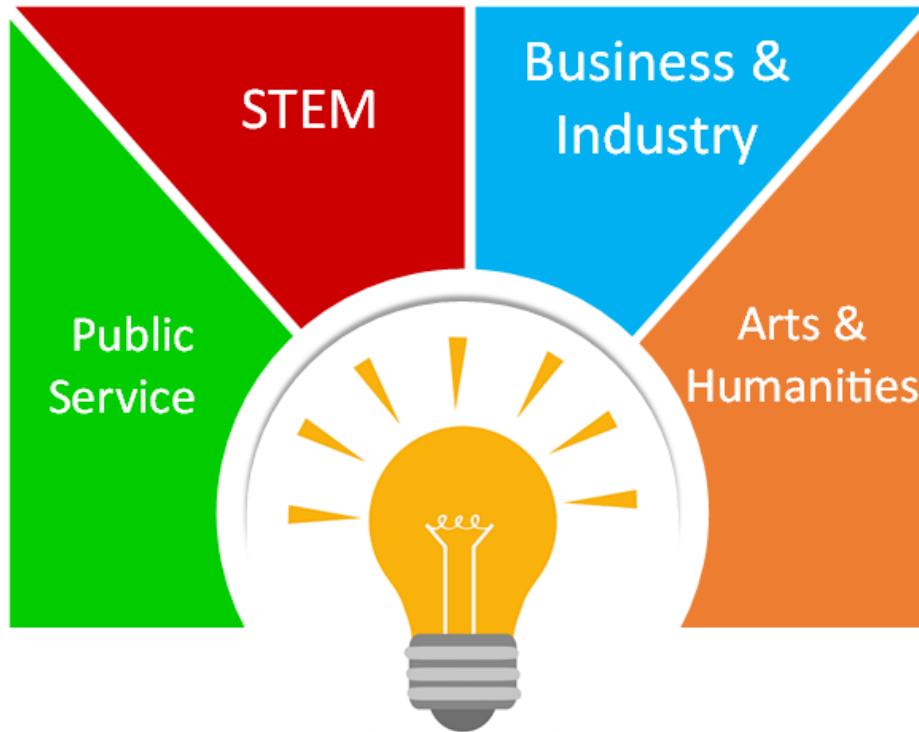
For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

ADVISING GUIDE

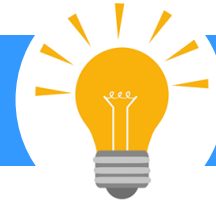
The following pages consist of advising plans that will begin each student's focused route of academics to maximize education and employment. The advising plans are divided into three instructional categories: Liberal Arts & Sciences, Professional & Technical Programs, and Health Sciences.

Panola College is part of the Texas Pathways initiative and has designed its Pathways project around high school endorsement areas. Each advising guide is color coded according to the high school endorsement that it coincides with (see diagram below) facilitating a seamless transition from eighth grade through completion of high school, certificate or associate degree, continued educational endeavors, or employment.

The Pathways project supports Panola College's Quality Enhancement Plan (Focused Route of Academics to Maximize Education & Employment – FRAME²) that is part of the Panola College reaffirmation effort pending approval by the SACSCOC.



AGRICULTURE



SUGGESTED DEGREE PLAN

(Animal Science, Horticulture, Agri-Business, Ag Education)

Employment in the agricultural industry is varied. Opportunities exist in production, sales/marketing, education and outreach and technology. This degree is designed primarily for students planning on transferring to a senior college or university to receive a baccalaureate degree.

SEMESTER I

_____	AGRI 1419	Introductory Animal Science
_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	MATH 1342	Elementary Statistical Methods
_____	PSYC 1100	Learning Framework
_____	SPCH 1315	Public Speaking

SEMESTER II

_____	AGRI 1307	Agronomy
_____	COSC 1301	Introduction to Computing
_____	KINE _____	Activity elective
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	_____	Creative Arts

SEMESTER III

_____	AGRI 2330	Wildlife Conservation and Management
_____	BIOL 1406	Biology for Science Majors I
_____	GOVT 2305	Federal Government
_____	KINE _____	Activity elective
_____	_____	Social/Behavioral Science

SEMESTER IV

_____	AGRI 2317	Introduction to Agricultural Economics
_____	BIOL 1407	Biology for Science Majors II
_____	GOVT 2306	Texas Government
_____	KINE _____	Activity elective
_____	_____	HUMA 1301 or ENGL 2322

Core Curriculum Requirements

For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

ART



SUGGESTED DEGREE PLAN

The Art area of emphasis is designed to provide students with the first two years of higher education with the intent of transferring to a 4-year institution pursuing a major in Art.

SEMESTER I

_____	EDUC 1100/ PSYC 1100	Learning Framework
_____	ENGL 1301	Composition I
_____	KINE _____	Activity elective
_____	MATH _____	College-Level Math
_____	_____	ARTS elective
_____	_____	Life & Physical Science

SEMESTER II

_____	KINE _____	Activity elective
_____	SPCH _____	SPCH 1315 or 1318
_____	_____	Component Area Option ENGL 2311 or ENGL 1302
_____	_____	ARTS elective
_____	_____	Life & Physical Science

SEMESTER III

_____	GOVT 2305	Federal Government
_____	HIST 1301	United States History I
_____	KINE _____	Activity elective
_____	_____	Creative Arts elective ARTS 1301, DRAM 1310 DRAM 2366, or MUSI 1306
_____	_____	ARTS elective
_____	_____	Language, Philosophy, & Culture ENGL 2322, ENGL 2323, HUMA 1301, HUMA 2323, SPAN 2311, or SPAN 2312

SEMESTER IV

_____	COSC 1301	Introduction to Computing
_____	GOVT 2306	Texas Government
_____	HIST 1302	United States History II or HIST 2301 – Texas History
_____	_____	ARTS elective
_____	_____	Social/Behavioral Science CRIJ 1301, ECON 2301, ECON 2302, GEOG 1303, PSYC 2301, or SOCI 1301

Advising Notes for ARTS Electives

- ARTS elective equals one 3-hour ARTS elective per semester.

Core Curriculum Requirements

For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

BIOLOGY



SUGGESTED DEGREE PLAN

The Biology area of emphasis is designed to provide students with the first two years of higher education with the intent of transferring to a 4-year institution pursuing a major in Biology.

SEMESTER I

_____	BIOL 1406	Biology for Science Majors I
_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	MATH1314	College Algebra
_____	PSYC 1100	Learning Framework
_____	SPCH 1315	Public Speaking

SEMESTER II

_____	BIOL 1407	Biology for Science Majors II
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	MATH2412	Pre-Calculus Math
_____	_____	Creative Arts

SEMESTER III

_____	CHEM1411	General Chemistry I
_____	COSC 1301	Introduction to Computing
_____	GOVT 2305	Federal Government
_____	KINE _____	Activity elective
_____	PHYS 1401	College Physics I
_____	_____	Social/Behavioral Science

SEMESTER IV

_____	CHEM1412	General Chemistry II
_____	GOVT 2306	Texas Government
_____	KINE _____	Activity elective
_____	PHYS 1402	College Physics II
_____	_____	HUMA 1301/ENGL 2322, 2323

Core Curriculum Requirements

For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

CHEMISTRY



SUGGESTED DEGREE PLAN

The Chemistry area of emphasis is designed to provide students with the first two years of higher education with the intent of transferring to a 4-year institution pursuing a major in Chemistry.

SEMESTER I

_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	MATH1314	College Algebra
_____	PSYC 1100	Learning Framework
_____	SPCH 1315	Public Speaking
_____	KINE _____	Activity elective

SEMESTER II

_____	COSC 1301	Introduction to Computing
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	MATH2412	Pre-Calculus Math
_____	_____	Creative Arts

SEMESTER III

_____	CHEM1411	General Chemistry I
_____	GOVT 2305	Federal Government
_____	MATH2413	Calculus I
_____	PHYS 2425	University Physics I
_____	_____	Social/Behavioral Science

SEMESTER IV

_____	CHEM1412	General Chemistry II
_____	GOVT 2306	Texas Government
_____	KINE _____	Activity elective
_____	PHYS 2426	University Physics II
_____	_____	HUMA 1301/ENGL 2322, 2323

Core Curriculum Requirements

For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

CRIMINAL JUSTICE

FIELD OF STUDY



SUGGESTED DEGREE PLAN

The Field of Study (FOS) curriculum for Criminal Justice is the set of lower-division courses that must be applied to any undergraduate Criminal Justice program, regardless of degree designation. The FOS also applies to Criminology, Victim's Studies, Law Enforcement, Public Safety, and related undergraduate programs. Following this advising guide ensures both completion of the Core Curriculum and the FOS.

SEMESTER I

_____	CRIJ 1301	Intro to Criminal Justice
_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	MATH1332	Contemporary Math
_____	PSYC 1100	Learning Framework
_____	SPCH 1315	Public Speaking

SEMESTER II

_____	COSC 1301	Introduction to Computing
_____	CRIJ 1310	Fundamentals of Criminal Law
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	_____	Creative Arts

SEMESTER III

_____	CRIJ 1306	Court Systems & Practices
_____	CRIJ 2313	Correctional Systems & Practices
_____	GOVT 2305	Federal Government
_____	KINE _____	Activity elective
_____	_____	Life & Physical Science

SEMESTER IV

_____	CRIJ 2328	Police Systems & Practices
_____	GOVT 2306	Texas Government
_____	KINE _____	Activity elective
_____	_____	HUMA 1301 or ENGL 2322
_____	_____	Life & Physical Science

Core Curriculum Requirements

Courses in bold are required in the Criminal Justice Field of Study. Other courses listed in the program are required to complete the core curriculum—see the Associate of Arts/Science Core Curriculum on page 107.

DRAMA

FIELD OF STUDY



SUGGESTED DEGREE PLAN

The Drama area of emphasis is designed to provide students with the first two years of higher education with the intent of transferring to a 4-year institution pursuing a major in Drama.

SEMESTER I

_____	DRAM 1120	Theater Practicum I
_____	DRAM 1330	Stagecraft I
_____	DRAM 1351	Acting I
_____	DRAM 2355	Script Analysis
_____	EDUC 1100/ PSYC 1100	Learning Framework
_____	ENGL 1301	Composition I
_____	MATH _____	College-Level Math

SEMESTER II

_____	DRAM 1121	Theater Practicum II
_____	_____	DRAM FOS elective
_____	COSC 1301	Introduction to Computing
_____	KINE _____	Activity elective
_____	_____	Component Area Option ENGL 2311 or ENGL 1302
_____	_____	Life & Physical Science

SEMESTER III

_____	DRAM 2120	Theater Practicum III
_____	_____	DRAM FOS elective
_____	GOVT 2305	Federal Government
_____	HIST 1301	United States History I
_____	KINE _____	Activity elective
_____	_____	Creative Arts elective ARTS 1301, DRAM 1310 DRAM 2366, or MUSI 1306

SEMESTER IV

_____	DRAM 2121	Theater Practicum IV
_____	_____	DRAM FOS elective
_____	GOVT 2306	Texas Government
_____	HIST 1302	United States History II or HIST 2301 – Texas History
_____	KINE _____	Activity elective
_____	_____	Social/Behavioral Science CRIJ 1301, ECON 2301, ECON 2302, GEOG 1303, PSYC 2301, or SOCI 1301

Advising Notes for Drama FOS (Field of Study) Electives

- Generalist Field of Study Track – Choose 3 of the following courses: DRAM 1310, 1322, 1341, 1342, 1352, 2331, 2336, 2361, 2362, 2335.
- Performance Track – Choose 3 of the following courses: DRAM 1322, 1341, 1352, 2336.
- Design/Technical Track – Choose 3 of the following courses: DRAM 1341, 1342, 2331, 2335.

Core Curriculum Requirements

To complete the core curriculum, the following courses must be completed: 4 hours of Life & Physical Sciences, SPCH 1315 or 1318, and 3 hours of Language, Philosophy & Culture.

EDUCATION

TEACHING - EC-6/4-8 GRADE LEVELS; EC-12 SPECIAL EDUCATION



ASSOCIATE OF ARTS IN TEACHING (AAT)

This program is designed to provide students with the first two years of a four-year degree leading to teacher certification at the EC-6, grades 4-8, or EC-12 Special Education. The Associate of Arts in Teaching (AAT) is a specialized academic associate degree program designed to transfer in its entirety to a baccalaureate program that leads to initial Texas teacher certification.

SEMESTER I

_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	MATH1314	College Algebra
_____	BIOL 1408	Biology for Non-Science Majors I or BIOL1409
_____	EDUC 1301	Introduction to the Teaching Profession

SEMESTER II

_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	MATH1350	Fundamentals of Mathematics I
_____	GEOL 1403	Physical Geology
_____	EDUC 2301	Intro to Special Populations

SEMESTER III

_____	GOVT 2305	Federal Government
_____	MATH1351	Fundamentals of Mathematics II
_____	ENGL 2322	British Literature I or ENGL 2323 – British Literature II
_____	_____	Creative Arts
_____	PHYS 1403	Stars & Galaxies

SEMESTER IV

_____	GOVT 2306	Texas Government
_____	SPCH 1315	Public Speaking
_____	_____	Social/Behavioral Science GEOG 1303
_____	BCIS 1305	Business Computer Applications

Advising Notes (see EDU advisor for specific transfer requirements)

- Students who are planning to teach EC-6, grades 4-8, or Special Education should be enrolled in the Associate of Arts in Teaching program, EC-6, 4-8, Special Education EC-12.
- Students who are planning to teach a specific subject in grades 6-12, 7-12, or 8-12 should be enrolled in the Associate of Arts in Teaching program, Grades 6-12, 7-12, 8-12, Other EC-12. See EDU advisor for certification area hours.
- Students should work closely with advisors at transfer universities to review transfer plans BEFORE completing the AAT at Panola College.
- In selecting specific core curriculum classes, refer to the Core Curriculum page for Associate of Arts in Teaching. Recommended courses vary based on requirements at specific transfer universities - see EDU advisor for specific MATH courses.
- For students transferring to UT Tyler, PSYC 2314 is required instead of BCIS.

EDUCATION

TEACHING - GRADES 6-12, 7-12, 8-12, OTHER EC-12



ASSOCIATE OF ARTS IN TEACHING (AAT)

This program is designed to provide students with the first two years of a four-year degree leading to teacher certification in a specific subject in grades 6-12, 7-12, 8-12, or EC-12 other than special education. The Associates of Arts in Teaching (AAT) degree is a specialized academic associate degree designed to transfer in its entirety to a baccalaureate program that leads to initial Texas teacher certification.

SEMESTER I

_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	MATH1314	College Algebra
_____	SPCH 1315	Public Speaking
_____	EDUC 1301	Introduction to the Teaching Profession
_____	EDUC 1100/ PSYC 1100	Learning Framework

SEMESTER II

_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	_____	Natural Science*
_____	_____	Certificate area elective (see EDU advisor)
_____	EDUC 2301	Intro to Special Populations

SEMESTER III

_____	GOVT 2305	Federal Government
_____	_____	Natural Science
_____	_____	Humanities ENGL 2322, 2323, HUMA 1301, 1302, 2323 SPAN 2311, 2312
_____	_____	Certificate area elective
_____	_____	Creative Arts ARTS 1301, DRAM 1310, MUSI 1306

SEMESTER IV

_____	GOVT 2306	Texas Government
_____	BCIS 1305	Business Computer
_____	_____	Certificate area elective
_____	_____	Social/Behavioral Science PSYC 2301, GEOG 1303

Advising Notes (see EDU advisor for specific transfer requirements)

- Natural Sciences – 8 hours from two different area required: BIOL 1406, 1407, 1408, 1409, CHEM 1405, GEOL 1403, PHYS 1403, or PHYS 1404. See EDU advisor for specific transfer requirements.
- Students who are planning to teach EC-6, grades 4-8, or Special Education should be enrolled in the Associate of Arts in Teaching program, EC-6, 4-8, Special Education EC-12.
- Students who are planning to teach a specific subject in grades 6-12, 7-12, or 8-12 should be enrolled in the Associate of Arts in Teaching program, Grades 6-12, 7-12, 8-12, Other EC-12. See EDU advisor for certification area hours.
- Students should work closely with advisors at transfer universities to review transfer plans BEFORE completing the AAT at Panola College.
- In selecting specific core curriculum classes, refer to the Core Curriculum page for Associate of Arts in Teaching. Recommended courses vary based on requirements at specific transfer universities – see EDU advisor for specific MATH courses.
- For students transferring to UT Tyler, PSYC 2314 is required instead of BCIS.

ENGLISH LANGUAGE & LITERATURE

FIELD OF STUDY



SUGGESTED DEGREE PLAN

The curriculum for English Language & Literature is the set of lower division courses that must be applied to any undergraduate English Language & Literature degree plan when a student transfers to or from any Texas public college or four-year institution. Following this advising guide ensures both completion of the Core Curriculum and the Field of Study.

SEMESTER I

_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	MATH 1342	Elementary Statistical Methods
_____	PSYC 1100	Learning Framework
_____	SPCH 1315	Public Speaking

SEMESTER II

_____	COSC 1301	Introduction to Computing
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	_____	Academic elective
_____	_____	Creative Arts

SEMESTER III

_____	ENGL 2332	World Literature I or
_____	ENGL 2333	World Literature II
_____	ENGL 2322	British Literature I
_____	GOVT 2305	Federal Government
_____	KINE _____	Activity elective
_____	_____	Life & Physical Science
_____	_____	Social/Behavioral Science

SEMESTER IV

_____	ENGL 2323	British Literature II
_____	GOVT 2306	Texas Government
_____	KINE _____	Activity elective
_____	_____	Academic elective
_____	_____	Life & Physical Science

Core Curriculum Requirements

Courses in bold are required in the English Language & Literature Field of Study. Other courses listed in the program are required to complete the core curriculum—see the Associate of Arts/Science Core Curriculum on page 107.

KINESIOLOGY & EXERCISE SCIENCE



SUGGESTED DEGREE PLAN

The curriculum for Kinesiology & Exercise Science is the set of lower division courses that must be applied to any undergraduate Kinesiology or Exercise Science degree plan when a student transfers to or from any Texas public college or four-year institution. Following this advising guide ensures both completion of the Core Curriculum and the Field of Study. (FOS pending approval)

SEMESTER I

_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	KINE 1306	First Aid
_____	MATH1342	Elementary Statistical Methods
_____	PSYC 1100	Learning Framework
_____	SPCH 1315	Public Speaking

SEMESTER II

_____	COSC 1301	Introduction to Computing
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	KINE 1301	Foundations of Kinesiology
_____	_____	Creative Arts

SEMESTER III

_____	BIOL 2401	Anatomy & Physiology I
_____	GOVT 2305	Federal Government
_____	KINE 1338	Concepts of Physical Fitness
_____	KINE _____	Activity elective
_____	_____	HUMA 1301 or ENGL 2322

SEMESTER IV

_____	BIOL 2402	Anatomy & Physiology II
_____	GOVT 2306	Texas Government
_____	KINE 2356	Care & Prevention
_____	KINE _____	Activity elective
_____	PSYC 2301	General Psychology

Core Curriculum Requirements

Courses in bold are required in the Kinesiology & Exercise Science Field of Study. Other courses listed in the program are required to complete the core curriculum—see the Associate of Arts/Science Core Curriculum on page 107.

MATHEMATICS



SUGGESTED DEGREE PLAN

The Mathematics area of emphasis is designed to provide students with the first two years of higher education with the intent of transferring to a 4-year institution pursuing a major in Mathematics.

