PSJA Memorial ECHS Graduation Orientation

Class of 2021 and Beyond
# Graduation Requirements

<table>
<thead>
<tr>
<th></th>
<th>Distinguished Level Achievement 27 Credits</th>
<th>Distinguished Level of Achievement with Collegiate Honors 28 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English Language Arts</strong></td>
<td>Four credits:</td>
<td>Four credits:</td>
</tr>
<tr>
<td></td>
<td>English I, English II</td>
<td>English I, English II</td>
</tr>
<tr>
<td></td>
<td>English III, English IV</td>
<td>English III, English IV</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>Four credits:</td>
<td>Four credits:</td>
</tr>
<tr>
<td></td>
<td>Algebra I, Geometry</td>
<td>Algebra I, Geometry</td>
</tr>
<tr>
<td></td>
<td>Algebra II, Advanced math credit</td>
<td>Algebra II, Advanced math credit</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>Four credits:</td>
<td>Four credits:</td>
</tr>
<tr>
<td></td>
<td>Biology, Chemistry</td>
<td>Biology, Chemistry</td>
</tr>
<tr>
<td></td>
<td>Physics, Advanced science</td>
<td>Physics, Advanced science credit</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>Four credits:</td>
<td>Four credits:</td>
</tr>
<tr>
<td></td>
<td>World Geography or Human Geography, World History</td>
<td>World Geography or Human Geography, World History</td>
</tr>
<tr>
<td></td>
<td>U.S. History, Economics (1/2 credit)</td>
<td>U.S. History, Economics (1/2 credit)</td>
</tr>
<tr>
<td></td>
<td>U.S. Government (1/2 credit)</td>
<td>U.S. Government (1/2 credit)</td>
</tr>
</tbody>
</table>
# Graduation Requirements

<table>
<thead>
<tr>
<th></th>
<th>DLA 27 credits</th>
<th>DLACH 28 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical Education</strong></td>
<td>One credit</td>
<td>One credit</td>
</tr>
<tr>
<td><strong>Languages Other Than English</strong></td>
<td>Three credits in the same language</td>
<td>Three credits in the same language</td>
</tr>
<tr>
<td><strong>Fine Arts</strong></td>
<td>One credit</td>
<td>One credit</td>
</tr>
<tr>
<td><strong>Speech</strong></td>
<td>One-half credit</td>
<td>One-half credit</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>Five and one-half credits</td>
<td>Six and one-half credits</td>
</tr>
<tr>
<td><strong>EOC</strong></td>
<td>Pass all 5 STAAR exams</td>
<td>Pass all 5 STAAR exams</td>
</tr>
<tr>
<td><strong>Endorsements</strong></td>
<td>Required</td>
<td>Required</td>
</tr>
</tbody>
</table>
## Graduation Requirements

<table>
<thead>
<tr>
<th></th>
<th>DLA 27 credits</th>
<th>DLACH 28 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FAFSA/TASFA</strong></td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td><strong>College Applications</strong></td>
<td>Two</td>
<td>Three completed by December of senior year (one will be Out of State college application)</td>
</tr>
<tr>
<td><strong>Transition plan</strong></td>
<td>A transition plan leading to a post-secondary career goal completed by December of senior year</td>
<td>A transition plan leading to a post-secondary career goal completed by end of 5th six weeks</td>
</tr>
<tr>
<td><strong>Post-Secondary work</strong></td>
<td><strong>Option 1</strong>- Core Complete (42 hours)</td>
<td>Must be core complete (minimum 42 hours) and/or an associate degree</td>
</tr>
<tr>
<td></td>
<td><strong>Option 2</strong>- Completion of college certificate</td>
<td>To compete for the top 10%:</td>
</tr>
<tr>
<td></td>
<td><strong>Option 3</strong>- Completion of 12 college hours with a transition plan leading to a higher education career goal</td>
<td>Option 1- Associate complete by December of senior year and/or -Enrolled in final courses leading to an associate by January 31 of senior year. (Dropping any of those courses will disqualify student)</td>
</tr>
<tr>
<td></td>
<td><strong>Option 4</strong>- Endorsement only (with principal approval)</td>
<td>Option 2 - Core complete by December of senior year or enrolled in final courses by end of 5th six weeks</td>
</tr>
</tbody>
</table>
# Graduation Requirements

<table>
<thead>
<tr>
<th>Scholarship application</th>
<th>DLA 27 credits</th>
<th>DLACH 28 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two recommended</td>
<td>Two (Five for top 10%, one of which must be Ford, Dell, Hispanic, Coca-Cola, Gates Millennium or other of similar prestige) completed by end of 5th six weeks</td>
<td></td>
</tr>
</tbody>
</table>

| CAPSTONE project | Recommended | Top 10% requirement to be complete by end of 5th six weeks |

| Texas Success Initiative (TSI) | Attempt all 3 sections, complete by December of Senior year | TSI complete or TSI exempt for top 10% by December of senior year |