SEMESTER I

_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	KINE _____	Activity elective
_____	MATH1314	College Algebra
_____	PSYC 1100	Learning Framework
_____	SPCH 1315	Public Speaking

SEMESTER II

_____	COSC 1301	Introduction to Computing
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	MATH2412	Pre-Calculus Math
_____	_____	Creative Arts

SEMESTER III

_____	CHEM1411	General Chemistry I
_____	GOVT 2305	Federal Government
_____	MATH2413	Calculus I
_____	_____	Social/Behavioral Science

SEMESTER IV

_____	CHEM1412	General Chemistry II
_____	GOVT 2306	Texas Government
_____	KINE _____	Activity elective
_____	_____	HUMA 1301/ENGL 2322, 2323
_____	_____	Life & Physical Science

Core Curriculum Requirements

For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

MUSIC

FIELD OF STUDY



SUGGESTED DEGREE PLAN

The Music area of emphasis is designed to provide students with the first two years of higher education with the intent of transferring to a 4-year institution pursuing a major in Music. Following the advising guide ensures Music Field of Study completion. Completion of the core curriculum will require additional hours.

SEMESTER I

_____	MUSI 1311	Music Theory I (fall)
_____	MUSI 1116	Elem Sight Singing & Ear Training I (fall)
_____	_____	Ensemble
_____	_____	*Applied Study
_____	_____	**Class Piano I
_____	ENGL 1301	Composition I
_____	MATH _____	College-level math
_____	PSYC 1100	Learning Framework

SEMESTER II

_____	MUSI 1312	Music Theory II (spring)
_____	MUSI 1117	Elem Sight Singing & Ear Training II (spring)
_____	_____	Ensemble
_____	_____	*Applied Study
_____	_____	**Class Piano II
_____	MUSI 1307	Music Literature I
_____	ENGL 1302	Composition II
_____	_____	Life and Physical Science (4 hours)

SEMESTER III

_____	MUSI 2311	Music Theory III (fall)
_____	MUSI 2116	Advanced Sight Singing & Ear Training I (fall)
_____	_____	Ensemble
_____	HIST 1301	United States History I
_____	GOVT 2305	Federal Government
_____	_____	*Applied Study
_____	_____	**Class Piano III

SEMESTER IV

_____	MUSI 2312	Music Theory IV (spring)
_____	MUSI 2117	Advanced Sight Singing & Ear Training II (spring)
_____	_____	Ensemble
_____	_____	*Applied Study
_____	_____	**Class Piano IV
_____	GOVT 2306	Texas Government
_____	HIST 1302	United States History II or HIST 2301 – Texas History

Advising Notes

* Concentration must be a two-credit lesson and may be in any Brass, Woodwind, String or Percussion instrument, Piano, Guitar, or Voice.
 **Secondary must be piano if it was not chosen as an emphasis. Music majors must take a piano placement test.

Core Curriculum Requirements

Courses in bold are required in the Music Field of Study. The other courses listed are part of the core curriculum; for other core courses required to complete the core curriculum see page 107.

POLITICAL SCIENCE & GOVERNMENT

FIELD OF STUDY



SUGGESTED DEGREE PLAN

The curriculum for Political Science & Government is the set of lower division courses that must be applied to any undergraduate Political Science & Government degree plan when a student transfers to or from any Texas public college or four-year institution. Following this advising guide ensures both completion of the Core Curriculum and the Field of Study.

SEMESTER I

_____	ENGL 1301	Composition I
_____	GOVT 2304	Intro to Political Science
_____	HIST 1301	United States History I
_____	MATH1342	Elementary Statistical Methods
_____	PSYC 1100	Learning Framework
_____	SPCH 1315	Public Speaking

SEMESTER II

_____	COSC 1301	Introduction to Computing
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	_____	Academic elective
_____	_____	Creative Arts

SEMESTER III

_____	GOVT 2305	Federal Government
_____	KINE _____	Activity elective
_____	_____	Academic elective
_____	_____	Life & Physical Science
_____	_____	Social/Behavioral Science

SEMESTER IV

_____	GOVT 2306	Texas Government
_____	KINE _____	Activity elective
_____	_____	Academic elective
_____	_____	HUMA 1301 or ENGL 2322
_____	_____	Life & Physical Science

Core Curriculum Requirements

Courses in bold are required in the Political Science & Government Field of Study. Other courses listed in the program are required to complete the core curriculum—see the Associate of Arts/Science Core Curriculum on page 107.

PRE-PROFESSIONAL



SUGGESTED DEGREE PLAN

The Pre-professional area of emphasis is designed to provide students with the first two years of higher education with the intent of transferring to a 4-year institution pursuing fields such as pre-dental, pre-medical, pre-pharmacy, pre-physical therapy, pre-physician assistant, and pre-veterinary.

SEMESTER I

_____	BIOL 1406	Biology for Science Majors I
_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	PSYC 1100	Learning Framework
_____	MATH1342	Elementary Statistical
_____	SPCH 1315	Public Speaking

SEMESTER II

_____	BIOL 1407	Biology for Science Majors II
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	MATH2412	Pre-Calculus Math
_____	_____	Creative Arts

SEMESTER III

_____	CHEM 1411	General Chemistry I
_____	COSC 1301	Introduction to Computing
_____	GOVT 2305	Federal Government
_____	KINE _____	Activity elective
_____	PHYS 1401	College Physics I
_____	_____	Social/Behavioral Science

SEMESTER IV

_____	CHEM 1412	General Chemistry II
_____	GOVT 2306	Texas Government
_____	KINE _____	Activity elective
_____	PHYS 1402	College Physics II
_____	_____	HUMA 1301/ENGL 2322, 2323

Core Curriculum Requirements

For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

SPANISH



SUGGESTED DEGREE PLAN

The Spanish area of emphasis is designed to provide students with the first two years of higher education with the intent of transferring to a 4-year institution pursuing a major in Spanish.

SEMESTER I

_____	EDUC 1100/ PSYC 1100	Learning Framework
_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	KINE _____	Activity elective
_____	MATH _____	MATH 1332 or MATH 1342
_____	SPAN 1411	Beginning Spanish I

SEMESTER II

_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	SPAN 1412	Beginning Spanish II
_____	_____	Creative Arts

SEMESTER III

_____	ECON 2301	Principles of Macroeconomics
_____	GOVT 2305	Federal Government
_____	KINE _____	Activity elective
_____	SPAN 2311	Intermediate Spanish I
_____	SPCH 1315	Public Speaking
_____	_____	Life and Physical Science

SEMESTER IV

_____	COSC 1301	Introduction to Computing
_____	ENGL 2322	British Literature I
_____	GOVT 2306	Texas Government
_____	SPAN 2312	Intermediate Spanish II
_____	_____	Life and Physical Science

Core Curriculum Requirements

For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

STEM



SUGGESTED DEGREE PLAN

The STEM area of emphasis is designed to provide students with the first two years of higher education with the intent of transferring to a 4-year institution pursuing a major in fields related to science, technology, engineering, or mathematics. Following this advising guide ensures completion of the Core Curriculum and electives that will transfer into these programs.

SEMESTER I

_____	BIOL	1406	Biology for Science Majors I
_____	EDUC	1100/	Learning Framework
	PSYC	1100	
_____	ENGL	1301	Composition I
_____	HIST	1301	United States History I
_____	KINE	_____	Activity elective
_____	MATH	1314	College Algebra

SEMESTER II

_____	BIOL	1407	Biology for Science Majors II
_____	ENGL	1302	Composition II
_____	HIST	1302	United States History II
_____	KINE	_____	Activity elective
_____	MATH	2412	Pre-Calculus Math
_____		_____	Creative Arts

SEMESTER III

_____	CHEM	1411	General Chemistry I
_____	ECON	2301	Principles of Macroeconomics
_____	GOVT	2305	Federal Government
_____	HUMA	1301	Introduction to Humanities I
_____	KINE	_____	Activity elective
_____	SPCH	1315	Public Speaking

SEMESTER IV

_____	CHEM	1412	General Chemistry II
_____	COSC	1301	Introduction to Computing
_____	GOVT	2306	Texas Government
_____	PHYS	2425	University Physics I
_____	PSYC	2314	Lifespan Growth & Development

Core Curriculum Requirements

For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

THE SCHOOL OF PROFESSIONAL & TECHNICAL PROGRAMS

The School of Professional & Technical Programs will prepare students with the ability to think critically and develop skills in a technical field through high-quality education and collaborative project-based learning. Students will also reflect the mission of lifelong learning through continuing their education formally at other colleges or universities or by making use of our many courses which embed industrial certifications. Graduates will serve their industry and community by applying their knowledge to respond to future advances and changes in technology, with an appreciation of the diverse and global society in which they live.

Dean

Natalie Oswald
Merle Glass Building
Carthage, Texas 75633
(903) 693-2095

Mission Statement

The mission of the School of Professional & Technical Program is to provide a broad education for those seeking transfer to a university, employment, advancement, and/or training in technical occupations by offering courses, professional certificates, technical certificates, associate of science and associate of applied science degrees.

Professional & Technical Programs

Department of Business

- Administrative Assistant (Certificate)
- Business Administration Field of Study (AS)
- General Business (AAS, Certificate)
- General Office (Certificate)
- Marketable Skills (Certificate)
- Office Professional – Medical option (AAS)
- Office Professional (AAS)

Department of Computer Information Technology

- Computer Information Technology (AAS)
- Digital Media Designer & Development (Certificate)
- Microsoft Operator (Certificate)
- Microsoft Support Specialists (Certificate)
- Personal Computer Tech Support (Certificate)

Department of Cosmetology

- Operator (Certificate)
- Instructor Training (Certificate)
- Nail Technology (Certificate)

ASSOCIATE OF APPLIED SCIENCE

ACADEMIC EDUCATION COURSES

Students desiring the Associate of Applied Science (AAS) degree must complete a prescribed program of study as outlined in this catalog. The student must complete fifteen semester hours of academic education courses that are indicated by bold print in each curriculum. The academic education hours must include at least one course in each of the following areas: **Communications; Mathematics/Life and Physical Sciences; Language, Philosophy and Culture, Humanities/Fine Arts; Social/Behavioral Sciences; and general education electives.**

Component	Hours	Course Selection
Communications	3	ENGL 1301, 2311 SPCH 1315, 1318
Mathematics/Life & Physical Sciences	3	BIOL 1406, 1407, 1408, 1409, 2401, 2402, 2404, 2406 CHEM 1405, 1407, 1411, 1412 GEOL 1403, 1404 MATH 1314, 1324, 1325, 1332, 1342, 1350, 1351, 2412, 2413, 2414, 2415 PHYS 1401, 1402, 1403, 1404, 2425, 2426
Language, Philosophy, & Culture/Humanities/ Creative Arts	3	ARTS 1301 DRAM 1310, DRAM 2366 ENGL 2322, 2323 HUMA 1301, 1302, 2323 MUSI 1306 PHIL 1301 SPAN 1411, 1412, 2311, 2312
Social/Behavioral Science	3	ECON 2301, 2302 GEOG 1303 GOVT 2305, 2306 HIST 1301, 1302, 2301 PSYC 2301 SOCL 1301
Academic Elective	3	To meet Panola College AAS core requirements (general education courses), see individual program degree plans for specific course.
CORE CURRICULUM TOTAL	15	

TECHNICAL PATH

DEPARTMENT OF BUSINESS

Business Administration Field of Study, General Business, Office Professional

The business program at Panola College is designed for students who will transfer to a four-year institution to major in a business-related field such as accounting, business administration, finance, human resources, international business, management, or marketing. The Business Administration field of study provides a background in basic academic areas such as the humanities, the arts, mathematics, social and behavioral sciences, speech, and composition. In addition, students complete introductory coursework in accounting, economics, and computer science. Completion of an associate of science degree in Business at Panola College allows for a smooth transition to a university for completion of a bachelor degree in Business in the student's choice of major.

Students not wanting to transfer to a university should consider the General Business program. Students can earn both a certificate and an associate of applied science degree by taking a combination of transfer and non-transfer college courses that provide a strong business foundation. The degree includes coursework in accounting, business law, management, economics, computer science, finance, and marketing. All courses taken in the certificate can be applied to the degree and all courses in the program are available online.

The Office Professional program prepares students for employment as general office support personnel, administrative assistants, legal and medical secretaries, and executive secretaries. Students can earn certificates and an associate of applied science degree while studying word processing, spreadsheets, database, desktop publishing, business communications, accounting, and office procedures. All courses taken in the certificates can be applied to the degree and all courses in the program are available online.

Chair

Dwayne Ferguson
Gullette Technology Building
Carthage, Texas 75633
(903) 693-2066

Professors

- Dwayne Ferguson – Business, General Business, and Office Professional
- Whitney Sienko – Business, General Business, and Office Professional
- Jessica Pace – General Business/Office Professional (adjunct)
- Jared Reynolds – Economics (adjunct)

Areas of Study

- Business Administration: Field of Study
- Associate of Applied Science
 - General Business
 - Office Professional
 - Office Professional (Medical Option)
- Certificates
 - General Business
 - General Office
 - Administrative Assistant
 - Marketable Skills (Microsoft Office)

Mission Statement

The mission of the Department of Business at Panola College is to provide students with business-related skills necessary for transfer to a university, for successful entrance into the workforce, or for continued education as an enhancement of existing knowledge and skills.

Department Objectives

The objective of the Business program is to produce students who demonstrate proficiency in writing and composition, speech, mathematics, human relations, and computer skills with respect to various business functions.

Job Outlook

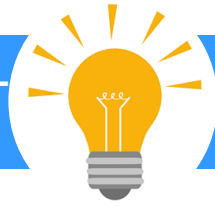
A student who pursues an Associate of Science Degree with a Business Administration Field of Study will be able to continue his or her education by enrolling in a bachelor's degree program at a university. Depending on the student's specific degree path, he or she may pursue a career in accounting, finance, human resources, international business, management, marketing, operations management. Graduates with a bachelor's in business may find employment as a CPA, auditor, marketing or promotion director, financial advisor, human resource specialist, operations analyst, or sales manager.

Students who finish a General Business Associate of Applied Science degree will be able to find employment in sales, accounting or tax offices, insurance or travel agencies, appraisal offices, purchasing and quality control departments, and various supervisory positions.

Students who finish an Office Professional Associates of Applied Science degree will be able to find employment as general office clerks, administrative assistants, executive secretaries, bookkeepers, and various other areas of office support.

BUSINESS ADMINISTRATION & MANAGEMENT

FIELD OF STUDY



SUGGESTED DEGREE PLAN

The following suggested degree plan with an emphasis in Business prepares students for transfer to colleges and universities that offer bachelor degrees in various areas of business. Students interested in careers in business that are planning to major in accounting, business administration, finance, international business, management, or marketing should follow this curriculum. Introductory coursework in accounting and economics will provide the foundation for specialized business study later in a BBA degree. Completion of the Field of Study adds 3 additional hours to the core curriculum requirements.

SEMESTER I

_____	ACCT 2301	Principles of Accounting I
_____	BCIS 1305	Business Computer Applications
_____	PSYC 1100	Learning Framework
_____	ENGL 1301	Composition I
_____	HIST 1301	United States History I
_____	MATH 1324	Mathematics for Business & Social Sciences I

SEMESTER II

_____	ACCT 2302	Principles of Accounting II
_____	BUSI 2305	Business Statistics or MATH 1325 or 1342 (see Business advisor)
_____	ENGL 1302	Composition II
_____	HIST 1302	United States History II
_____	KINE _____	Activity elective
_____	SPCH _____	SPCH 1315 or 1318

SEMESTER III

_____	BUSI 1301	Business Principles
_____	ECON 2301	Macroeconomics
_____	GOVT 2305	Federal Government
_____	KINE _____	Activity elective
_____	_____	Language, Philosophy, & Culture
_____	_____	Life & Physical Science

SEMESTER IV

_____	_____	Creative Arts
_____	ECON 2302	Microeconomics
_____	GOVT 2306	Texas Government
_____	KINE _____	Activity elective
_____	_____	Life & Physical Science

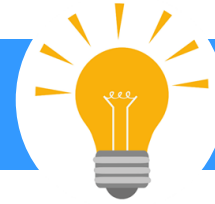
Advising Notes

The Field of Study requires completion of BUSI 2305. Check university requirements to determine if a particular math course is preferred.

Core Curriculum Requirements

Courses in bold are required in the Business Administration & Management Field of Study. Other courses listed in the program are required to complete the core curriculum—see the Associate of Arts/Science Core Curriculum on page 107.

GENERAL BUSINESS



ASSOCIATE OF APPLIED SCIENCE

This degree is for students preparing for employment in various business areas including supervisory and management roles. Students wanting to pursue a bachelor's degree in business should follow the Business Administration Field of Study instead.

Academic advisor: Dwayne Ferguson, (903) 693-2066, dferguson@panola.edu

SEMESTER I

_____	ACNT 1303	Intro to Accounting I or ACCT 2301 – Principles of Accounting I (Financial)	3
_____	BCIS 1305	Business Computer Applications	3
_____	BUSI 1301	Business Principles	3
_____	POFT 1301	Business English	3
_____	POFT 1329	Beginning Keyboarding or POFT 2301 – Intermediate Keyboarding	3

15

SEMESTER II

_____	ACNT 1304	Intro to Accounting II or ACCT 2302 – Principles of Accounting II (Managerial)	3
_____	BUSI 2301	Business Law	3
_____	MRKG1311	Principles of Marketing	3
_____	POFI 2401	Word Processing	4
_____	POFT 1321	Business Math	3

16

SEMESTER III

_____	BMGT 1301	Supervision	3
_____	ITSW 1407	Introduction to Database	4
_____	POFI 1449	Spreadsheets	4
_____	_____	Humanities/Fine Arts	3

14

SEMESTER IV

_____	BUSI 1307	Personal Finance	3
_____	POFT 2312*	Business Correspondence & Communication	3
_____	SPCH 1315	Public Speaking	3
_____	_____	Natural Science/Math	3
_____	_____	Social/Behavioral Science	3

15

TOTAL HOURS = 60

Advising Notes

Students who have had previous keyboarding experience and type 40 wpm or above should take POFT 2301 instead of POFT 1329. Students taking POFI 2401 – Word Processing must have taken POFT 1329, POFT 2301, or have previous typing experience.

*Capstone course

GENERAL BUSINESS



CERTIFICATE

(TSI-Waived Program)

The General Business certificate teaches basic business skills. Hours earned on this certificate may be applied toward the General Business degree.

Academic advisor: Dwayne Ferguson, (903) 693-2066, dferguson@panola.edu

SEMESTER I

_____	ACNT 1303	Intro to Accounting I or ACCT 2301 – Principles of Accounting I (Financial)	3
_____	BCIS 1305	Business Computer Applications	3
_____	BUSI 1301	Business Principles	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	POFT 1301	Business English	3
_____	POFT 1329	Beginning Keyboarding or POFT 2301 – Intermediate Keyboarding	3

16

SEMESTER II

_____	ACNT 1304	Intro to Accounting II or ACCT 2302 – Principles of Accounting II (Managerial)	3
_____	BUSI 2301	Business Law	3
_____	MRKG1311	Principles of Marketing	3
_____	POFI 2401	Word Processing	4
_____	POFT 1321	Business Math	3

16

TOTAL HOURS = 32

Advising Notes

Students who have had previous keyboarding experience and type 40 wpm or above should take POFT 2301 instead of POFT 1329. Students taking POFI 2401 – Word Processing must have taken POFT 1329, POFT 2301, or have previous typing experience.

Gainful employment data: https://www.panola.edu/programs/gainful_employment/general_business/gedt.html

OFFICE PROFESSIONAL



ASSOCIATE OF APPLIED SCIENCE

This degree is designed for students preparing for employment as executive secretaries or administrative assistants. The curriculum is also intended for technical, educational and general office support personnel.

Academic advisor: Dwayne Ferguson, (903) 693-2066, dferguson@panola.edu

SEMESTER I

_____	ACNT 1303	Intro to Accounting I	3
_____	BCIS 1305	Business Computer Applications	3
_____	BUSI 1301	Business Principles	3
_____	POFT 1301	Business English	3
_____	POFT 2301	Intermediate Keyboarding	3
			15

SEMESTER II

_____	ACNT 1304	Intro to Accounting II	3
_____	POFI 1449	Spreadsheets	4
_____	POFI 2401	Word Processing	4
_____	POFT 1321	Business Math	3
_____	POFT 1309	Administrative Office Procedures I	3
			17

SEMESTER III

_____	ITSW 1407	Introduction to Database	4
_____	SPCH 1315	Public Speaking	3
_____	_____	Elective – BMGT, BUSI, COSC, IT-, IM-, MRKG, or PO-	3
_____	_____	Elective – BMGT, BUSI, COSC, IT-, IM-, MRKG, or PO-	3
_____	_____	Humanities/Fine Arts	3
			16

SEMESTER IV

_____	POFT 2312*	Business Correspondence & Communication	3
_____	_____	Elective – BMGT, BUSI, COSC, IT-, IM-, MRKG, or PO-	3
_____	_____	Natural Science/Math	3
_____	_____	Social/Behavioral Science	3
			12

TOTAL HOURS = 60

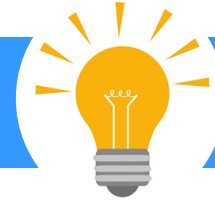
Advising Notes

Students taking POFT 2301 – Intermediate Keyboarding must have taken POFT 1329 or have previous typing experience.

Students taking POFI 2401 – Word Processing must have taken POFT 1329, POFT 2301, or have previous typing experience.

*Capstone course

OFFICE PROFESSIONAL (MEDICAL)



ASSOCIATE OF APPLIED SCIENCE

The Office Professional - Medical Associate of Applied Science degree is designed for students wanting to pursue a secretarial career in a medical office. Courses in the degree focus on improving basic math, English, computer and communication skills. In addition, students will become skilled at medical terminology, office procedures, and medical documentation processing.

Academic advisor: Dwayne Ferguson, (903) 693-2066, dferguson@panola.edu

SEMESTER I

_____	ACNT 1303	Intro to Accounting I	3
_____	BCIS 1305	Business Computer Applications	3
_____	POFI 2401	Word Processing	4
_____	POFT 1301	Business English	3
_____	POFT 2301	Intermediate Keyboarding	3
			16

SEMESTER II

_____	ACNT 1304	Intro to Accounting II	3
_____	BIOL 2404	Intro to Anatomy & Physiology	4
_____	POFI 1449	Spreadsheets	4
_____	POFT 1321	Business Math	3
			14

SEMESTER III

_____	HITT 1305	Medical Terminology I	3
_____	HITT 1441	Coding & Classification Systems (prereq: BIOL 2404)	3
_____	HITT 1301	Health Data Content and Structure	4
_____	SPCH 1315	Public Speaking	3
_____	_____	Humanities/Fine Arts	3
			16

SEMESTER IV

_____	HITT 1303	Medical Terminology II	3
_____	HITT 1211	Health Information Systems	2
_____	HITT 1342	Ambulatory Coding	3
_____	POFT 2312*	Business Correspondence & Communication	3
_____	_____	Social/Behavioral Science	3
			14

TOTAL HOURS = 60

Advising Notes

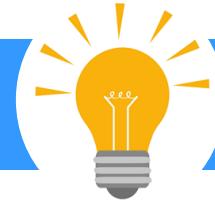
BIOL 2404 must be taken before HITT 1441 - Coding & Classification Systems.

Students taking POFT 2301 – Intermediate Keyboarding must have taken POFT 1329 or have previous typing experience.

Students taking POFI 2401 – Word Processing must have taken POFT 1329, POFT 2301, or have previous typing experience.

*Capstone course

ADMINISTRATIVE ASSISTANT



CERTIFICATE

(TSI-Waived Program)

Individuals who are already in the workforce or who need to gain workplace skills may want to consider the Administrative Assistant certificate. This certificate focuses more narrowly on job training and can be completed in two semesters. Hours earned on this certificate may be applied toward the Office Professional Associate of Applied Science degree.

Academic advisor: Dwayne Ferguson, (903) 693-2066, dferguson@panola.edu

SEMESTER I

_____	ACNT 1303	Intro to Accounting I	3
_____	BCIS 1305	Business Computer Applications	3
_____	BUSI 1301	Business Principles	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	POFT 1301	Business English	3
_____	POFT 2301	Intermediate Keyboarding	3

16

SEMESTER II

_____	ACNT 1304	Intro to Accounting II	3
_____	POFI 1449	Spreadsheets	4
_____	POFI 2401	Word Processing	4
_____	POFT 1321	Business Math	3
_____	POFT 1309	Administrative Office Procedures I	3

17

TOTAL HOURS = 33

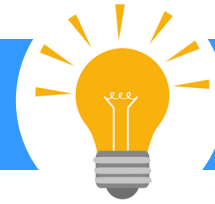
Advising Notes

Students taking POFT 2301 – Intermediate Keyboarding must have taken POFT 1329 or have previous typing experience.

Students taking POFI 2401 – Word Processing must have taken POFT 1329, POFT 2301, or have previous typing experience.

Gainful employment data: https://www.panola.edu/programs/gainful_employment/administrative_asst/gedt.html

GENERAL OFFICE



CERTIFICATE

(TSI-Waived Program)

The general office certificate prepares students for an entry-level office position and might appeal to the individual desiring to improve his or her secretarial skills. Hours earned on this basic certificate may be applied toward the Administrative Assistant certificate and the Office Professional degree.

Academic advisor: Dwayne Ferguson, (903) 693-2066, dferguson@panola.edu

SEMESTER I

_____	ACNT 1303	Intro to Accounting I	3
_____	BCIS 1305	Business Computer Applications	3
_____	BUSI 1301	Business Principles	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	POFT 1301	Business English	3
_____	POFT 2301	Intermediate Keyboarding	3
			16

TOTAL HOURS = 16

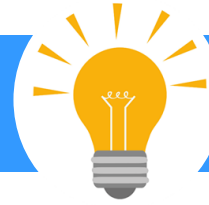
Advising Notes

Students taking POFT 2301 – Intermediate Keyboarding must have taken POFT 1329 or have previous typing experience.

Gainful employment data: https://www.panola.edu/programs/gainful_employment/general_office/gedt.html

MARKETABLE SKILLS

MICROSOFT OFFICE



(TSI-Waived Program)

Coursework includes software training that addresses the heart of the Microsoft Office suite: Word, Excel, and Access. The student has the option to take these courses over the Internet or in a traditional classroom setting. These courses target individuals already in the workforce, but any student may participate. The student wanting semester hour credit must complete procedures required by the Admissions/Records Office. Semester hour credit courses may be used to complete occupational certificates or AAS degrees. Completion of these courses prepares students for employment in accordance with guidelines for the Workforce Investment Act.

Academic advisor: Dwayne Ferguson, (903) 693-2066, dferguson@panola.edu

SEMESTER HOUR CREDIT

_____	POFI 2401	Word Processing or	4
	ITSW 1401	Intro to Word Processing	
_____	POFI 1449	Spreadsheets or	4
	ITSW 1404	Intro to Spreadsheets	
_____	ITSW 1407	Intro to Database	4

12

TOTAL HOURS = 12

CONTINUING EDUCATION CREDIT

_____	POFI 2001	Word Processing
_____	ITSW 1004	Intro to Spreadsheets
_____	ITSW 1007	Intro to Database

Advising Notes

Students taking POFI 2401 – Word Processing or ITSW 1401 – Intro to Word Processing must have taken POFT 1329, POFT 2301, or have previous typing experience.

DEPARTMENT OF COMPUTER INFORMATION TECHNOLOGY

The computer industry is one of the largest and fastest-growing in the world. The rapid spread of computer-based technologies requires skilled technicians wherever there are computers:

- Businesses of all kinds and sizes
- Government agencies
- Nonprofit organizations
- Schools and universities
- Hospitals and health care facilities
- Homes and home-based businesses

The Computer Information Technology (CIT) program prepares you for today's constantly changing workplace with four separate career paths, each offering skill-specific awards. Based on the skill sets you build, you'll have a wide variety of options in a competitive job market.

Chair

Charlene Johnson
Gullette Technology Building
Carthage, Texas 75633
(903) 693-2057

Professors

- Charlene Johnson

Areas of Study

- Computer Information Technology, Associate of Applied Science Degree
- Microcomputer Software Operator, Certificate
- Microcomputer Support Specialist, Certificate
- Personal Computer Technical Support, Certificate
- Digital Media Design and Development, Certificate

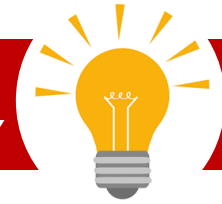
Mission Statement

Department of Computer Information Technology Panola College is dedicated to providing excellent education in the areas of computer science and information technology. This mission is accomplished by offering an Associate of Applied Science degree in Computer Information Technology as well as the following certificates: Microcomputer Software Operator, Microcomputer Support Specialist, Personal Computer Technical Support, and Digital Media Design and Development.

Job Outlook

The Department of Computer Information Technology provides students with both entry and advanced computer skills and a continued path of education to meet current and future job responsibilities. Computer information systems offer high-quality instruction in current networking technology, current generation hardware, and state-of-the-art software in several specialization options.

COMPUTER INFORMATION TECHNOLOGY



ASSOCIATE OF APPLIED SCIENCE DEGREE

Panola College's Computer Information Technology curriculum is designed to meet the needs of individuals who need a generalized degree that will enable them to enter a highly technical workforce. Upon completion of the two-year Computer Information Technology program, the student will obtain an Associate of Applied Science degree. The degree provides the student with an understanding of computer concepts and competence in the functional application of computer information technology.

Academic advisor: Charlene Johnson, (903) 693-2057, cjohnson@panola.edu

SEMESTER I

_____	BCIS 1305	Business Computer Applications	3
_____	ITSC 1405	Intro to PC Operating Systems	4
_____	ITSW 1401	Intro to Word Processing	4
_____	ITSW 1410	Intro to Presentation Graphics Software	4
			15

SEMESTER II

_____	IMED 1416	Web Design I	4
_____	ITSC 1425	Personal Computer Hardware	4
_____	ITSW 1404	Spreadsheets	4
_____	POFI 2431	Desktop Publishing	4
			16

SEMESTER III

_____	_____	ENGL 1301, ENGL 2311, or SPCH 1315	3
_____	_____	Humanities/Fine Arts	3
_____	IMED 1401	Intro to Digital Media	4
_____	ITSW 1407	Intro to Database	4
			14

SEMESTER IV

_____	ITSC 2435*	Application Software Problem Solving	4
_____	ITSC 2439	Personal Computer Help Desk Support	4
_____	_____	Natural Science	4
_____	_____	Social/Behavioral Science	3
			15

TOTAL HOURS = 60

Advising Notes

- Students taking ITSW 1401 – Intro to Word Processing must have taken POFT 1329, POFT 2301, or have previous typing experience.
- Students taking ITSC 2435 – Application Software Problem Solving must have already taken ITSW 1401, ITSW 1404, ITSW 1407, ITSW 1410, and IMED 1416 and have approval from the instructor.

*Capstone course

MICROCOMPUTER SOFTWARE OPERATOR



CERTIFICATE

(TSI-Waived Program)

Academic advisor: Charlene Johnson, (903) 693-2057, cjohnson@panola.edu

SEMESTER I

_____	BCIS 1305	Business Computer Applications	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	ITSW 1401	Intro to Word Processing	4
_____	ITSW 1404	Intro to Spreadsheets	4
_____	ITSW 1407	Intro to Database	4
_____	ITSW 1410	Intro to Presentation Graphics Software	4

TOTAL HOURS = 20

Students taking ITSW 1401 – Intro to Word Processing must have taken POFT 1329, POFT 2301, or have previous typing experience.
Gainful employment data: https://www.panola.edu/programs/gainful_employment/microcomputer_software_operator/gedt.html

MICROCOMPUTER SUPPORT SPECIALIST



CERTIFICATE

(TSI-Waived Program)

SEMESTER I

_____	BCIS 1305	Business Computer Applications	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	ITSC 1405	Intro to PC Operating Systems	4
_____	ITSW 1401	Intro to Word Processing	4
_____	ITSW 1407	Intro to Database	4
_____	ITSW 1410	Intro to Presentation Graphics Software	4

20

SEMESTER II

_____	IMED 1416	Web Design I	4
_____	ITSC 1425	Personal Computer Hardware	4
_____	ITSW 1404	Intro to Spreadsheets	4
_____	POFI 2431	Desktop Publishing	4

16

TOTAL HOURS = 36

Students taking ITSW 1401 – Intro to Word Processing must have taken POFT 1329, POFT 2301, or have previous typing experience.
Gainful employment data: https://www.panola.edu/programs/gainful_employment/microcomputer_support_specialist/gedt.html

DIGITAL MEDIA DESIGN AND DEVELOPMENT



CERTIFICATE

(TSI-Waived Program)

Academic advisor: Charlene Johnson, (903) 693-2057, cjohnson@panola.edu

SEMESTER I

_____	BCIS 1305	Business Computer Applications	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	IMED 1401	Intro to Digital Media	4
_____	ITSW 1410	Intro to Presentation Graphics Software	4

12

SEMESTER II

_____	IMED 1416	Web Design I	4
_____	POFI 2431	Desktop Publishing	4

8

TOTAL HOURS = 20

Gainful employment data: https://www.panola.edu/programs/gainful_employment/digital_media_&_design/gedt.html

PERSONAL COMPUTER TECHNICAL SUPPORT



CERTIFICATE

(TSI-Waived Program)

SEMESTER I

_____	BCIS 1305	Business Computer Applications	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	ITSC 1405	Intro to PC Operating Systems	4
_____	ITSW 1407	Intro to Database	4

12

SEMESTER II

_____	ITSC 1425	Personal Computer Hardware	4
_____	ITSC 2439	Personal Computer Help Desk Support	4

8

TOTAL HOURS = 20

Gainful employment data: https://www.panola.edu/programs/gainful_employment/personal_computer_technical_support/gedt.html

TECHNICAL PATH

DEPARTMENT OF COSMETOLOGY

The Cosmetology program at Panola College is an “open” program; however, the program requires additional application and requirements. Admission to Panola College does not guarantee admission to specific courses or programs of study.

The Cosmetology program is licensed by the Texas Department of Licensing and Regulation Commission to provide students with both theory and practical skills in all phases of hairstyling, manicures, pedicures, make up application, and salon management. The program provides instruction designed to prepare students to attain licenses in three areas of training: operator, nail technology, and instructor training.

Our student’s practical skills are developed through experience in an on-site salon which is equipped and managed, according to industry standards, by the students with instructor supervision. Students completing the necessary clock hours in the chosen area of training are certified to take the state examination administered by the Texas Department of Licensing and Regulation. After passing the examination, the individual is licensed to work in the area of training in the beauty-care industry.

Chair

Paula Fults
Shelby College Center
Center, Texas 75935
(936) 598-6135

Professors

- Paula Fults – Cosmetology, Center
- Patti Redmon – Cosmetology, Carthage
- Bobbie Smith – Cosmetology, Center and Carthage

Areas of Study

- Cosmetology - Operator
- Cosmetology - Instructor Training
- Nail Technology

How to Apply to the Cosmetology Program

1. You must apply and be admitted to Panola College.
2. Call the Carthage campus at (903) 693-2056 or the Center campus at (936) 598-6135 and speak with a Cosmetology instructor to receive advisement/mentoring.
3. Complete approved assessment test. Contact the Testing Center at (903) 693-2036 to schedule, if needed.
4. Complete the application packet found on the Cosmetology webpage at <https://www.panola.edu/programs/cosmetology/>.
5. Submit the completed application packet to the Cosmetology Department.

Requirements of the Cosmetology Program

- Be 17 years of age before the State Board Examination.
- Must submit to a criminal background check (to be completed at the time of application). If affected by background check results, the student will be advised of their ineligibility before the start of the program.
- Student permit and examination fee (currently \$25, paid to the Texas Department of Licensing and Regulation by certified check or money order prior to enrollment).
- Three 1.5 inch by 1/5 inch headshot color photos.

For program-specific information and FAQs, please visit the Associate Degree Nursing link:
<https://www.panola.edu/programs/cosmetology/>.

Expenses

- Textbooks, student equipment kit and any additional supplies as needed.
- Suitable uniforms and accessories.
- Provide transportation and expenses for state examination site.
- Expenses for field trips.

System of Grading

The cosmetology program operates on a departmental grade scale which differs from college-wide practice. The cosmetology grade scale is as follows:

A	=	90 - 100
B	=	80 - 89
C	=	70 - 79
F	=	Below 70

Mission Statement

The mission of the cosmetology program is to prepare students to care for hair, nails, and skin with emphasis in hygiene, sanitation, customer relations, and salon management.

Department Objective

To provide skills in cosmetology that prepares the student to receive state licensure and successfully enter the job market.

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of barbers, hairdressers, and cosmetologists is projected to grow 8 percent from 2018 to 2028.

COSMETOLOGY – OPERATOR



CERTIFICATE

(TSI-Waived Program)

The Operator curriculum requires 1,000 clock hours of instruction in hair cutting, chemical reformation, manicuring, facial/skin care, hair color and hairstyling. Approximately 40 hours of training a week for three semesters will provide the necessary clock hours to be certified to take the state examination administered by the Texas Department of Licensing and Regulation. The Operator program is offered at both the Center and Carthage campuses.

Academic advisors: Paula Fults, (936) 598-6135, pfults@panola.edu
Bobbie Smith, (903) 693-1151, bsmith@panola.edu

SEMESTER I

_____	CSME 1354	Artistry of Hair Design I	3
_____	CSME 1401	Orientation to Cosmetology	4
_____	CSME 1405	Fundamentals of Cosmetology	4
_____	CSME 1443	Manicuring & Related Theory	4
_____	CSME 2204	Intro to Theory and Chemistry of Hair Color	2
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
			18

SEMESTER II

_____	CSME 1248	Principles of Skin Care	2
_____	CSME 1453	Chemical Reformation and Related Theory	4
_____	CSME 2401	Principles of Hair Coloring and Related Theory	4
_____	CSME 2439	Advanced Hair Design	4
_____	CSME 2441*	Preparation for the State Licensing Examination	4
			18

TOTAL HOURS = 36

Gainful employment data: https://www.panola.edu/programs/gainful_employment/cosm_operator/gedt.html

*Capstone course

COSMETOLOGY – INSTRUCTOR TRAINING



CERTIFICATE

(TSI-Waived Program)

The Instructor Training Curriculum requires 750 clock hours of instruction in preparation skills in class room management, teaching methodologies, design and lesson plan preparation and presentation and assessment toll techniques. Approximately 20 hours of instruction a week for three semesters will provide the necessary clock hours to be certified to take the state examination. Applicants must be 21 years old or older, have valid Cosmetology licenses, and furnish proof of high school graduation and three years of verified work experience as an operator. In addition, the applicant must be interviewed and approved by the instructors of the cosmetology program. The instructor program is taught ONLY on the Center campus, and enrollment is limited.