<table>
<thead>
<tr>
<th>Community Service</th>
<th>Recommended</th>
<th><strong>Choose 2 of the 3 options</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Option 1</td>
<td>Complete community service project (20+ hours by December of Senior Year)</td>
<td></td>
</tr>
<tr>
<td>Option 2</td>
<td>Attend a college access program or tour by December of Senior Year</td>
<td></td>
</tr>
<tr>
<td>Option 3</td>
<td>Enroll in an internship related to the chosen degree plan and/or career by December of senior year</td>
<td></td>
</tr>
</tbody>
</table>

| Performance acknowledgments | One recommended | One required (AP Exam, College Board exams, 12 or more college hours, state/national business industry certificate) |
Endorsements

State Curriculum Requirements:
ENDORSEMENTS

STEM
Business and Industry
Arts and Humanities
Public Services

Multidisciplinary Studies
## Assessments

<table>
<thead>
<tr>
<th>College Preparatory &amp; State Exams</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9th</strong></td>
</tr>
<tr>
<td>---------</td>
</tr>
<tr>
<td>TSI</td>
</tr>
<tr>
<td>Algebra 1 EOC</td>
</tr>
<tr>
<td>Biology EOC</td>
</tr>
<tr>
<td>English 1 EOC</td>
</tr>
</tbody>
</table>
# Degree Plans

<table>
<thead>
<tr>
<th>STC – Associate Degrees</th>
<th>STC - Certificates</th>
<th>Business/Industry Certificate or License</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Biology</td>
<td>• Computer &amp; Internet Specialist</td>
<td>• Security Guard</td>
</tr>
<tr>
<td>• Criminal Justice</td>
<td>• Computer Maintenance Specialist</td>
<td>• Hunter Education Cert.</td>
</tr>
<tr>
<td>• Computer Science</td>
<td>• Computer Application Specialist</td>
<td>• Food Handler</td>
</tr>
<tr>
<td>• Interdisciplinary Studies</td>
<td>• Multimedia Specialist</td>
<td>• Substitute</td>
</tr>
<tr>
<td>• Mathematics</td>
<td>• Medical Office Specialist</td>
<td>• Pharmacy Tech</td>
</tr>
<tr>
<td>• Engineering</td>
<td>• Emergency Medical Technology (Basic)</td>
<td>• CPR/First Aid</td>
</tr>
<tr>
<td>• Education</td>
<td>• Precision Manufacturing Technology</td>
<td>• OSHA</td>
</tr>
<tr>
<td></td>
<td>• Automotive Technology</td>
<td>• MOS</td>
</tr>
<tr>
<td></td>
<td>• Fire Science</td>
<td>• Employability Skills</td>
</tr>
<tr>
<td></td>
<td>• Structural Welding</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• HVAC &amp; Refrigeration</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Electrician Technology: Electrician Assistant</td>
<td></td>
</tr>
</tbody>
</table>
Dual Language Enrichment Program Distinction

11th grade
- 4 Spanish credits
- 3 content credits
- 1 elective credit

9th/10th grade
- 6 Spanish credits
- 3 content credits
- 1 elective
What are the PSJA ISD Academies?

The PSJA ISD Academies offers students the opportunity to earn an Associate degree in their program of study from South Texas College. Students earn high school and college credit at the same time; with the opportunity to succeed and graduate from college before high school. Students will build positive relationships, rigorous instruction will be provided; as well as academic, emotional and social support. College tuition is provided at no cost to students and their families.
Academy Program Details

• Dual Credit Program
  • Students earn a Certificate, Associate of Science, Associate of Art, or Associate of Applied Science Degree before their high school diploma

• Student population recruited includes:
  • Current 10th graders
  • Good academic standing
  • Acceptable Attendance
  • Met TSI standards
Fields of Study Available

- **School of Science, Technology, Engineering & Mathematics (STEM)**
  - Biology Academy
  - Computer Science Academy
  - Mathematics Academy
- **School of Public & Health Services**
  - Criminal Justice Academy
  - Paralegal Academy
  - Education Academy
  - Emergency Medical Technology (EMT) Academy
  - Public Service Assistant Technology
- **School of Arts & Humanities**
  - Advertising/Public Relations Academy
  - Graphic Arts Academy
- **School of Business & Industry**
  - Business Administration Academy
  - Management Technology Academy
  - Advanced Manufacturing Technology Academy
  - Automotive Technology Academy
  - Electrician Assistant Technology Academy
  - Heating, Ventilation, Air Conditioning & Refrigeration (HVAC) Technology Academy
  - Welding Technology Academy
  - Pathways Toward Independence (PTI) Program
Advertising / Public Relations Academy

Associate of Arts

• Require TSI (Reading, Writing & Math)

• Provides a strong foundation in undergraduate interpersonal interaction, group communication, argument and debate, and public speaking.