Academic advisor: Paula Fults, (936) 598-6135, pfults@panola.edu

SEMESTER I

_____	CSME 1435	Orientation to the Instruction of Cosmetology	4
_____	CSME 1434	Cosmetology Instructor I	4
<hr/>			8

SEMESTER II

_____	CSME 2414	Cosmetology Instructor II	4
_____	CSME 2449	Cosmetology Instructor III	4
<hr/>			8

SEMESTER III

_____	CSME 2444	Cosmetology Instructor IV Techniques	4
<hr/>			4

TOTAL HOURS = 20

Gainful employment data: https://www.panola.edu/programs/gainful_employment/cosm_instructor/gedt.html

COSMETOLOGY – NAIL TECHNOLOGY



CERTIFICATE

(TSI-Waived Program)

The Nail Technology curriculum requires 600 clock hours of instruction in basic nail technology, product knowledge, application of artificial nails and instruction in anatomy, physiology, theory and related skills of nail technology. Approximately 40 hours a week of instruction for one semester will provide the necessary clock hours to be certified to take the state examination for nail technology administered by the Texas Department of Licensing and Regulation. The Nail Technology program is offered ONLY on the Carthage campus, and enrollment is limited.

Academic advisors: Paula Fults, (936) 598-6135, pfults@panola.edu
Bobbie Smith, (903) 693-1151, bsmith@panola.edu

SEMESTER I

_____	CSME 1430	Orientation to Nail Technology	4
_____	CSME 1431	Principles of Nail Technology I	4
_____	CSME 1441	Principles of Nail Technology II	4
_____	CSME 2430	Nail Enhancement	4
_____	EDUC 1100/ PSYC 1100	Learning Framework	1

TOTAL HOURS = 17

Gainful employment data: https://www.panola.edu/programs/gainful_employment/cosm_nail_tech/gedt.html

THE SCHOOL OF ENERGY

Panola College was approved to offer the Associate of Applied Science Degree in Petroleum Technology beginning Fall 2007. This has allowed Panola College to be in the forefront of training students in the oil and gas industry. As technology continues to shape and influence the growth of the energy sector, companies are constantly in need of educated workers who can step in on day one. Graduates from the School of Energy have a clear understanding of today's skill set in the industry and are able to be competitive in today's workforce. The School of Energy prepares students for careers in high-value industries with a robust job demand. Degrees and certificates in the School of Energy feature a rigorous, Common Core-aligned academic curriculum developed in collaboration with various industry-leading employers. Through each partnership, students gain real-world work experience through internships in areas connected to their classroom studies.

Within two years, students graduate with a Panola College associate degree in Petroleum Technology, Electrical & Instrumentation, or Natural Gas Compression and a set of employer-identified, industry-valued credentials indicating skills mastery. College and career ready, students who complete the program are equipped either to enter their chosen field with a higher education degree or to continue toward a bachelor's degree.

The educational transformation taking part at Panola College in the School of Energy is inspirational; it's this type of dedication and innovation that will help groom tomorrow's successful innovators, employees, and leaders. There's a real need in the United States to graduate more students who are effectively skilled and prepared to succeed in a globally competitive workforce. The fact that these students will gain skills unmatched by their competitors by the time they graduate is remarkable.

Chair

Daniel Hall
Shelby Regional Training Center
Center, Texas 75935
(936) 591-9075

Professors

- Brad Adkins – Welding Technology
- Clint Cassell – Welding Technology, Chair
- Daniel Hall – Petroleum/Electrical/Mechanical
- Michael Pace – Electrical/Mechanical/HVAC
- Jim Permenter – Petroleum/Electrical
- Laura Vance – Petroleum/Safety/Agriculture
- Earnest Spencer – Petroleum/Electrical

Areas of Study

- **Department of Agriculture & Natural Resources**
 - Agriculture
 - Ranch & Land Management
- **Department of Energy**
 - Construction Technology
 - Electrical & Instrumentation
 - Heating, Ventilation, & Air Conditioning
 - Maintenance Technician
 - Natural Gas Compression
 - Petroleum Technology
 - Residential/Commercial Electrician
- **Department of Welding Technology**

Mission

The energy revolution has revealed a shortage of skilled young workers that could last for years. Yet significant challenges remain. A study issued in May 2014 by the employment agency Manpower found that 58% of energy employers report facing difficulties in finding the right talent, and 74% believe the problem will get worse over the next five years. Jobs in the oil-and-gas sector alone are expected to almost double by 2020.

Jobs in the greatest demand are field workers such as plant operators, natural gas compression, electrical & instrumentation, linemen and technicians; skilled trades such as iron workers, welders, pipe fitters and electronic machinists; and highly educated professionals such as environmental safety, information technology, and office professionals.

An aging workforce, changing skill requirements as a result of rapid advances in technology and educational shortcomings are the three major factors for the shortage, employers say.

The pay is certainly eye catching, especially with so many college students graduating under a mountain of debt and facing a tough job market outside the energy field. "As global demand for energy increases, particularly in Asia and India, the U.S. and Canada are poised to supply it - if they can find the workforce to support the industry's growth," the Manpower report said. "If they can't, the lost opportunity is high." The report mirrors a finding last year by the National Research Council that said the U.S. isn't producing enough qualified younger workers to replace baby boomers retiring. That study warned educators that traditional four-year degrees weren't adequately aligning with the industry's needs.

The U.S. shale oil and gas industry currently employs 1.7 million people, the Manpower study states. By 2015, that number is expected to rise to 2.5 million, before hitting 3 million jobs by 2020. The 2007-09 recession delayed retirement for some of these workers due to battered 401(k) investments, but as the economy has slowly healed, they are indeed retiring.

"We have the resources and we have the technology; we just need the people," said Jorge Perez, senior vice president at Manpower, North America.

School of Energy Objectives

- To offer a selective, competitive admissions process
- To provide a curriculum built on core curriculum and hands on training needed by industry
- To produce graduates the skills to enter the job market
- To create a strong and aggressive internship and job placement program
- To employ faculty with the highest degrees or skills set to teach students
- To offer high-quality and extensive lab facilities and equipment that enhance the learning experience and provide students the hands-on practice.
- To prepare graduates to be effective employees from day one.
- To prepare student if they prepare to transfer to a university to complete an advanced degree

DEPARTMENT OF AGRICULTURE & NATURAL RESOURCES

The two-year transfer program in Department of Agriculture is designed to provide the basic courses in general education and agriculture to students who plan to complete a bachelor's degree at a university. Students who plan to major in the Agriculture Education, Animal Sciences, Agri-Business, Horticulture, and Veterinary Medicine should contact an academic advisor.

Professors

Laura Vance

Areas of Study

- Agriculture
- Ranch & Land Management

Mission Statement

The mission of the Department of Business at Panola College is to provide students with general core curriculum and skills necessary for transfer to a university.

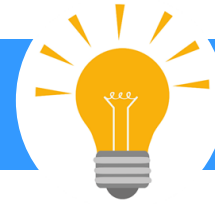
Department Objectives

The objective of the Business program is to produce students who demonstrate proficiency in writing and composition, speech, mathematics, human relations, and computer skills with respect to various business functions.

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of agricultural and food scientists is projected to grow 7 percent from 2018 to 2028. Advances in technology and scientific knowledge related to food production will require greater control of production and processing activities, increasing demand for these workers.

RANCH & LAND MANAGEMENT



ASSOCIATE OF APPLIED SCIENCE

The following is a suggested degree plan with a concentration in Ranch & Land Management.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I

_____	AGME 1170	Ranch & Land Management Construction Skills	1
_____	ENER 1375	Introduction to Mechanical Engines	3
_____	AGRI 1419	Animal Science	4
_____	ELPT 1311	Basic Electrical Theory	3
_____	WLDG 1200	Intro to Welding	2
_____	DEMR 1316	Basic Hydraulics	3

16

SEMESTER III

_____	AGAH 2313	Principles of Feeds and Feeding	3
_____	_____	ENGL 1301, SPCH 1315, or SPCH 1318	3
_____	_____	HIST 1301, HIST 1302, GOVT 2305, or GOVT 2306	3
_____	_____	Elective	2
_____	_____	Elective	2

13

SEMESTER II

_____	AGAH 1353	Beef Cattle Production	3
_____	AGCR 1341	Forage and Pasture Management	3
_____	AGCR 2318	Soil Science	3
_____	ENER 1270	Employment Success Energy Industry	2
_____	WMGT 1170	Wild Pig Management & Control	1
_____	WMGT 1271	Management & Biology of Whitetail Deer	2
_____	_____	Elective	3

17

SEMESTER IV

_____	AGCR 2305*	Entomology	3
_____	_____	ENGL/SPCH	3
_____	_____	MATH/Science	3
_____	_____	Elective	2
_____	_____	Social/Behavioral Science	3

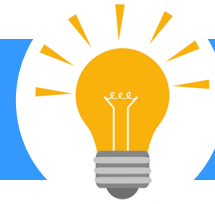
14

TOTAL HOURS = 60

*Capstone course

TECHNICAL PATH

RANCH & LAND MANAGEMENT



CERTIFICATES

The following are suggested certificate plans with a concentration in Ranch & Land Management.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I – CERTIFICATE 1

_____	AGME 1170	Ranch & Land Management Construction Skills	1
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	ENER 1375	Introduction to Mechanical Engines	3
_____	AGRI 1419	Animal Science	4
_____	ELPT 1311	Basic Electrical Theory	3
_____	WLDG 1200	Intro to Welding	2
_____	DEMR 1316	Basic Hydraulics	3
TOTAL HOURS = 17			

SEMESTER II – CERTIFICATE 2

_____	AGAH 1353	Beef Cattle Production	3
_____	AGCR 1341	Forage and Pasture Management	3
_____	AGCR 2318	Soil Science	3
_____	ENER 1270	Employment Success Energy Industry	2
_____	WMGT 1170	Wild Pig Management & Control	1
_____	WMGT 1271	Management & Biology of Whitetail Deer	2
_____	_____	Elective	3
TOTAL HOURS = 17			

DEPARTMENT OF ENERGY

Chair

Daniel Hall
Shelby Regional Training Center
Center, Texas 75963
(936) 591-9075

Professors

- Daniel Hall
- Michael Pace
- Jim Permenter
- Earnest Spencer
- Laura Vance

About the Department of Energy

The Department of Energy includes the following programs:

- Construction Technology
- Electrical & Instrumentation
- Heating, Ventilation & Air Conditioning
- Maintenance Technician
- Natural Gas Compression
- Petroleum Technology
- Residential & Commercial Electrician
- Welding Technology

Mission Statement

The Department of Energy mission is to provide individuals opportunities to learn skills that will support them in entry level positions in the oil and gas, power generation, construction and general workforce industries.

CONSTRUCTION TECHNOLOGY



ASSOCIATE OF APPLIED SCIENCE

The Construction Technology Specialization degree prepares qualified people to enhance their technical skills for career advancement. The program is designed to allow individuals in areas such as Air Conditioning and Refrigeration, Carpentry, Industrial Electricity, Welding, or other related disciplines to assume supervisory, project leader, or management positions.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I

_____	CNBT 1302	Mechanical, Plumbing, & Electrical Systems in Construction I	3
_____	OSHT 1220	Energy Industrial Safety	2
_____	ENER 1375	Intro to Mechanical Engines	3
_____	CNBT 1311	Construction Methods and Materials I	3
_____	WDWK 1270	Beginning Woodworking	2
_____	_____	Elective (ENER, PTRT, ELPT WLDG, DEMR, OSHT)	2

15

SEMESTER III

_____	CNBT 2340*	Mechanical, Plumbing, & Electrical Systems in Construction II	3
_____	HART 2336	Air Conditioning Troubleshooting	3
_____	WLDG 1270	Basic Layout and Fabrication	2
_____	_____	Elective (ENER, PTRT, ELPT WLDG, DEMR, OSHT)	3
_____	ELPT 1341	Motor Control	3
_____	WLDG 1170	Welding Safety	1

15

SEMESTER II

_____	ENER 1270	Employment Success Energy Industry	2
_____	HART 1307	Refrigeration Principles	3
_____	ELPT 1345	Commercial Wiring	3
_____	DFTG 1325	Blueprint Reading & Sketching	3
_____	CNBT 1270	Concrete I	2
_____	WDWK 2270	Intermediate Woodworking	2

15

SEMESTER IV

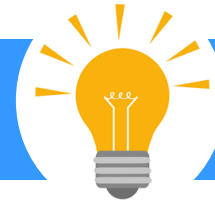
_____	HUMA 2323	World Cultures	3
_____	_____	HIST 1301/1302, SOCI 1301, ECON 2301, GOVT 2305, GOVT 2306, or PSYC 2301	3
_____	_____	GEOL 1403, BIOL 2406, MATH 1342	3
_____	_____	ENGL 1301, ENGL 2311, SPCH 1315	3
_____	_____	ENGL 1301, ENGL 2311, SPCH 1315	3

15

TOTAL HOURS = 60

*Capstone course

CONSTRUCTION TECHNOLOGY



CERTIFICATES

(TSI-Waived Program)

The Construction Technology Specialization degree prepares qualified people to enhance their technical skills for career advancement. The program is designed to allow individuals in areas such as Air Conditioning and Refrigeration, Carpentry, Industrial Electricity, Welding, or other related disciplines to assume supervisory, project leader, or management positions.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I – CERTIFICATE 1

_____	CNBT	1302	Mechanical, Plumbing, & Electrical Systems in Construction I	3
_____	OSHT	1220	Energy Industrial Safety	2
_____	ENER	1375	Intro to Mechanical Engines	3
_____	CNBT	1311	Construction Methods and Materials I	3
_____	WDWK	1270	Beginning Woodworking	2
_____	_____	_____	Elective (ENER, PTRT, ELPT, WLDG, DEMR, OSHT)	2

TOTAL HOURS = 15

SEMESTER II – CERTIFICATE 2

_____	ENER	1270	Employment Success Energy Industry	2
_____	HART	1307	Refrigeration Principles	3
_____	ELPT	1345	Commercial Wiring	3
_____	DFTG	1325	Blueprint Reading & Sketching	3
_____	CNBT	1270	Concrete I	2
_____	WDWK	2270	Intermediate Woodworking	2

TOTAL HOURS = 15

ELECTRICAL & INSTRUMENTATION



ASSOCIATE OF APPLIED SCIENCE

The Electrical & Instrumentation program is designed to prepare students for a career in instrumentation and process control. Instrumentation technicians are employed in a large variety of industries to maintain equipment that controls temperature, pressure, and flow of material or speed and position of objects. Manufacturers such as Toyota, General Motors, Motorola, HEB, and Temple Inland use process control to manufacture automobiles, electronic devices, cardboard containers, and food products. Other industries use process control technicians to refine petroleum products and process chemicals and other materials. Just about everything you use or consume owes its existence to an instrumentation technician.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I

_____	ELPT	1311	Basic Electrical Theory	3
_____	ELPT	1345	Commercial Wiring	3
_____	OSHT	1220	Energy Industrial Safety	2
_____	ENER	1350	Overview of Energy Industry	3
_____	PTRT	1270	Energy Sector Math & Computer Skills	2
_____	DFTG	1325	Blueprint Reading and Sketching	3
				16

SEMESTER II

_____	ENER	1270	Employment Success Energy Industry	2
_____			ENGL/SPCH	3
_____			MATH/Science	3
_____	ENER	1375	Introduction to Mechanical Engines	3
_____			Language, Philosophy, Cultures	3
_____	ELPT	1341	Motor Control	3
				17

SEMESTER III

_____	ELPT	2305	Motors and Transformers	3
_____	ELMT	1301	Programmable Logic Controllers	3
_____			HIST 1301, HIST 1302, HIST 2301, GOVT 2305, or GOVT 2306	3
_____	INMT	2303	Pumps, Compressors, & Mechanical Drives	3
_____	ELPT	1325	National Electrical Code	3
				15

SEMESTER IV

_____	ELPT	1370	Advanced Electricity	3
_____			Social/Behavioral Science	3
_____	PTRT	1324*	Petroleum Instrumentation	3
_____	ELMT	2339	Advanced Programmable Logic Controllers	3
				12

TOTAL HOURS = 60

*Capstone course

Mission Statement

Electrical & Instrumentation graduates will:

- Inspect, calibrate, troubleshoot, and repair the types of instruments used in the instrumentation field.
- Describe instrument control loops.
- Effectively communicate with customers and colleagues in a professional manner.
- Perform their functions in an ethical and safe manner that is consistent with standards and regulations.

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of residential and commercial electricians is projected to grow 10 percent from 2018 to 2028, faster than the average for all occupations. As homes and businesses require more wiring, electricians will be needed to install the necessary components.

RESIDENTIAL/COMMERCIAL ELECTRICIAN



CERTIFICATE

(TSI-Waived Program)

If you have been fascinated by electricity, then you might want to look at a career as an electrician. Electricians enjoy one of the higher paid specialty-industry fields with a solid future as America becomes more dependent on consistent and well-maintained supplies of electricity.

There are two general types of electrical work:

- Construction work – includes reading blueprints, wiring, installing, and testing electrical systems
- Maintenance work – involves troubleshooting, testing, fixing and upgrading already installed, improperly functioning, electrical systems

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I

_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	ELPT 1311	Basic Electrical Theory	3
_____	ELPT 1325	National Electrical Code I	3
_____	OSHT 1220	Energy Industrial Safety	2
_____	DFTG 1325	Blueprint Reading & Sketching	3
_____	ELPT 1341	Motor Control	3
_____	ELPT 1345	Commercial Wiring	3

TOTAL HOURS = 18

Gainful employment data: https://www.panola.edu/programs/gainful_employment/residential_commercial_electrician/gedt.html

HEATING, VENTILATION, & AIR CONDITIONING



CERTIFICATE

(TSI-Waived Program)

The Heating Ventilation and Air Conditioning training program equips students with skills needed to begin a new career in HVAC. The courses within this program teach HVAC components, diagnostics, installation and repair and prepares the student for the EPA Section 608 Certification exam.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I

_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	ELPT 1311	Basic Electrical Theory	3
_____	ELPT 1341	Motor Control	3
_____	ELPT 1345	Commercial Wiring	3
_____	HART 1307	Refrigeration Principles	3
_____	HART 2336	Air Conditioning Troubleshooting	3

TOTAL HOURS = 16

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of heating, air conditioning, and refrigeration mechanics and installers is projected to grow 13 percent from 2018 to 2028, faster than the average for all occupations. Candidates familiar with computers and electronics and those with good troubleshooting skills will have the best job opportunities as employers continue to have difficulty finding qualified technicians to work on complex new systems.