• Prepares students for transfer to four-year institutions and entry into careers in such as public relations, mass communication, and advertising.

• Opportunity to work alongside the district Communications department, gaining real-world experience at the same time.
Biology Academy

Associate of Science

• Required TSI – Complete (Reading, Writing & Math)

• Core curriculum of general education courses with an emphasis in Biology.

• For students who are preparing to transfer to a four-year institution interested in:
  • Agriculture
  • Dentistry
  • Genetics
  • Physical therapy
  • Wildlife
  • Biotechnology
  • Forensics
  • Pharmacology
  • Veterinary sciences
  • Others founded in the biological sciences

• This Associate will introduce students to:
  • General Biology
  • General Chemistry
  • Anatomy and Physiology
  • Microbiology
  • Organic chemistry
Business Administration Academy

Associate of Arts (transfer plan)

- Required TSI Complete (Reading, Writing & Math)

- Combination of business classes in:
  - Management
  - Marketing
  - Economics
  - Human Resources

- For students interested in pursuing a Bachelors degree in the areas of Business Administration such as:
  - Accounting
  - Economics
  - Management
  - Finance
  - Marketing
  - Hospitality
  - Computer Information Systems
Computer Science Academy

Associate of Science

• Required TSI Complete (Reading, Writing & Math)

• Prepares students for the fields of computer science and computer information systems.

• Students will develop and implement algorithms to:
  • solve mathematical problems
  • scientific problems
  • develop object-oriented programming skills
  • adopt the latest technologies

• For students who plan to continue on to a four year institution to pursue:
  • programming
  • analytics
  • Software or hardware engineering
  • desktop publishing
  • information security
  • web administration
  • other computer based fields
Criminal Justice Academy

Associate of Arts

- Required TSI Complete (Reading, Writing & Math)

- The Criminal Justice Academy is college-level training for:
  - police officers
  - private detectives
  - youth care workers
  - security guards

- Gain basic knowledge to enter many public safety agencies in law enforcement.

- For transfer to a four year institution to pursue advanced coursework and further career opportunities at:
  - federal, state and local levels
  - adult and juvenile correctional facilities
  - community correctional programs
  - child advocacy
  - victim advocacy
  - protective services
  - other service agencies
Education Academy

Associate of Arts

Early Childhood – 6 grade

- Required TSI Complete (Reading, Writing & Math)
- Introduces student to the teaching profession and prepares them for transfer to a four year institution.
- Meets requirements for paraprofessionals and allows students to receive Continuing Education Certificates of Completion for Substitute Teaching.
- Opportunity to participate in the field observations of classrooms within the school district.
Graphic Arts Academy

**Associate of Arts**

- Required TSI – (Reading & Writing)
- Combines studio courses in art and design with a broad range of liberal arts courses.
- Prepares for transfer to a four year institution beyond the coursework, with training in both exhibit and portfolio preparation.
- Students in the Academy will also have the opportunity to work alongside the district Communications department, gaining real-world experience at the same time.
Mathematics Academy

Associate of Science

- Required TSI Complete (Reading, Writing & Math)
- Opportunity to take a core curriculum of general education with an emphasis in Mathematics.
- Emphasizes technical assistance in:
  - business
  - engineering science
  - medicine
  - Statistics
  - Consulting
  - Teaching
  - Operations Researcher
Paralegal Academy

Associate of Applied Science

- Required TSI Ready by end of semester 2.

- Prepares students for entry-level positions as a paralegal working under the supervision of a layer in a:
  - law office
  - government
  - corporate
  - other private sector legal setting

- Foundational legal knowledge, training in analytical thinking, and skills in legal research and writing.
Certificate

- TSI Exempt

- designed to prepare students for employment in the high technology automotive service industry.

- Students will gain knowledge in:
  - air conditioning
  - electrical systems
  - fuel injection
  - transmission & transaxles
  - automotive diagnostics
  - troubleshooting

- Classes specific to:
  - brake systems
  - steering & suspension
  - computerized controls systems
  - general repair procedures
• TSI Exempt

• Offers training on a variety of machine tools most commonly used in area shops.

• Emphasis on practical machining skills:
  • manual lathes
  • programmable lathes
  • manual mills, and other general industrial equipment

• Develop technical skills:
  • read blue prints
  • utilize computers to create industrial prints
  • increase capabilities as a machinist
Electrician Assistant Academy

Certificate

• TSI Exempt

• Prepares students to install, connect, test and maintain electrical systems for businesses, residential homes, and industrial machinery.