Gainful employment data: https://www.panola.edu/programs/gainful_employment/hvac/gedt.html

MAINTENANCE TECHNICIAN



CERTIFICATES

(TSI-Waived Program)

The Maintenance Technician Certificate program is design for a student to complete both level I and II within one year. This program is designed for a student to be proficient in the installation, troubleshooting, repair, and maintenance of equipment commonly used in the industrial fields. An emphasis is placed on electric motors, transformers, and basic circuits as well basic mechanical knowledge including alignment and the proper use of hand tools. Students will also have an introduction to welding, HVAC, and blueprint reading while being required to practice industry regulated safety practices and following all OSHA requirements.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I – CERTIFICATE 1

_____	DEMR 1316	Basic Hydraulics	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	ELPT 1311	Basic Electrical Theory	3
_____	ELPT 1341	Motor Control	3
_____	INMT 2303	Pumps, Compressors & Mechanical Drives	3
_____	OSHT 1220	Energy Industrial Safety	2
_____	PTRT 1270	Energy Sector Math & Computer Skills	2

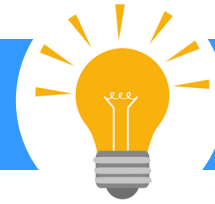
TOTAL HOURS = 17

SEMESTER II – CERTIFICATE 2

_____	DFTG 1325	Blueprint Reading & Sketching	3
_____	ELMT 1301	Programmable Logic Controllers	3
_____	ELPT 1345	Commercial Wiring	3
_____	ELPT 2305	Motors and Transformers	3
_____	HART 1307	Refrigeration Principles	3
_____	WLDG 1200	Introduction to Welding	2

TOTAL HOURS = 17

NATURAL GAS COMPRESSION



ASSOCIATE OF APPLIED SCIENCE

The Natural Gas Compression program is designed to provide technically oriented entry-level employees with basic knowledge and skills of gas compression equipment and maintenance required to efficiently and safely maintain, troubleshoot and operate compression packages in their area of responsibility. They are responsible for the safety, efficiency and reliability of their compressor sites. The compression technician's skills and abilities have a direct impact on production levels and profit.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I

_____	DEMR	1316	Basic Hydraulics	3
_____	DFTG	1325	Blueprint Reading & Sketching	3
_____	ELPT	1311	Basic Electrical Theory	3
_____	ENER	1375	Introduction to Mechanical Engines	3
_____	PTRT	2170	Natural Gas Production	1
_____	OSHT	1220	Energy Industrial Safety	2

15

SEMESTER III

_____	ELMT	1301	Programmable Logic Controllers	3
_____	WLDG	1200	Introduction to Welding	2
_____	_____	_____	MATH/Science	3
_____	_____	_____	ENGL 1301, ENGL 2311, or SPCH 1315	3
_____	_____	_____	ENGL 1301, ENGL 2311, or SPCH 1315	3

14

SEMESTER II

_____	ELMT	2370	Advanced Mechanical Engines	3
_____	ELPT	1341	Motor Control	3
_____	ENER	1270	Employment Success Energy Industry	2
_____	HEMR	1304	Natural Gas Compression	3
_____	INMT	2303	Pumps, Compressors, & Mechanical Drives	3
_____	PTRT	1270	Energy Sector Math & Computer Skills	2

16

SEMESTER IV

_____	_____	_____	Language, Philosophy, Culture	3
_____	_____	_____	HIST 1301/1302, GOVT 2305 GOVT 2306	3
_____	HEMR	1370	Natural Gas Compression II	3
_____	HEMR	1371*	Natural Gas Maintenance and Troubleshooting	3
_____	PTRT	1324	Petroleum Instrumentation	3

15

TOTAL HOURS = 60

*Capstone course

NATURAL GAS COMPRESSION



CERTIFICATES

(TSI-Waived Program)

The Natural Gas Compression Certificate program is designed to provide technically oriented entry-level employees with basic knowledge and skills of gas compression equipment and maintenance required to efficiently and safely maintain, trouble shoot, and operate compression packages in their area of responsibility. They are responsible for the safe, efficient, and reliability of their compressor sites. The compression technician skills and abilities have a direct impact on production levels and profits.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I – CERTIFICATE 1

_____	DEMR	1316	Basic Hydraulics	3
_____	DFTG	1325	Blueprint Reading & Sketching	3
_____	EDUC PSYC	1100/ 1100	Learning Framework	1
_____	ENER	1375	Introduction to Mechanical	3
_____	ELPT	1311	Basic Electrical Theory	3
_____	PTRT	2170	Natural Gas Production	1
_____	OSHT	1220	Energy Industrial Safety Engines	2

TOTAL HOURS = 16

SEMESTER II – CERTIFICATE 2

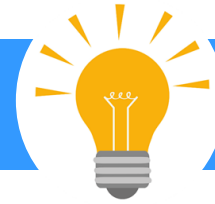
_____	ENER	1270	Employment Success Energy Industry	2
_____	ELPT	1341	Motor Control	3
_____	ELPT	2370	Advanced Mechanical Engines	3
_____	HEMR	1304	Natural Gas Compression	3
_____	INMT	2303	Pumps, Compressors, & Mechanical Drives	3
_____	PTRT	1270	Energy Sector Math & Computer Skills	2

TOTAL HOURS = 16

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of petroleum technicians is projected to grow 7 percent from 2018 to 2028, faster than the average for all occupations. Higher prices for oil and strong demand for natural gas is expected to increase demand for geological exploration and extraction in the future. Panola College's Compression Technology Program is designed to train technicians for the rapidly growing compression component of the Haynesville Shale development in Texas and Louisiana.

PETROLEUM TECHNOLOGY



ASSOCIATE OF APPLIED SCIENCE

New students must meet the following entrance requirements to this program:

- Students must apply to Panola College.
- Students must contact the Dean of Professional & Technical Programs or College Advisor.
- In order to be registered for the Petroleum Technology AAS degree, students must pass ALL parts of the TSI Assessment.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I

_____	ELPT	1311	Basic Electrical Theory	3
_____	DEMR	1316	Basic Hydraulics	3
_____	OSHT	1220	Energy Industrial Safety	2
_____	ENER	1350	Overview of Energy Industry	3
_____	PTRT	1270	Energy Sector Math & Computer Skills	2
_____	WLDG	1200	Introduction to Welding	2
				15

SEMESTER II

_____	DFTG	1325	Blueprint Reading and Sketching	3
_____	ELPT	1341	Motor Control	3
_____	ENER	1270	Employment Success Energy Industry	2
_____	ENER	1375	Introduction to Mechanical Engines	3
_____	HEMR	1304	Natural Gas Compression	3
_____	SCIT	1270	Petroleum Chemistry	2
				15

SEMESTER III

_____	ELMT	1301	Programmable Logic	3
_____	GISC	1270	Introduction to Geographic Information Systems (GIS) Controllers	2
_____	_____	_____	Language, Philosophy, Cultures	3
_____	INMT	2303	Pumps, Compressors, & Mechanical Drives	3
_____	PTRT	1275	Petroleum Regulations	2
_____	_____	_____	HIST 1301/HIST 1302, HIST 2301, GOVT 2305/2306	3
				16

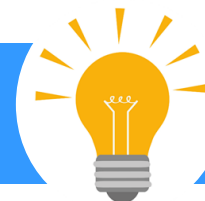
SEMESTER IV

_____	_____	_____	ENGL/SPCH	3
_____	PTRT	1170*	Natural Gas Processing	1
_____	PTRT	1324	Petroleum Instrumentation	3
_____	_____	_____	MATH/Science	3
_____	_____	_____	Social/Behavioral Science	3
				13

TOTAL HOURS = 60

*Capstone course

PETROLEUM TECHNOLOGY



CERTIFICATES

(TSI-Waived Program)

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I – CERTIFICATE 1

_____	DEMR 1316	Basic Hydraulics	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	ELPT 1311	Basic Electrical Theory	3
_____	ENER 1350	Overview of Energy	3
_____	OSHT 1220	Energy Industrial Safety Industry	2
_____	PTRT 1270	Energy Sector Math & Computer Skills*	2
_____	WLDG 1200	Introduction to Welding	2

TOTAL HOURS = 16

SEMESTER II – CERTIFICATE 2

_____	DFTG 1325	Blueprint Reading and Sketching	3
_____	ELPT 1341	Motor Control	3
_____	ENER 1270	Employment Success Energy Industry	2
_____	ENER 1375	Introduction to Mechanical Engines	3
_____	HEMR 1304	Natural Gas Compression	3
_____	SCIT 1270	Petroleum Chemistry	2

TOTAL HOURS = 16

Program Demand and Occupational Need

Employers in the oil and gas industry report considerable difficulty recruiting qualified individuals to fill open positions (lease operators). The oil and gas boom has resulted in increased demand for workers in this and related positions.

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of geological and petroleum technicians is projected to grow 7 percent from 2018 to 2028, faster than the average for all occupations. This degree can open opportunities in jobs such as a lease operator, facility operator, engineering assistants, technical sales professionals, instrument technician, motor control technician, and mechanics.

WELDING TECHNOLOGY

Welding is the process of joining pieces of metal by fusing them together. It is the most common and efficient method of permanently connecting metal parts in the construction of automobiles, spacecraft, ships, appliances, construction equipment and thousands of other products. Welding processes differ in the manner in which heat is applied to the parts being joined as well as in the techniques dictated by the nature of the metals involved and the configuration of the pieces.

Gas welding uses a flame fueled by a mixture of oxygen and acetylene gases to supply heat, while arc welding uses the heat of a low-voltage electric arc. The nature of the metals being joined often makes it necessary to protect the heated area from the air, and different ways of providing inert gas-shielding (GTAW and GMAW welding processes) of the weld zone have been devised.

Chair

Clint Cassell

Gullette Technology Building

Carthage, Texas 75633

(903) 693-2059

Shelby Regional Training Center

Center, Texas 75935

(936) 591-9075

Professors

- Brad Adkins
- Clint Cassell

Areas of Study

Certificates of Proficiency

- Welding Technology, Associate of Applied Science Degree
- Basic Welding, Certificate
- Intermediate Welding, Certificate

Mission Statement

Students at Panola College learn oxy/fuel, shielded metal, gas tungsten, gas metal, and pipe welding. These skills qualify them for a wide variety of welding jobs in manufacturing, construction and maintenance industries. Job opportunities for trained welders are expected to increase in the years ahead. The U.S. Department of Labor publication *Occupational Outlook Quarterly* states that "...employment of skilled welders will grow, and job prospects will be good."

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/11/19), employment of welders, cutters, solderers, and brazers is projected to grow 3 percent from 2018 to 2028 with 14,500 new jobs available. Graduates in the welding program find jobs in industries such as aerospace, ship building, power generation, construction, manufacturing, custom fabrication, defense, mining, industrial maintenance and oil and gas.

WELDING TECHNOLOGY



ASSOCIATE OF APPLIED SCIENCE

The Associate of Applied Science Degree in Welding Technology is designed to prepare the student for a career as a welding technician in the fabrication, construction and manufacturing industries. The program includes hands-on application of SMAW, GTAW, GMAW, and FCAW processes.

Academic advisors: Daniel Hall, (936) 591-9075, dhall@panola.edu
 Clint Cassell, (903) 693-2059 or (936) 591-9075, ccassell@panola.edu

SEMESTER I

_____	WLDG 1423	Welding Safety, Tools, and Equipment	4
_____	WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW)	4
_____	WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)	4
_____	WLDG 1434	Introduction to Gas Tungsten Arc Welding (GTAW)	4

16

SEMESTER III

_____	WLDG 2370	Intermediate Pipe Welding	3
_____	WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW)	4
_____	_____	Academic elective	3
_____	_____	ENGL 1301, ENGL 2311, or SPCH 1315	3

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SEMESTER II

_____	WLDG 1417	Introduction to Layout and Fabrication	4
_____	WLDG 1435	Introduction to Pipe Welding	4
_____	WLDG 1457	Intermediate Shielded Metal Arc Welding (SMAW)	4
_____	WLDG 2451	Advanced Gas Tungsten Arc Welding (GTAW)	4

16

SEMESTER IV

_____	ENER 1270	Employment Success Energy Industry	2
_____	_____	Language, Philosophy, Culture	3
_____	WLDG 2453*	Advanced Pipe Welding	4
_____	_____	MATH or Science	3
_____	_____	HIST 1301, HIST 1302, SOCI 1301, ECON 2301, GOVT 2305, GOVT 2306, or PSYC 2301	3

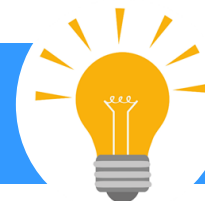
15

TOTAL HOURS = 60

*Capstone course

TECHNICAL PATH

WELDING TECHNOLOGY



CERTIFICATES

(TSI-Waived Program)

Academic advisors: Daniel Hall, (936) 591-9075, dhall@panola.edu
 Clint Cassell, (903) 693-2059 or (936) 591-9075, ccassell@panola.edu

SEMESTER I – CERTIFICATE 1 BASIC WELDING CERTIFICATE

_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	WLDG 1423	Welding Safety, Tools, and Equipment	4
_____	WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW)	4
_____	WLDG 1430	Introduction to Gas Metal Arc Welding (GMAW)	4
_____	WLDG 1434	Introduction to Gas Tungsten Arc Welding (GTAW)	4

TOTAL HOURS = 17

SEMESTER II – CERTIFICATE 2 INTERMEDIATE WELDING CERTIFICATE

_____	WLDG 1417	Introduction to Layout and Fabrication	4
_____	WLDG 1435	Introduction to Pipe Welding	4
_____	WLDG 1457	Intermediate Shielded Metal Arc Welding (SMAW)	4
_____	WLDG 2451	Advanced Gas Tungsten Arc Welding (GTAW)	4

TOTAL HOURS = 16

Gainful employment data: https://www.panola.edu/programs/gainful_employment/welding_basic/gedt.html
https://www.panola.edu/programs/gainful_employment/welding_intermediate/gedt.html

TECHNICAL PATH

THE SCHOOL OF NURSING & HEALTH SCIENCES

One of the goals of Panola College of School of Nursing and Health Sciences is to promote community engagement. Activities directed toward accomplishing this goal involve mutually beneficial collaboration with our partners in health care. Through these projects, faculty members and students engage in education to enable learning beyond the campus walls while providing direct benefit and service to the community. Our Simulation Labs provide state-of-the-art learning opportunities for students. Preprogrammed scenarios allow students to practice providing realistic care without risk of harm to the patient. Scenarios also allow all students the opportunity to care for patients with high-acuity, low-frequency conditions for which they may not experience during clinicals. Scenarios enhance critical thinking skills and clinical judgment with facilitators to guide the learning experience and ensure students achieve learning objectives.

Clinical and fieldwork experiences are provided for students in partner facilities to ensure graduates are as prepared as possible for real-world practice in their chosen profession.

Dean

Kelly Reed-Hirsch
Health and Natural Science Building
Carthage, Texas
(903) 694-4022

Department of Nursing (ADN and LVN)

Annissa Jackson, Chair

- Pre-Bachelors of Science in Nursing (BSN)
- Registered Nursing (RN)
- Licensed Vocational Nursing to ADN (Hybrid Track)

Department of Emergency Medical Technology

Ronnie Morton, Chair

- Emergency Medical Technology, Basic
- Emergency Medical Technology, Paramedic

Department of Health Information Technology

Lynn Hanson, Chair

- Health Information Technology

Department of Medical Assistant

Lynn Hanson, Chair

- Medical Assisting

Department of Medical Laboratory Technology

Jo Ellen Russell, Chair

- Medical Laboratory Technology

Department of Occupational Therapy Assistant

Cheri Lambert, Chair

- Occupational Therapy Assistant

Instructors

- Santana Anderson
- Kim Bishop
- Ashley Brewster
- Lynn Hanson
- Annissa Jackson
- Kimberly Jones
- Terrie King
- Cheri Lambert
- Julie Leming
- Lisa Miller
- Ronold Morton
- Kristy Parker
- Sharon Peace
- Pam Pike
- Jo Ellen Russell
- Chardé Salone
- Ron Singleton
- Steve Stewart
- Joslyn Sullen
- Rebecca Walker
- Laura Witherspoon

Areas of Study

- Nursing (leading to RN)
- Nursing (leading to LVN)
- Emergency Medical Technician
- Health Information Technology
- Medical Assistant
- Medical Laboratory Technician
- Occupational Therapy Assistant

Mission

The mission of the School Nursing and Health Sciences is to prepare graduates for health professions who will be competent, safe practitioners of their chosen field. Emphasis is placed on clinical problem solving, lifelong learning, competence, and practice within a legal/ethical framework.

School of Nursing & Health Sciences Objectives

- To employ selective, competitive admissions processes
- To provide curricula built on legal and ethical practices in healthcare
- To prepare graduates for their respective careers and licensing exams

About the School of Nursing & Health Sciences

The School of Nursing and Health Sciences provides quality education and training for technicians and professionals across the healthcare spectrum. We develop programs to specifically meet the demands of the workforce in our area for skilled labor in healthcare jobs. We provide professional education for the Associate Degree in Nursing leading to the RN as well as vocational training with a certificate leading to the LVN. Associate degrees are offered for Occupational Therapy Assistants, Medical Assistants, Medical Laboratory Technicians and Health Information Technicians. Certificates are available in Emergency Medical Technology/Paramedic, Medical Assisting, and Health Information Technology. Additional programs and courses are taught through the

continuing Education Division preparing students for the Certified Nurse Aide license, massage therapy license, and other healthcare jobs.

The School of Nursing and Health Sciences tailors education to meet the needs of the students for flexible scheduling by offering many courses online. For example, the ADN program has a flexible, hybrid track for LVNs with all classes online and face-to-face clinicals on weekends and evenings. The Medical Laboratory Technician degree is offered online with labs on occasional Saturdays throughout the program.

We invite you to a challenging and rewarding career in a Health Science field!

DEPARTMENT OF NURSING

Registered Nurse (RN)

Registered nurses (RNs) provide patient-centered care while functioning as a patient safety advocate, a member of the health care team and a member of the profession within the nurses' legal/ethical scope of practice.

Professional nursing (RN) requires a large base of knowledge used to assess, plan and intervene to promote health, prevent disease, recover from illness, or help patients and families cope with impending death. When providing direct patient care, nurses observe, assess and record objective and subjective data, patient reactions and progress, as they plan and evaluate nursing care and interventions. They are health educators and advocates for patients and families.

RNs have a unique scope of practice and can practice independently, although they also collaborate with all members of the health care team to provide the care needed by each patient as an individual or member of a family.

Roles range from direct patient care and case management to establishing nursing practice standards, developing quality assurance procedures, directing complex nursing care systems, conducting clinical research and teaching in nursing programs, as well as practicing in many other settings. While state laws govern the scope of nursing practice, patient needs typically determine a nurse's daily job activities.

Professional nursing responsibilities have changed considerably over time. Nurses today are highly respected and valued members of the health care team who bring their own body of knowledge to the process of health care.

Chair/Academic Advisor

Annissa Jackson, (903) 694-4522, ajackson@panola.edu

Professors

- Santana Anderson
- Ashley Brewster
- Annissa Jackson
- Kimberly Jones
- Julie Leming
- Steve Stewart
- Joslyn Sullen
- Laura Witherspoon

Department Mission

To facilitate an educational environment to foster the development of caring, ethical, competent, novice professional nurses. As such, we contribute to the progression of the nursing profession.

Department Objectives

- To prepare novice professional nurses ready to take NCLEX-RN exam for licensure into basic nursing practice
- To provide an online learning format with clinical flexed to evenings and weekends: LVN-RN hybrid Transition track

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of registered nurses is projected to grow 12 percent from 2018 to 2028, faster than the average for all occupations. Growth will occur for a number of reasons, including an increased emphasis on preventive care; growing rates of chronic conditions, such as diabetes and obesity; and demand for healthcare services from the baby boomer population, as they live longer and more active lives. Registered nurses work in hospitals, physicians' offices, home healthcare services, and nursing care facilities. Others work in correctional facilities, schools, or serve in the military.

Areas of Specialization

- Staff Nurse
- Labor and Delivery Nurse
- Neonatal Nurse
- Pediatric Nurse
- Critical Care Nurse
- Emergency Room Nurse
- Nurse Educator
- Oncology Nurse
- Orthopedic Nurse
- Nephrology Nurse
- Hospice/Palliative Care Nurse
- Mental Health Nurse
- Public Health Nurse/Home Health Nurse
- School Nurse
- Advance Practice Nurse (Nurse Practitioner, Nurse Anesthetist, etc.) – requires additional education

Accreditation

The ADN program is fully approved by the

Texas Board of Nursing (BON)
333 Guadalupe, Suite 3-460
Austin, TX 78701
(512) 305-7400

and is accredited on conditions by the

Accreditation Commission for Education in Nursing (ACEN)
3343 Peachtree Road, Suite 850
Atlanta, GA 30326
(404) 975-5000
www.acenursing.org

DEPARTMENT OF NURSING

Pre-Bachelor of Science in Nursing

Academic Advisor

Annissa Jackson, (903) 694-4522, ajackson@panola.edu

Department Mission

To assist students to achieve higher levels of education and training through an improved education system that promotes seamless academic progression. Whether nursing students take the pre-BSN track or the ADN to BSN track to earn their Registered Nursing license, all professional nursing students should be prepared to earn the BSN.