• Graduates may pursue careers as:
  • electricians
  • business owners
  • journeymen
  • inspectors
  • city and county employees
  • utility workers
  • construction
• TSI Exempt

• Prepares for general patient assessment in order to deliver out-of-hospital emergency care at the scene of an accident or a medical emergency.

• Students will learn and practice live saving procedure such as:
  • oxygen administration
  • spinal motion restriction
  • bandaging
  • splinting
  • administration of medications

• Teaches medical skills to:
  • relieve suffering
  • reduce injury severity
  • prevent death

• Courses taken for completion of the Emergency Medical Technology - Basic Certificate can be applied toward completion of the EMT Intermediate Certificate, EMT Paramedic Certificate, and The Associate of Applied Science in Emergency Medical Technology.
• TSI Exempt

• Concentrates on:
  • service and installation
  • maintenance and repair
  • domestic equipment
  • commercial and industrial systems

• Career preparation includes:
  • Pneumatics
  • duct design
  • Fabrication
  • electrical/electronic controls
  • cooling and heating systems
  • gained and loss calculations
Management Technology

Certificate

• TSI Exempt

• For students seeking entry level position in areas of local management.

• Whether private or public sectors, students will develop:
  • business skills
  • organizational knowledge
  • general managerial duties

• Coursework includes:
  • general accounting
  • payroll
  • taxes
  • Human Resources
  • Supervision
  • communications
  • Entrepreneurship
Certificate

- TSI Exempt
- Knowledge and skills for employment in public sector and not-for-profits.
- Political, legal, ethical and social context of public administration with respect to pertinent processes and theories.
- Gain proficiency in:
  - positive organizational behavior
  - public sector management
  - budgeting
  - supervision
  - appropriate methodologies
- Practicum course for real-world experiences
Welding Technology Academy

Certificate

- TSI Exempt
- Prepares students for entry level positions in the areas of:
  - Shielded Metal Arc
  - Gas Metal Arc
  - Gas Tungsten Arc
  - Flux Cores Arc Welding
- Student will develop skills in:
  - fillet and V-groove welds
  - Lay-out and Fabrication
  - blueprint reading
  - Safety
  - Metallurgy
- Opportunity to earn two Certificates:
  - Structural Welding
  - Combination Welding
UTRGV at PSJA

- For high school upperclassmen with a proven record of academic achievement
- Taught by our own PSJA ISD teachers who also serve as UTRGV adjunct faculty
- Held at the PSJA ISD College and University Center
- Class Available:
  - **BIOL 1406 & 1407**: General Biology I and II
  - **SPAN 2313**: Spanish for Native/Heritage Speakers
  - **MATH 1314**: College Algebra
• Admission Criteria for UTRGV Dual Enrollment eligibility
  • High School student classified as a Junior or Senior
  • Graduating under the Foundation w/Endorsement plan or Distinguished Plan
  • Meet ONE of the following requirements:
    • Ranked top 10% OR
    • Have a 90 GPA or higher OR
    • Composite score of ACT-22 or SAT-1030 (CR&M)

**course offerings also contingent on enrollment counts**
2019 PSJA Academies Interest Form

- [www.psjaisd.us/academies](http://www.psjaisd.us/academies)
- Select: 2019 PSJA Academies Interest Form Link
PSJA Academies Interest Form
For 2019–2020 School Year

About the PSJA Academies:

PSJA ISD students from any district high school are eligible to apply to be part of the PSJA Academies.

The PSJA Academies, provide additional hands-on learning in various specific fields of study supporting students as they work to obtain a Certificate or Associate Degree from South Texas College. Through a cohort approach, students build positive relationships, receive rigorous instruction; as well as receive academic, emotional and social support to successfully complete the coursework.
Students enrolled in the PSJA Academies continue to attend their home high school. They travel to the Academies' site only for designated hours for academy coursework.

Who can participate?
Students from all PSJA ISD High Schools in grades 11th & 12th. Interested students must apply their 10th grade year.

If you have any questions, please call 354–2044.

---

Student Name  *

First Name  

Last Name

Student ID  *

12345

5 Digit Student ID

Date of Birth  *

(MM/DD/YY)
Name of Current School *

Current Grade *

Student E-mail * ex: myname@example.com

Please select up to TWO Academies of interest. *

- Biology Academy
- Computer Science Academy
- Mathematics Academy
- Business Administration Academy
- Management Tech Academy*
- Advanced Manufacturing Tech Academy*
- Automotive Technology Academy*
- Electrician Assistant Tech Academy*
- HVAC Technology Academy*
- Welding Technology Academy*
- Criminal Justice Academy
- Paralegal Academy●
- Education Academy
- Emergency Medical Tech (EMT) Academy*
- Public Service Assistance Technology*
- Advertising/Public Relations Academy
- Graphic Arts Academy
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