Department Objectives

- To promote the Institute of Medicine's (IOM's) goal of increasing the number of BSN prepared nurses to meet the growing demand for professional nurses needed by 2020 by preparing students to enter basic BSN programs or
- To prepare students to enter the ADN program with core completion so they are ready to complete the BSN with one additional year of school after completing the ADN (1+2+1)

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of registered nurses is projected to grow 12 percent from 2018 to 2028, faster than the average for all occupations. Growth will occur for a number of reasons, including an increased emphasis on preventive care; growing rates of chronic conditions, such as diabetes and obesity; and demand for healthcare services from the baby boomer population, as they live longer and more active lives. With the pre-BSN track, students will only be ready for gainful employment if they complete the ADN or BSN degree and earn the Registered Nursing (RN) license.

HEALTH SCIENCE – NURSING

FIELD OF STUDY



SUGGESTED DEGREE PLAN

The field of study is a suggested degree plan to meet bachelor of science in nursing core requirements for a Texas university. Please see a nursing advisor to learn specific university core course requirements.

SEMESTER I

_____	BIOL	2401	Anatomy & Physiology I
_____	ENGL	1301	Composition I
_____	HIST	1301	United States History I
_____	KINE	_____	Activity elective
_____	MATH	1342	Elementary Statistical Methods
_____	PSYC	1100	Learning Framework

SEMESTER II

_____	BIOL	2402	Anatomy & Physiology II
_____	ENGL	1302	Composition II or ENGL 2311 – Technical & Business Writing
_____	HIST	1302	United States History II
_____	KINE	_____	Activity elective
_____	_____	_____	Creative Arts

SEMESTER III

_____	CHEM	1405	Intro to Chemistry I
_____	GOVT	2305	Federal Government
_____	HUMA	1301	Intro to Humanities
_____	KINE	_____	Activity elective
_____	PSYC	2301	General Psychology
_____	SPCH	1315	Public Speaking

SEMESTER IV

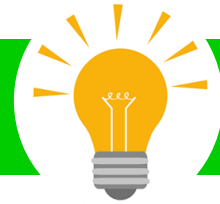
_____	BCIS	1305	Business Computer Applications or COSC 1301 – Introduction to Computing
_____	BIOL	1322	Nutrition & Diet Therapy
_____	BIOL	2420	Microbiology or BIOL 2421 – Microbiology for Science Majors
_____	GOVT	2306	Texas Government
_____	PSYC	2314	Lifespan Growth & Development

Bold courses are required by the Health Science – Nursing Field of Study.

Core Curriculum Requirements

For curriculum options, see the Associate of Arts/Science Core Curriculum on page 107.

ASSOCIATE DEGREE NURSING



ASSOCIATE OF APPLIED SCIENCE

Academic advisor: Annissa Jackson, (903) 694-4522, ajackson@panola.edu

PREREQUISITE SEMESTER

_____	BIOL	2401	Anatomy & Physiology I	4
_____	BIOL	2402	Anatomy & Physiology II	4
_____	PSYC	2301	General Psychology	3
_____	BIOL	2420	Microbiology	4

15

SEMESTER I

_____	ENGL	1301	Composition & Rhetoric I	3
_____	RNSG	1216	Professional Nursing Competencies	2
_____	RNSG	1430	Health Care Concepts I	4
_____	RNSG	1128	Introduction to Health Care Concepts	1
_____	RNSG	1125	Professional Nursing Concepts I	1
_____	RNSG	1160	Clinical I	1

12

SEMESTER II

_____	PSYC	2314	Lifespan Growth & Development	3
_____	RNSG	1533	Health Care Concepts II Competencies	5
_____	RNSG	1126	Professional Nursing Concepts II	1
_____	RNSG	2261	Clinical II	2

11

SEMESTER III

_____	_____	_____	Creative Arts/Language, Phil, Culture elective	3
_____	RNSG	1538	Health Care Concepts III	5
_____	RNSG	1137	Professional Nursing Concepts III	1
_____	RNSG	2262	Clinical III	2

11

SEMESTER IV

_____	RNSG	2230	Professional Nursing Review and Licensure Preparation	2
_____	RNSG	2539	Health Care Concepts IV	5
_____	RNSG	2138	Professional Nursing Concepts IV	1
_____	RNSG	2363*	Clinical IV	3

11

TOTAL HOURS = 60

Advising Notes

Enrolling in RNSG courses requires admission to the program.

Non-prerequisite academic courses required for this curriculum such as ENGL 1301 may be taken during any level.

*Capstone experience: Clinical IV performance measures ensure graduates are prepared to function as a novice professional nurse.

Applying to the Associate Degree Nursing Program

The Associate Degree in Nursing (ADN) is a “closed” program and requires additional application and acceptance into the program. Admission to Panola College does not guarantee admission to specific courses or programs of study.

The ADN face-to-face program can be completed in four semesters after prerequisite courses are completed. This program is taught over 24 months with summers off. A new cohort starts each fall and each spring. It is face to face, mainly weekdays. Clinicals are within a 70-mile radius of Carthage, Texas. You will be required to be on campus and/or to attend clinicals 3-4 days per week.

Licensed Vocational Nurses (LVN) may earn an ADN by applying to the LVN-RN Transition program which can be completed in three consecutive semesters after prerequisite courses are completed. This hybrid program requires a student to complete online course work and be on-campus for simulation and/or lab each week plus assigned clinicals. For more information about the Transition program, see page 186 of this catalog.

BEFORE Applying to the ADN Program

1. You must apply and be admitted to Panola College.
2. Fulfill all Texas Success Initiative (TSI) requirements.
3. Complete four prerequisite courses (per the degree plan) with a 2.5 or higher grade point average AND a minimum grade of “C” in each course. All lab courses must have been taken in the same semester and at the same school as the lecture portion of the course. No more than 2 courses may be in progress when applying. RNSG courses transferred in must have been completed within the last two years.
4. Pass the HESI A2 with minimum score of 80 on Reading Comprehension and Math sections and a minimum of 75 on Grammar section. This is a \$60 non-refundable fee and may only be taken twice. Call (903) 693-2036 for an appointment. <https://www.panola.edu/student-success/placement-testing/hesi.html>.

How to Apply to the ADN Program

1. Call (903) 694-4019 to make an appointment to receive advisement/mentoring and an application. Bring with you:
 - a. HESI A2 scores
 - b. Transcript evaluation completed by Student Success office
 - c. Proof of required Hepatitis B immunization series or positive antibody titers by the deadline.
 - d. Unofficial transcript from Panola College, if applicable.
2. Verify official transcripts from each college or university attended were received. Send official transcripts from all other colleges and universities attended to: Admissions/ Records Office, 1109 W. Panola St., Carthage, TX 75633

Requirements of the ADN Program

- Must have a clear criminal background check (to be completed at time of application)
- Must have a clear drug screen (to be completed after admission to program)
- Must have all required immunizations or antibody titers.

Deadline to Apply

- March 1st for fall admission
- October 1st for spring admission

Important Information

- ADN graduates are eligible to take the National Council Licensure Examination (NCLEX-RN). This licensure is required to work as a Registered Nurse.
- Approximate expenses of the nursing program = \$11,000. See page 188 for itemized list.

For program-specific information and FAQs, please visit the Associate Degree Nursing link: <https://www.panola.edu/programs/health-sciences/>.

ASSOCIATE DEGREE NURSING

LVN-RN Transition



ASSOCIATE OF APPLIED SCIENCE

Academic advisor: Annissa Jackson, (903) 694-4522, ajackson@panola.edu

PREREQUISITE SEMESTER

_____	BIOL	2401	Anatomy & Physiology I	4
_____	BIOL	2402	Anatomy & Physiology II	4
_____	PSYC	2301	General Psychology	3
_____	BIOL	2420	Microbiology	4
_____	ENGL	1301	Composition I	3
_____	PSYC	2314	Human Growth & Development	3
_____	_____	_____	Creative Arts/Language, Philosophy, Culture	3

24

SEMESTER I

_____	RNSG	1128	Introduction to Health Care Concepts	1
_____	RNSG	1118	Transition to Professional Nursing Competencies	1
_____	RNSG	1324	Concept-Based Transition to Professional Nursing Practice	3
_____	RNSG	1163	Clinical – Transition to Registered Nurse	1
_____	_____	_____	Equivalency Credit Hours for LVN – 3 Semester Hours	3
_____	_____	_____	Equivalency Credit Hours for LVN – 3 Semester Hours	3
_____	_____	_____	Equivalency Credit Hours for LVN – 3 Semester Hours	3
_____	_____	_____	Equivalency Credit Hours for LVN – 2 Semester Hours	2

17

SEMESTER II

_____	RNSG	1538	Health Care Concepts III	5
_____	RNSG	1137	Professional Nursing Concepts III	1
_____	RNSG	2262	Clinical – Registered Nurse	2

8

SEMESTER III

_____	RNSG	2230	Professional Nursing Review and Licensure Preparation	2
_____	RNSG	2539	Health Care Concepts IV	5
_____	RNSG	2138	Professional Nursing Concepts IV	1
_____	RNSG	2363*	Clinical – Registered Nurse	3

11

TOTAL HOURS = 60

Advising Notes

Enrolling in RNSG courses requires admission to the program.

*Capstone experience: Final Clinical performance measures ensure graduates are prepared to function as a novice professional nurse.

ASSOCIATE DEGREE NURSING

LVN-RN Transition

Hybrid Track

Applying to the LVN-RN Transition Program

The LVN-RN Transition program is a “closed” program and requires additional application and acceptance into the program. Admission to Panola College does not guarantee admission to specific courses or programs of study.

The LVN-RN Transition program allows LVNs to earn an Associate Degree in Nursing (ADN) through a non-traditional format with online didactic classes and flexible face-to-face simulation, lab, and clinical experiences. This program is taught over 12 months, starting each fall. It is offered in a flexible format with classes online and clinicals provided in the evenings and weekends within a 70-mile radius of Carthage, Texas. Clinicals may be scheduled evenings (3pm-11pm) and weekends (anytime between 6am on Friday to 11pm Sunday) scheduled by the instructors and the clinical site. You will be required to be on campus 1 day per week for simulation and lab, and 1-2 days per week for clinicals. Applicants must have these times available until the schedule is finalized.

Because the Transition program track requires students to be very self-directed and highly self-motivated, the admission criteria differ from those for the traditional ADN student.

BEFORE Applying to the LVN-RN Transition Program

1. You must apply and be admitted to Panola College.
2. Fulfill all Texas Success Initiative (TSI) requirements.
3. Complete seven prerequisite courses (see degree plan on previous page). You must have a minimum GPA of 2.5 in BIOL 2401, BIOL 2402, BIOL 2420, PSYC 2301 and earn a minimum of "C" in each course. RNSG courses transferred in must have been completed within last two years. All lab courses must have been taken in the same semester and at the same school as the lecture portion of the course.
4. Pass the HESI A2 with minimum score of 80 on Reading Comprehension and Math sections and a minimum of 75 on Grammar section. This is a \$60 non-refundable fee and may only be taken twice. Call (903) 693-2036 for an appointment. <https://www.panola.edu/student-success/placement-testing/hesi.html>.

How to Apply to the LVN-RN Transition Program

1. Call (903) 694-4019 to make an appointment to receive advisement/mentoring and an application. Bring with you:
 - a. HESI A2 scores
 - b. Transcript evaluation completed by Student Success office
 - c. Proof of required Hepatitis B immunization series or positive antibody titers by the deadline.
 - d. Unofficial transcript from Panola College, if applicable.
2. Verify official transcripts from each college or university attended were received by deadlines. Send official transcripts from all other colleges and universities attended to: Admissions/ Records Office, 1109 W. Panola St., Carthage, TX 75633.

Requirements of the LVN-RN Transition Program

- Must have a clear criminal background check (to be completed at time of application)
- Must have a clear drug screen (to be completed after admission to program)
- Must have all required immunizations or antibody titers.

Deadline to Apply

- March 1st for fall admission

Important Information

- LVN-RN Transition program graduates are eligible to take the National Council Licensure Examination (NCLEX-RN). This licensure is required to work as a Registered Nurse.
- Approximate expenses of the LVN-RN Transition program = \$9,000. See page 188 for itemized list.

Accreditation

- The ADN program is fully approved by the Texas Board of Nursing, 333 Guadalupe, Suite 3-460, Austin, TX 78701, (512)305-7400, and is accredited on conditions by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Rd NE, Suite 850, Atlanta, GA 30323. (404) 975-5000.

For program-specific information and FAQs, please visit the Associate Degree Nursing link:
<https://www.panola.edu/programs/health-sciences/>.

Expenses of the Nursing Program (All Tracks)

In addition to tuition, fees & books (fees for RNSG labs and clinicals range from \$150-\$300)

- a) Current immunization records: MMR and rubella titer, TDaP, varicella titer, hepatitis B vaccines and titer, flu shot, and TB screening. Smallpox vaccine may be required.
- b) Admission Criminal Background Check (\$45-\$70).
- c) A recent (within the last 6 months) physical examination record.
- d) Uniforms, shoes, a watch with a second hand, stethoscope, scissors, uniform logo, and an ID badge.
- e) Transportation to health care agencies. Driving distances will vary and may be as far as 70 miles OR GREATER from the main campus to clinical sites. Clinical rotations are assigned by nursing faculty.
- f) BON Licensure Application and Criminal Background Check fees.
- g) Graduation expenses such as school pin, photo, cap and gown, etc.
- h) Fee for the NCLEX-RN exam after graduation (\$200).

Note: Students are encouraged (required for LVN-RN Transition students) to have access to a computer with high speed Internet connectivity and Microsoft Word. Expenses may change without notice.

System of Grading

A student may not progress to the next level of RNSG classes without successfully completing all RNSG courses at the previous level.

The nursing program requires a grade of 75 to earn a "C" in any nursing course. A "C" must be maintained in each nursing course to continue in the program. If a student earns a grade of "F" (below 75 in a nursing course) or withdraws from classes, the student will be dropped from the program and must submit a letter and a form to the Chair to be considered for reentry. Readmission is considered on an individual basis. A student may be readmitted once, on a space available basis.

Achievement Examinations

Achievement examinations will be administered throughout the nursing program. In addition to fulfilling the academic requirements of Panola College, all students must successfully pass a comprehensive achievement examination in the final semester of the nursing program or complete remediation in order to be eligible to receive authorization to take the NCLEX-RN. A three-day review for the state board exam will be provided.

DEPARTMENT OF VOCATIONAL NURSING

Panola College's vocational nursing curriculum places emphasis on practical nursing skills, providing classroom lectures, nursing skills training and clinical experience in hospitals and nursing homes.

The vision of the Vocational Nursing Program is to promote safety and caring in nursing. Graduates should be able to care for patients within standard legal, ethical and regulatory parameters. The Vocational Nursing Program is committed to the preparation of individuals who will assume the role of vocational nurse and collaborate with the registered professional nurse and other health care professionals in the delivery of quality health care. Licensed practical nurses (LPNs) and licensed vocational nurses (LVNs) provide basic nursing care. They work under the direction of registered nurses and doctors.

Most licensed practical and licensed vocational nurses work in long-term care facilities, home health, or clinics. Many work nights, weekends, and holidays, because medical care takes place at all hours. They may be required to work shifts of longer than 8 hours.

Chair

Annissa Jackson, (903) 694-4522, ajackson@panola.edu

Instructors

- Lisa Miller
- Sharon Peace
- Pam Pike
- Charde Salone
- Ron Singleton

Department Mission

To prepare competent vocational nurses who are knowledgeable, safe, and demonstrate a positive and caring behavior.

Department Objectives

- To prepare graduates who will assume the role of vocational nurse to care for patients within standard legal, ethical, and regulatory parameters.
- To prepare life-long learners who will continue their nursing education through continuing education and career advancement toward registered nursing.

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of licensed practical and licensed vocational nurses is projected to grow 11 percent from 2018 to 2028, much faster than the average for all occupations. As the baby-boom population ages, the overall need for healthcare services is expected to increase. LPNs and LVNs will be needed in residential care facilities and in-home health environments to care for geriatric patients. Vocational nurses can find employment in nursing homes, home health/hospice, urgent care clinics, doctors' offices, dialysis, public schools, and occupational health.

Licensed Vocational Nurse: Areas of Specialization

- Geriatrics/Extended Care
- Home Health
- Pediatrics
- Dialysis
- School Nursing
- Occupational Health

Applying to the Vocational Nursing Program

The VN program is a “closed” program and requires additional application and acceptance into the program. Admission to Panola College does not guarantee admission to specific courses or programs of study. Upon successful completion of the program, the student will receive a Certificate of Completion and may take the National Council Licensure Examination (NCLEX-PN). Those who pass this examination are granted a license to practice as a Licensed Vocational Nurse in Texas.

The VN program is offered on the Carthage (summer start) and Center (spring start) campuses. This face-to-face program is taught over three semesters.

Clinicals will be scheduled during days, evenings, nights, and/or weekends within a 70-mile radius of Carthage, Texas. Clinicals are scheduled by the instructors and the clinical site. Applicants must have these times available until the schedule is finalized.

BEFORE Applying to the VN Program

1. You must apply and be admitted to Panola College.
2. Complete prerequisite BIOL 2404 with a “C” or higher or BIOL 2401 and BIOL 2402 with a “C” or higher in both courses. Lab must have been taken in the same semester and at the same school as the lecture portion of the course.
3. Pass the HESI A2 with minimum score of 75 on Reading Comprehension, Math, and Grammar sections. This is a \$60 non-refundable fee and may only be taken twice. Call (903) 693-2036 for an appointment. <https://www.panola.edu/student-success/placement-testing/hesi.html>.

How to Apply to the VN Program

1. Call (903) 694-4026 or (936) 598-9543 for questions regarding the VN Program. Students can apply to the program at the Health and Natural Sciences Building in Carthage or at the Shelby College Center in Center, Texas. Applications are given to students September 1 through October 1 and February 1 through March 1. To receive an application, bring with you:
 - a. HESI A2 scores
 - b. Transcript evaluation completed by Student Success office
 - c. Proof of required Hepatitis B immunization series or positive antibody titers by the deadline.
 - d. Unofficial transcript from Panola College, if applicable.
2. Verify official transcripts from each college or university attended were received. Send official transcripts from all other colleges and universities attended to: Admissions/ Records Office, 1109 W. Panola St., Carthage, TX 75633.
3. Applicants not accepted for admission at one campus may reapply at the next enrollment period.

Requirements of the VN Program

- Must have a clear criminal background check (to be completed at time of application)
- Must have a clear drug screen (to be completed after admission to program)
- Must have all required immunizations or antibody titers.

Deadline to Apply

- Carthage program - March 1st for summer admission
- Center program - October 1st for spring admission

Important Information

- Approximate expenses of the VN program = \$9,800.
- The nursing program requires a grade of 75 to earn a “C” in any nursing course. A “C” or higher must be maintained to continue in the program.

Accreditation

- VN program is fully approved by the Texas Board of Nursing, 333 Guadalupe, Suite 3-460, Austin, TX 78701, (512)305-7400.

For program-specific information and FAQs, please visit the Vocational Nursing link:
<https://www.panola.edu/programs/health-sciences/>.

Expenses of the Nursing Program

In addition to tuition, fees, and books, the student who is accepted into the program will complete the following requirements upon admission (fees for lab and clinical range \$150-\$300):

- a. Uniforms, shoes, a watch with a second hand, stethoscope, scissors, and uniform logo.
- b. Remaining required immunizations.
- c. Transportation to health care agencies. Driving distances will vary and may be as far as 70 miles OR GREATER from the main campus to clinical sites. Clinical rotations are assigned by nursing faculty.
- d. Graduation expenses such as school pin, sash photo, etc.
- e. NCLEX-PN course (if needed) and/or NCSBN Review (15 wk course).
- f. Fees for NCLEX-PN exam and Board of Nursing Application.

Note: Students are encouraged to have access to a computer with Internet connectivity.

Students are required to participate in clinical training at multiple sites which may include hospitals, day care centers, physicians' offices, health clinics and other health care facilities in Carthage, Center, Henderson, Marshall, Jefferson, Nacogdoches, Longview, and San Augustine. **Transportation to and from the clinical sites is the responsibility of the student.**

System of Grading

A student may not progress to the next level of VNSG classes without successfully completing all VNSG courses at the previous level.

The nursing program requires a grade of 75 to earn a "C" in any nursing course. A "C" must be maintained in each nursing course to continue in the program. If a student earns a grade of "F" (below 75 in a nursing course) or withdraws from classes, the student will be dropped from the program and must submit a letter and a form to the Director to be considered for reentry. Readmission is considered on an individual basis. A student may be readmitted once, on a space available basis.

Achievement Examinations

Achievement examinations will be administered throughout the nursing program. In addition to fulfilling the academic requirements of Panola College, all students must successfully pass a comprehensive achievement examination in the final semester of the nursing program or complete remediation in order to be eligible to receive authorization to take the NCLEX-PN. A two-day review for the state board exam will be provided.

VOCATIONAL NURSING (VN)



CERTIFICATE

This program is approved by the Texas Board of Nursing. Upon successful completion of the program, the student may take the National Council Licensure Examination (NCLEX-PN). Those who pass this examination are granted a license to practice as Licensed Vocational Nurses in Texas.

Academic advisor: Annissa Jackson, (903) 694-4522, ajackson@panola.edu

PREREQUISITE SEMESTER

_____	BIOL	2404	Anatomy & Physiology	4
				4

SEMESTER II

_____	VNSG	1360	Clinical II – Licensed Practical/Vocational Nurse Training	3
_____	VNSG	1409	Nursing in Health and Illness II	4
				7

SEMESTER I

_____	VNSG	1226	Gerontology	2
_____	VNSG	1231	Pharmacology	2
_____	VNSG	1261	Clinical I – Licensed Practical/Vocational Nurse Training	2
_____	VNSG	1304	Foundations of Nursing	3
_____	VNSG	1323	Basic Nursing Skills	3
_____	VNSG	1400	Nursing in Health & Illness I	4
				16

SEMESTER III

_____	VNSG	1234	Pediatrics	2
_____	VNSG	2260	Clinical III – Licensed Practical/Vocational Nurse Training	2
_____	VNSG	1230	Maternal-Neonatal Nursing	2
_____	VNSG	2410	Nursing in Health and Illness III	4
_____	VNSG	1219	Leadership and Professional Development	2
_____	VNSG	2360*	Clinical IV – Licensed Practical/Vocational Nurse Training	3
				15

TOTAL HOURS = 42

Advising Notes

* Capstone experience: Graduate Assessment Plan (GAP)

Gainful employment data: http://www.panola.edu/programs/gainful_employment/lvn/gedt.html

CERTIFIED NURSE AIDE

The Nurse Aide program at Panola College is an “open” program; however, the program requires additional requirements. Admission to Panola College does not guarantee admission to specific courses or programs of study.

Certified Nurse Aides (CNAs) work in nursing homes, assisted living, Hospice, hospitals, community based long-term care, home health, correctional institutions, and other long-term care settings. Nurse Aides work under a nurse’s supervision and help patients of all ages perform the most basic daily tasks.

The Nurse Aide program provides students with the knowledge, skills, and abilities essential for the provision of basic care to patients in hospitals or at home and residents in long term care facilities. The program offers information necessary for nurse aides to provide nursing related activities in a compassionate, competent, caring manner as a valuable member of the healthcare team.

Upon completion of the program, a student is prepared to take the National Nurse Aide Assessment Program Examination (NNAAP) to become a Certified Nurse Aide.

Chair/Advisor

Betty Gruber, (903) 693-1197, bgruber@panola.edu

Department Mission

To protect the dignity, worth, and rights of all people and to promote communities and the society they form by helping people throughout their lifespan.

Job Outlook

Employment of nursing assistants and orderlies is projected to grow 17 percent from 2014 to 2024, faster than the average for all occupations. Because of the growing elderly population, many nursing assistants and orderlies will be needed in long-term care facilities. CNAs work in nursing and residential care facilities and in hospitals and home health. Nurse aides who pass the state certification examination will be able to work in all health care related areas of employment.

Gainful employment data: http://www.panola.edu/programs/gainful_employment/cna/gedt.html

Certified Nurse Aide

Areas of Specialization

- Home health aide
- Hospitals
- Long term care/geriatrics
- Physicians’ offices
- Sub-acute care facilities

How to Apply to the Certified Nurse Aide Program

1. You must apply and be admitted to Panola College.
2. Contact the Admissions Office at (903) 693-2038 for advisement.

Requirements of the Certified Nurse Aide Program

- Must be at least 17 years of age.
- Must submit to a criminal background check and an employability check by the Texas Department of Aging and Disability Services (to be completed at the time of application to program). If affected by background or employability check results, students will be advised before the start of the program of their ineligibility.
- Students must be physically and mentally capable of performing the necessary tasks and skills required of a nurse aide. A student will be expected to transfer, move, ambulate, or lift patients on a regular basis; therefore, must be able to lift at least 40 pounds.
- Must have all required immunizations or antibody titers.

DEPARTMENT OF EMERGENCY MEDICAL TECHNOLOGY

The Emergency Medical Technology (EMT) Program will challenge students to learn the crucial skills needed to perform in emergency medicine. We take students with minimal to no medical knowledge and train them to assist people in their most critical time of need. EMT's and Paramedics are trained to handle events such as heart attacks, strokes, internal bleeding, diabetic problems, and traumatic injuries.

EMT's and Paramedics help people in critical situations that are often life-threatening and stressful. It is a fast-paced, exciting and rewarding environment, but can be intensely emotional. Quality training and the ability to focus on the human aspects are essential.

Chair

Ronold Morton
Health and Natural Sciences Building
Carthage, Texas
(903) 693-1153

Instructor

Ronold Morton

Mission Statement

EMS Programs provides quality initial and continuing education in Emergency Care to the citizens and industries in our service delivery area, by evaluating quality of instruction through employer surveys, student feedback, student examinations, and advisory board input.

Emergency Medical Technician-Paramedic: "To prepare competent entry-level Emergency Medical Technician-Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains," with or without exit points at the Emergency Medical Technician-Intermediate, and/or Emergency Medical Technician-Basic, and/or First Responder levels.

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of emergency medical technicians (EMTs) and paramedics is projected to grow 7 percent from 2018 to 2028, faster than the average for all occupations. Emergencies, such as car crashes, natural disasters, or acts of violence, will continue to create demand for EMTs and paramedics. Demand for part-time, volunteer EMTs and paramedics in rural areas and smaller metropolitan areas will also continue.

Growth in the middle-aged and elderly population will lead to an increase in the number of age-related health emergencies, such as heart attacks or strokes. This, in turn, will create greater demand for EMTs and paramedic services. An increase in the number of specialized medical facilities will require more EMTs and paramedics to transfer patients with specific conditions to these facilities for treatment.

EMTs are used in a variety of employment settings such as fire departments, ambulance services, EMS agencies, hospital emergency departments, and law enforcement agencies. Additionally, EMTs play a role in clinics, summer camps, wilderness adventure organizations, lifeguarding and ski patrol. Whether you train to be an EMT as your primary employment or as a supplement to your career, the skills and knowledge you gain as an EMT will serve you for a lifetime.

EMERGENCY MEDICAL TECHNOLOGY



CERTIFICATE

(TSI-Waived Program)

The Emergency Medical Technology Program prepares students for a career in the diverse medical field of pre-hospital care as a certified/licensed paramedic. At the different levels of the program, the student will be prepared to test for the appropriate certification through the National Registry of Emergency Medical Technician. Upon successful completion, he/she will then be allowed to apply for state certification. This program is approved by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763, (727) 210-2350.

Academic advisor: Ronold Morton, (903) 693-1153, rmorton@panola.edu

PREREQUISITE SEMESTER

_____	BIOL	2404	Intro to Anatomy & Physiology	4
_____	EMSP	1361	Clinical – Emergency Medical Technology/ Technician (EMT Paramedic)	3
_____	EMSP	1501	Emergency Medical Technician – Basic	5
				12

SEMESTER I (Spring)

_____	EMSP	1338	Introduction to Advanced Practice	3
_____	EMSP	1356	Patient Assessment and Airway Management	3
_____	EMSP	2260	Clinical - Emergency Medical Technology/ Technician (EMT Paramedic)	2
_____	EMSP	2306	Emergency Pharmacology	3
_____	EMSP	2444	Cardiology	4
				15

SUMMER SEMESTER

_____	EMSP	2434	Medical Emergencies	4
				4

SEMESTER II (Fall)

_____	EMSP	1355	Trauma Management	3
_____	EMSP	2143	Assessment Based Management	1
_____	EMSP	2205	EMS Operations	2
_____	EMSP	2261	Clinical – Emergency Medical EMT Paramedic	2
_____	EMSP	2330	Special Populations	3
				11

TOTAL HOURS = 42

Gainful employment data: http://www.panola.edu/programs/gainful_employment/emt/gedt.html

DEPARTMENT OF HEALTH INFORMATION TECHNOLOGY

Chair

Lynn Hanson, (903) 693-1116, lhanson@panola.edu

Advisors

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Lynn Hanson, (903) 693-1116, lhanson@panola.edu

Instructors

Kimberly Bishop

Lynn Hanson

About the Health Information Technology Program

Courses in Health Information Technology prepare students to become health information specialists. The health information technician (HITT) is a professional with a diverse blend of clinical knowledge and information management skills. Most HIT graduates work in hospitals, clinics or nursing homes, but many are finding employment in home health agencies, rehabilitation facilities, county health departments, insurance companies, managed care institutions, software companies, legal firms, and consulting firms.

Students are trained in assembling, analyzing, coding, abstracting and maintaining medical records. Students are also taught basic skills in supervision and management; are introduced to legal and ethical issues affecting health care; learn to compile healthcare statistics; and learn to utilize computer software related to the healthcare field. Second year students are required to complete clinical practice assignments in area healthcare facilities.

A grade of "C" or higher is required for satisfactory completion of all HITT/HPRS courses. A student receiving a grade lower than "C" in an HITT/HPRS course will be required to repeat that course. A student will not be allowed more than a TOTAL of three (3) final grades of "D" or "F" **in any HITT/HPRS course or courses**. When a student receives a THIRD semester grade of "D" or lower in any HITT/HPRS course or combination of courses, the student will be permanently dismissed from the program.

Students will participate in two practicum/clinical experiences during their second year. Students must have a minimum of a "C" in all previous HITT/HPRS courses to be assigned to a clinical experience. These experiences will take place in a hospital, nursing home, and/or doctor's office setting (placement will be determined by instructor).

- Clinical I: online component, virtual simulations
- Clinical II: 40 hours on site plus online component, virtual simulations, job preparation, exam preparation

Student will be responsible for physical exam, drug screen, immunizations, and any other pre-clinical requirements (including costs) of the clinical site. Student will be responsible for transportation to and from clinical site. Students will not be paid for their clinical hours. Students that are otherwise employed by the site WILL NOT receive clinical hour credit for paid employment. Students must be "off the clock" in order to complete their clinical hours. No exceptions will be made.

Additionally, students will be subject to a criminal background check prior to beginning clinicals (cost is included in clinical course fees). **Any prior criminal offenses may disqualify the student from proceeding into clinicals.** Decisions on previous offenses are made on a case by case basis and the final decision will lie with the program director and Dean of Health Sciences.

More information on the above policies, as well as further information on the HIT program can be found in the *Health Information Technology Student Handbook*.

The Panola College Health Information Technology Program is accredited by the Commission on Accreditation for Health Information Management Education (CAHIM).

Any graduate of the program will be eligible to apply to write the national qualifying examination for certification as a Registered Health Information Technician (RHIT).

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of health information technicians is projected to grow 11 percent from 2018 to 2028, much faster than the average for all occupations. HIT professionals should see a large number of new jobs: 23,100 over this period. The demand for health services is expected to increase as the population ages. An aging population will need more medical tests, treatments, and procedures. This will mean more claims for reimbursement from insurance companies.

Additional records, coupled with widespread use of electronic health records (EHRs) by all types of healthcare providers, could lead to an increased need for technicians to organize and manage the associated information in all areas of the healthcare industry. Job opportunities should be best for applicants with strong computer software skills.

Health information technicians work in hospitals, doctors' offices, clinics, and may be self-employed and work from home.

Areas of Study

- Health Information Technology Associate of Applied Science
- Medical Coding Certificate

HEALTH INFORMATION TECHNOLOGY



ASSOCIATE OF APPLIED SCIENCE

Academic advisors: Lynn Hanson, (903) 693-1116, lhanson@panola.edu
 Kimberly Bishop, (903) 693-1126, kbishop@panola.edu

SEMESTER I

_____	BMGT	1301	Supervision	3
_____	EDUC	1100/	Learning Framework	1
	PSYC	1100		
_____	ENGL	1301	Composition I	3
_____	HITT	1301	Health Data Content and Structure	3
_____	HITT	1305	Medical Terminology I	3
_____	HITT	1345	Health Care Delivery Systems	3

16

SEMESTER III

_____	HITT	1361	Clinical I – Health Information/Medical Records Technology/Technician	3
_____	HITT	1441	Coding and Classification Systems	4
_____	HITT	2430	Pathophysiology and Pharmacology	4
_____	PSYC	2301	General Psychology	3
_____			Humanities/Fine Arts	3

17

SEMESTER II

_____	BCIS	1305	Business Computer Applications	3
_____	BIOL	2404	Introduction to Anatomy and Physiology I	4
_____	HITT	1342	Ambulatory Coding	3
_____	MDCA	1305	Medical Law and Ethics or HITT 1353 Legal and Ethical Aspects of Health Information	3
_____	MATH	1342	Elementary Statistical Methods	3

16

SEMESTER IV

_____	HITT	2240	Advanced Medical Billing and Reimbursement	2
_____	HITT	2343	Quality Assessment and Performance Improvement	3
_____	HITT	2346	Advanced Medical Coding	3
_____	HITT	2361*	Clinical II – Health Information/Medical Records Technology/Technician	2

11

TOTAL HOURS = 60

Advising Notes

Semester I – BIOL 2404 is a pre- or co-requisite for HITT 1441. A student may not drop BIOL 2404 without dropping HITT 1441.

*Capstone course

MEDICAL CODING TECHNICIAN



CERTIFICATE

(TSI-Waived Program)

Medical coding is the transformation of verbal description of diseases, injuries and procedures into alphanumeric codes. A coding technician is an individual who reviews and analyzes health records to identify relevant diagnoses and procedures for reimbursement purposes, in the assessment of clinical care and for support of medical research activity. Students must earn a "C" or higher in HITT coding courses in order to register for advanced coding courses.

Academic advisors: Lynn Hanson, (903) 693-1116, lhanson@panola.edu
 Kimberly Bishop, (903) 693-1126, kbishop@panola.edu

SEMESTER I

_____	BIOL 2404	Introduction to Anatomy & Physiology	4
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	HITT 1301	Health Data Content and Structure	3
_____	HITT 1345	Health Care Delivery Systems	3
_____	HITT 1441	Coding and Classification Systems	4

15

SEMESTER II

_____	HITT 1305	Medical Terminology I	3
_____	HITT 1342	Ambulatory Coding	3
_____	HITT 2240	Advanced Medical Billing and Reimbursement	2
_____	HITT 2346	Advanced Medical Coding	3
_____	HITT 2430	Pathophysiology and Pharmacology	4

15

SEMESTER III

_____	MDCA 1305	Medical Law and Ethics or HITT 1353 Legal and Ethical Aspects of Health Information	3
_____	HITT 2245	Coding Certification Exam Review	2

5

TOTAL HOURS = 35

Advising Notes

Semester I – BIOL 2404 is a pre- or co-requisite for HITT 1441. A student may not drop BIOL 2404 without dropping HITT 1441.

Gainful employment data: http://www.panola.edu/programs/gainful_employment/medical_coding_technician/gedt.html

DEPARTMENT OF CLINICAL/MEDICAL LABORATORY TECHNICIAN

Chair

Jo Ellen Russell, (903) 693-1164, jrussell@panola.edu

Advisor

Jo Ellen Russell, (903) 693-1164, jrussell@panola.edu

Instructors

Kimberly Bishop

Jo Ellen Russell

Courses in Medical Laboratory Technology, also known as Clinical Laboratory Science, prepare the student to work in the laboratory to analyze blood, body fluids and tissues using high-tech equipment. This two-year program prepares the student to perform laboratory procedures to aid the physician in the diagnosis and treatment of patients. Medical Laboratory Technicians work in hospitals, clinics and research laboratories.

The MLT program is a “closed” program and requires additional application and acceptance into the program. Admission to Panola College does not guarantee admission to specific courses or programs of study. Graduates of this program will earn an Associate of Applied Science degree in Medical Laboratory Technology.

The MLT program can be completed in two years. This hybrid program requires a student to complete all MLAB classes online with face-to-face labs, on the Carthage campus, on three designated Saturdays a semester. Attendance at labs is required. Additionally, attendance is required at clinical rotations which may be scheduled weekdays or weekends, days or nights. Students will complete four, unpaid clinical experiences (320 hours) during their second year.

BEFORE Applying to the MLT Program

1. You must apply and be admitted to Panola College.
2. Fulfill all Texas Success Initiative (TSI) requirements.
3. Successfully complete one 4-hour course in biology and one 4-hour course chemistry.

How to Apply to the MLT Program

1. Obtain application on the MLT link <https://www.panola.edu/programs/health-sciences>.
2. Verify official transcripts from each college or university attended were sent to: Admissions/Records Office, 1109 W. Panola St., Carthage, TX 75633.
3. Submit completed application to Allied Support Specialist, Kelley Hammond, khammond@panola.edu, on or before the deadline.

Requirements of the MLT Program

- Must be at least seventeen (17) years old at time of application.
- Must complete a criminal background check (prior to beginning clinicals). A criminal history may affect clinical placement.
- Must have a clear drug screen (prior to beginning clinicals).
- All required immunizations must be kept current (proof required prior to clinical).
- Must complete CPR prior to clinical rotations.
- Must maintain a grade of “C” or higher for all MLAB, PLAB, and HITT coursework.

Deadline to Apply

- New students are admitted into MLT program only in the fall semester. Completed applications are due by July 15.

Important Information

- MLT students may become certified phlebotomists during first year of study.
- MLT graduates are eligible to sit for the national examination for certification and/or registration as a Medical Laboratory Technician from ASCP or AMT.

Admission Point System

The MLT Program uses a mathematical formula to compute an applicant's ranking score. The ranking score is based on five criteria. This ranking score is used to select qualified applicants for admission.

- **1 to 10 points** for two Application Essay Questions - based on desire, knowledge, grammar, and ability to clearly convey ideas.
- **4 points** for being a certified/licensed phlebotomist (must supply proof).
- **0.5 to 2 points (16 possible)** each for any successfully completed non-MLT requirement (9 courses - see degree plan - max of 16 points possible). 2 points per "A," 1 point per "B," 0.5 points per "C."
- **0.5 to 2 points** for successful completion of MLAB 1201- Introduction to Clinical Lab Science. 2 points for an "A," 1 point for a "B," 0.5 points for a "C."
- **2 points (6 possible)** for each TSI requirement complete (Math, Reading, Writing) - 6 total points possible

Total points possible (**10 + 4 + 16 + 2 + 6**) = **38 points**. Students will be ranked and ELIGIBLE STUDENTS may be called to **interview** with the director and instructors.

Interview score and initial score will be tallied and open positions in the MLT program will be offered according to total points earned (number of students selected will vary each semester dependent on available positions). **All documentation must be submitted on or before application deadline.**

Department Mission

The MLT Program, like Panola College, shapes its mission around the needs of the people of the service area. Currently our community calls for more medical personnel, particularly in the laboratory field and this program seeks to fulfill that need. This program serves the needs of our students by providing flexibility in online lectures and Saturday labs, allowing students to work and/or tend to their family commitments.

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 2/10/20), employment of medical and clinical laboratory technologists and technicians is projected to grow 11% from 2018-2028 with 35,100 new jobs available. Medical Laboratory Technicians are employed mostly in hospitals (48%) and other diagnostic laboratories (19%).

Accreditation

- The MLT program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 500 N. River Rd. Suite 720, Rosemont, IL 60018-5119. (847) 939-3597

For program-specific information and FAQs, please visit the Medical Laboratory Technician program link: <https://www.panola.edu/programs/health-sciences/mlt>.

CLINICAL/MEDICAL LABORATORY TECHNICIAN



ASSOCIATE OF APPLIED SCIENCE

Academic advisor: Jo Ellen Russell, (903) 693-1164, jrussell@panola.edu

NON-MLT REQUIREMENTS

_____	BIOL	2404	Introduction to Anatomy & Physiology	4
_____	CHEM	1405	Introductory Chemistry I or CHEM 1411 – General Chemistry	4
_____	ENGL	1301	Composition I	3
_____	HITT	1305	Medical Terminology I	3
_____			Social/Behavioral Science	3
_____	BIOL	2420	Microbiology	4
_____			Humanities	3
_____	HITT	1353	Legal and Ethical Aspects of Health Information or MDCA 1305 – Medical Law and Ethics	3
				27

SEMESTER I

_____	MLAB	1201	Introduction to Clinical Laboratory Science or MDCA 1352 – Medical Assistant Laboratory Procedures	2
_____	PLAB	1223	Phlebotomy (or credit by licensure)	2
_____	MLAB	1415	Hematology	4
				8

SEMESTER II

_____	MLAB	1127	Coagulation	1
_____	MLAB	1235	Immunology/Serology	2
_____	MLAB	1231	Parasitology/Mycology	2
_____	MLAB	1211	Urinalysis and Body Fluids	2
				7

SEMESTER III

_____	MLAB	2401	Clinical Chemistry	4
_____	MLAB	2431	Immunoematology	4
				8

SEMESTER IV

_____	MLAB	2434	Clinical Microbiology	4
_____	MLAB	2238*	Advanced Topics in Medical Laboratory Technician/Assistant	2
				6

SUMMER I

_____	MLAB	2160	Clinical - MLT	1
_____	MLAB	2161	Clinical - MLT	1
_____	MLAB	2162	Clinical - MLT	1
_____	MLAB	2163	Clinical - MLT	1
				4

TOTAL HOURS = 60

*Capstone course

DEPARTMENT OF MEDICAL ASSISTING

Chair

Lynn Hanson, (903) 693-1116, lhanson@panola.edu

Advisors

Kimberly Bishop, (903) 693-1126, kbishop@panola.edu

Lynn Hanson, (903) 693-1116, lhanson@panola.edu

Kristy Parker, (903) 694-4018, kparker@panola.edu

Instructors

Kim Bishop

Lynn Hanson

Kristy Parker

Jo Ellen Russell

Courses in Medical Assisting prepare the student to work in many different settings such as physicians' offices, clinics, and group practices. Because Medical Assistants are multi-skilled, they can perform both administrative and clinical procedures making them valuable in health care. As managed care compels physicians to contain costs and manage human resources more efficiently, the demand for medical assistants is rising.

Courses should be taken in the order prescribed in the curriculum. A grade of "C" or higher is required for satisfactory completion of all MDCA/HITT/RNSG courses. Students receiving a grade lower than "C" in an MDCA/HITT/RNSG course will be required to repeat that course. A student will not be allowed more than a TOTAL of three (3) final grades of "D" or "F" **in any MDCA/HITT/RNSG course or courses**. When a student receives a THIRD semester grade of "D" or lower in any MDCA/HITT/RNSG course or combination of courses, the student will be permanently dismissed from the program.

Student will complete practicum rotations (MDCA 1360, 2264) at local hospitals and clinics as assigned by instructors. Students must maintain a 2.0 GPA **AND** have a grade of "C" or better **in all previously attempted MDCA/HITT/RNSG courses** to be assigned to clinical rotations. Transportation to and from the clinical site is the responsibility of the student. An updated immunization record, physical, and drug screen will be required prior to participation in clinical rotations. Cost of these requirements is the responsibility of the student.

Additionally, students will be required to complete CPR training and be subject to a criminal background check prior to beginning clinical/practicums (CPR and background cost are included in Clinical Course fees). **Any prior criminal offenses may disqualify the student from proceeding into practicums**. Decisions on previous offenses are made by case by case basis and the final decision will lie with the program director and Dean of Health Sciences.

More information on the above policies, as well as further information on the MA program can be found in the *Medical Assisting Student Handbook*.

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of medical assistants is projected to grow 23 percent from 2018 to 2028, much faster than the average for all occupations. This occupation is projected to produce 154,900 new jobs over the period. The growth of the aging baby-boom population will continue to increase demand for preventive medical services, which are often provided by physicians. As a result, physicians will hire more assistants to perform routine administrative and clinical duties, allowing the physicians to see more patients.

CLINICAL/MEDICAL ASSISTANT



CERTIFICATE

(TSI-Waived Program)

Courses in Medical Assisting prepare the student to work in many different settings such as physicians' offices, clinics, and group practices. As managed care compels physicians to contain costs and manage human resources more efficiently, the demand for medical assistants is rising. MDCA courses should be taken in the order prescribed in the curriculum. Any graduate of the certificate program will be eligible to apply to sit for the national qualifying examination for certification as a Certified Medical Administrative Assistant (CMAA) from the National Healthcare Association (NHA).

Academic advisor: Lynn Hanson, Chair, (903) 693-1116, lhanson@panola.edu
 Kimberly Bishop, (903) 693-1126, kbishop@panola.edu
 Kristy Parker, (903) 694-4018, kparker@panola.edu

SEMESTER I

_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	HITT 1305	Medical Terminology I	3
_____	HPRS 2332	Health Care Communications	3
_____	MDCA 1321	Administrative Procedures	3
_____	MDCA 1305	Medical Law and Ethics or HITT 1353 – Legal and Ethical Aspects of Health Information	3
			13

SEMESTER III

_____	HITT 2430	Pathophysiology and Pharmacology	4
_____	HPRS 1209	Interpretation of Lab Results	2
_____	MDCA 1417	Procedures in a Clinical Setting	4
_____	MDCA 2264	Practicum (or Field Experience) – Medical/ Clinical Assistant	2
_____	PLAB 1160	Clinical – Phlebotomy/ Phlebotomist	1
_____	PLAB 1223	Phlebotomy	2
			15

SEMESTER II

_____	BIOL 2404	Introduction to Anatomy & Physiology	4
_____	HITT 1211	Health Information Systems	2
_____	HITT 2240	Advanced Medical Billing and Reimbursement	2
_____	MDCA 1352	Medical Assistant Laboratory Procedures	3
_____	MDCA 1260	Clinical – Medical/Clinical Assistant	2
			13

TOTAL HOURS = 41

TECHNICAL PATH

Gainful employment data: http://www.panola.edu/programs/gainful_employment/medical_assisting/gedt.html

DEPARTMENT OF OCCUPATIONAL THERAPY ASSISTANT (OTA)

Occupational Therapy uses meaningful and purposeful activities and occupations to promote health and independence. Under the supervision of a licensed occupational therapist (OT), the occupation therapy assistant (OTA) works directly with individuals, families, groups, and communities to facilitate health and well-being through engagement in meaningful activities and occupations. In addition to direct patient care, occupational therapy practitioners are involved in addressing the impact of social, political, and environmental factors that contribute to occupational deprivation.

The OTA program is located in the Health and Natural Science building on the main Panola College campus and is operated under the guidance of the American Occupational Therapy Association. The OTA curriculum is taught by seasoned occupational therapy practitioners who are experienced in a variety of settings. OTA faculty specialize in adult education techniques that emphasize hands-on learning, mentorship, meaningful and job-related assignments, and the use of technology to enhance instruction.

Chair

Cheri Lambert, (903) 694-4025, clambert@panola.edu

Instructors

- Terrie King
- Cheri Lambert

Adjunct Instructors

- Julie Green

Part-Time Instructor

- Joy Moreland

Department Mission

The Panola College OTA Program offers a specialized health care curriculum designed to meet the needs of the people within its service area. The goal of the program is to graduate competent professionals who use clinical reasoning to provide occupational therapy services that are client centered, occupation based and evidence based. Graduates from this program are skilled at establishing therapeutic relationships and understand the importance of patient advocacy through a variety of community service initiatives.

Department Objectives

- The program will prepare students to make ethical decisions and perform at the highest level of **professionalism** within the classroom and clinical settings.
- The program will prepare students to cultivate **effective relationships** with their peers, faculty and clients.
- The program prepares students to become proactive patient advocates through **service learning** experiences that emphasize therapeutic relationships, patient safety, and social justice.
- The program will prepare students to passionately **advocate** for clients.
- The program will prepare students to use **clinical reasoning** to provide OT interventions which are **occupation based, evidence based and client centered**.

Employment Opportunities

Certified Occupational Therapy Assistant (COTA) – many settings

- Skilled nursing facilities
- Assisted living centers
- Hospitals (acute care, long term acute care, rehab)
- Rehabilitation centers (inpatient and outpatient)
- Pediatric therapy clinics
- School system therapy services
- Private business ownership

Other Related Occupations

- Activities Director
- Director of Therapy Services (skilled nursing facilities, etc.)
- Job Coach
- Life Skills Trainer
- Durable Medical Equipment Sales and Service
- Adult Day Care Coordinator

Job Outlook

According to the *Occupational Outlook Handbook* (accessed 3/22/20), employment of occupational therapy assistants is projected to grow 31% from 2018 to 2028, much faster than the average for all occupations. This occupation is projected to produce 16,000 new jobs over the next decade. Demand for occupational therapy services is expected to rise significantly in response to the health needs of baby-boomers and a growing elderly population.

Program Accreditation

The Occupational Therapy Assistant Program at Panola College is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. ACOTE's telephone number c/o AOTA is (301) 652-AOTA and its Web address is www.acoteonline.org. In 2013, the OTA program was reaccredited for the second time for ten years, the longest period awarded by ACOTE.

Upon completion of the OTA program, graduates will be able to sit for the national certification examination for the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of the exam, the individual will be a Certified Occupational Therapy Assistant (COTA). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. A felony conviction may affect a graduate's ability to take the NBCOT exam or attain state licensure. Students with a criminal history are not guaranteed fieldwork placement.

Applying to the OTA Program

The Occupational Therapy Assistant (OTA) program is a "closed" program and requires additional application and acceptance into the program. Admission to Panola College does not guarantee admission to specific courses or programs of study. Graduates of this program will earn an Associate of Applied Science degree. Additionally, graduates are eligible to take the national certification examination, which upon successful completion, the graduate will be a Certified Occupational Therapy Assistant (COTA).

After prerequisite courses are completed, the OTA program can be completed in five academic semesters including two, eight-week Level II fieldwork experiences. Level II fieldwork experiences must be completed within 18 months following the completion of academic courses.

Please review the Admission Point System (below) to learn how your application to the program will be scored.

BEFORE Applying to the OTA Program

1. You must apply and be admitted to Panola College.
2. Fulfill all Texas Success Initiative (TSI) requirements.
3. Complete prerequisite courses (per the degree plan) with a minimum grade of "C" in each course.
4. Have a minimum 2.5 overall GPA (all grades calculated except remedial courses).

How to Apply to the OTA Program

1. Download the application on the OTA program link at <https://www.panola.edu/programs/health-sciences/>.
2. Submit application, along with official transcripts from each college or university attended, by deadlines. Send official transcripts from all other colleges and universities attended (send to: Records Office, 1109 W. Panola St., Carthage, TX 75633)
3. Submit a Letter of Good Standing from Director/Dean of previous health science programs attended (if applicable).
4. If in the top 50 students selected, participate in an interview process.

Requirements of the OTA Program

- Must have a clear drug screen (to be completed after admission to program)
- Must have all required immunizations (to be completed after admission to program).
- A background check will be completed on all students accepted into the program. A charge or conviction of a felony offense may prevent you from being eligible for OTA licensure in Texas and/or certification by the National Board for Certification in Occupational Therapy. A criminal history may affect fieldwork placement.

Deadline to Apply

- First Monday in June.

Admission Point System

- Overall GPA - 15%: The applicant's overall grade point average is calculated based upon grades for every college course that has been completed, including repeat coursework. For applicants who have completed fewer than 15 hours of college coursework, the high school GPA will be considered. The GPA is divided by 4.0 and multiplied by .15.
- Residency - 5%: The applicant earns 1 point for residency outside of Texas, 2 points for residency within Texas and 3 points for residency with the College's service area (Panola, Harrison, Shelby and Marion counties).
- TSI Status - 5%: TSI completion is a requirement for graduation from Panola College. Students entering the OTA program TSI-incomplete have one calendar year from the date of admission to meet TSI requirements.
- Application Narrative - 15%: OTA faculty score application narratives using a 20-point rubric which equally considers the writer's mechanics, vocabulary, content, organization and knowledge of the OT profession.
- Core Points - 30%: Applicants earn core points by completing core courses as outlined in the degree plan. Points accrue based on the number of core courses completed AND the letter grade earned in each course. The points associated with each course are multiplied by the value of the letter grade earned in the course. For example, an "A" in BIOL2401 earns 20 points, a "B" earns 15 points and a "C" earns 10 points. Two additional points are earned if the applicant has completed an Associate's degree. Four additional points are earned if the applicant has completed a bachelor's degree or higher. The applicant's total score is then multiplied by .30.

BIOL 2401 - 5 points
ENGL 1301 - 2 points
PSYC 2301 - 3 points
HUMA 1301 or 1302 - 2 points
BIOL 2402 - 10 points
PSYC 2314 - 6 points

- Interview - 30%: The importance of the therapist-patient relationship is an essential element of the mission and philosophy of the OTA program. A well-established therapeutic connection between the OTA and the

patient is the key to establishing and reaching successful patient outcomes. Face-to-face interviews provide insight into the applicant's ability to relate to and communicate effectively with others. The interview raw score is divided by the maximum possible score and multiplied by .30.

Selection Process Summary

Each completed application is considered and applicants are ranked according to his or her overall score. The top 50 applicants are selected and scheduled for an interview. Once the interviews are completed, the top 24 students are offered a position in the program.

For program-specific information and FAQs, please visit the Occupational Therapy Assistant program link: <https://www.panola.edu/programs/health-sciences/>.

Expenses of the OTA Program

Upon acceptance into the program, students should expect to incur expenses in addition to tuition, fees and textbook expenses for the following:

- a. Current immunization records: MMR and Rubella titer, T-dap, varicella titer, hepatitis B vaccine and titer, TB screening and influenza (seasonal flu) vaccine
- b. Criminal history background check (\$75)
- c. A recent (within the last 12 months) physical examination record
- d. Liability insurance (assessed during registration)
- e. CPR certification (\$65)
- f. Fieldwork items including uniforms, rubber soled shoes and a digital watch or timer
- g. NBCOT practice Certification Exam Fees (assessed during registration)
- h. Clinical and lab fees (assessed during registration)
- i. Drug screens (\$40 depending on fieldwork placement sites)
- j. Travel to and from clinical and practicum fieldwork sites. Distances may be as far as 60 miles or more from the main campus to fieldwork sites
- k. Graduation expenses (cap, gown, stole, pin, etc.)
- l. National certification expenses, including the NBCOT exam (\$565+)
- m. State licensure fees (\$93) plus fingerprinting (\$40)
- n. Additional background check expenses up to \$150 (including fingerprinting) required for fieldwork completion
- o. Health insurance expenses required for fieldwork completion
- p. Fieldwork management fee (assessed during registration)

Note: All OTA courses are enhanced by the use of Canvas. Students are required to have access to a computer with high speed internet connectivity and Microsoft Word. Program expenses may change without notice.

System of Grading

A student may not progress to the next level of OTHA classes without successfully completing all OTHA courses at the previous level. Students are responsible for completing required coursework as listed in the OTA curriculum.

The OTA program requires a grade of 75 to earn a "C" in any OTA course. If a student earns a grade of "D", "W" or "F" in any required curriculum course, the student will be dropped from the program and must reapply for admittance. A student may be readmitted once, on a space available basis. If readmitted, the student will be required to repeat the course in which the unsatisfactory grade was earned and pass that course with a "C" or better in order to continue. The student will be required to repeat co-requisite OTA courses as identified in this catalog.

Skills Examinations

Critical skills that must be mastered will be tested throughout the program. Students must achieve a score of 75% or better in order to successfully complete the course in which the skills are tested. Detailed grading rubrics for skills exams are provided prior to testing. Students are given three opportunities to pass each skills exam.

OCCUPATIONAL THERAPY ASSISTANT



ASSOCIATE OF APPLIED SCIENCE

Academic advisor: Cheri Lambert, (903) 694-4025, clambert@panola.edu

PREREQUISITE SEMESTER

_____	BIOL	2401	Anatomy & Physiology I	4
_____	ENGL	1301	Composition I	3
_____	PSYC	2301	General Psychology	3
_____	HUMA	1301	Introduction to Humanities	3
				13

SEMESTER I

_____	PSYC	2314	Lifespan Growth & Development	3
_____	OTHA	1260	Clinical – Occupational Therapy Assistant	2
_____	OTHA	1405	Principles of Occupational Therapy	4
_____	OTHA	1415	Therapeutic Use of Occupations or Activities I	4
				13

SEMESTER II

_____	BIOL	2402	Anatomy & Physiology II	4
_____	OTHA	2301	Pathophysiology in Occupational Therapy	3
_____	OTHA	1341	Occupational Performance from Birth Through Adolescence	3
_____	OTHA	2260	Clinical – Occupational Therapy Assistant	2
				12

SUMMER I

_____	OTHA	1409	Human Structure and Function in Occupational Therapy	4
_____	OTHA	2335	Health Care Management in Occupational Therapy	3
				7

SEMESTER III

_____	OTHA	1349	Occupational Performance of Adulthood	3
_____	OTHA	2262	Clinical – Occupational Therapy Assistant	2
_____	OTHA	2402	Therapeutic Use of Occupations or Activities II	4
				9

SEMESTER IV

_____	OTHA	2230	Workplace Skills for the OTA	2
_____	OTHA	2266*	Practicum I (or Field Experience) – Occupational Therapy Assistant	2
_____	OTHA	2267*	Practicum II (or Field Experience) – Occupational Therapy Assistant	2
				6

TOTAL HOURS = 60

*Capstone course