

STEM ENDORSEMENT PATHWAYS

Science – Technology – Engineering – Math

COMPUTER TECHNOLOGY

- 9 – Business Info Management
- 10 – BIM 2 or Digital Media*
- 11 – Web Tech, Comp Prog*
- 12 – Computer Maintenance

* These can be taken in any order

FUTURE JOB OPPORTUNITIES

Web Developer, Programmer,
Computer Operations, Network
Administrator, Systems Analyst,
Computer Forensics Investigator

PROFESSIONAL PROGRAMS

- 9 – Advanced Core classes
- 10 – Advanced Core classes
- 11 – Advanced Core classes
- 12 – Advanced Core classes

FUTURE JOB OPPORTUNITIES

Physician, Dentist, Lawyer, PhD
programs, Psychiatrist, Psychologist,
Pharmacist, Engineering, Optometrist,
Chiropractor

PUBLIC SERVICE PATHWAYS

HEALTH SCIENCE

- 9 – Principles of Health Science
- 10 – Health Science 1
- 11 – Nutrition & Wellness (½ credit)
Child Development (½ credit)

OR

Anatomy & Physiology

12 – Practicum in Health Science

FUTURE JOB OPPORTUNITIES

Nurse, Nurse's Aide, Lab Assistant,
Physical Therapy, Physical Therapy
Assistant, Child Care worker, Day Care
Operator, Medical Assistant, Nanny

HUMAN SERVICES

- 9 – Principles of Human Services
- 10 – Nutrition & Wellness ½ credit
Child Development ½ credit
- 11 – Dollar & Sense
- 12 – Interior Design or Psychology

FUTURE JOB OPPORTUNITIES

Social work, Child Advocate, Mental
Health Aide, Day Care Worker, Probation
Officer, Human Services Specialist, Drug
Abuse Counselor

LAW ENFORCEMENT

- 9 – Business Info Management
- 10 – Principles of Law
- 11 – Forensic Science
- 12 – Dual Credit at Brazosport College
Or Psychology

FUTURE JOB OPPORTUNITIES

Police Officer, Investigator, Texas Ranger,
Crime Scene Investigator, Sheriff's Deputy,
Mall Security, Highway Patrolman, Plant
Security, Private Investigator, Prison
Security, Lawyer

ARTS & HUMANITIES PATHWAYS

THEATRE ARTS

9 - Theatre Arts 1
10 - Theatre Arts 2
11 – Technical Theatre or Debate
12 – Theatre Arts 3

FUTURE JOB OPPORTUNITIES

Performer, Director, Light Technician,
Makeup Artist, Play Writer, Editor,
Sound Engineer, Set Designer, Drama
Therapy

HISTORY

9 – World Geography
10 – U.S. History
11 – World History or Psychology/
Sociology Or Special Topics in
Social Studies
12 – Government (1/2 yr)
Economics (1/2 yr)

FUTURE JOB OPPORTUNITIES

Museum Curator, Politics, Lawyer,
History Teacher, Librarian, Broadcast
Journalist, Policy Analyst

ART

9 – Art 1
10 – Art 2
11 – Art 3
12 – Art 4

FUTURE JOB OPPORUTNITIES

Artist, Painter, Special Effects,
Illustration, Web Design, Museum
Director, Graphic Designer,
Architecture, Fashion Designer

CHOIR

9 – Choir
10 – Choir or chorale
11 – Choir or Chorale
12 – Choir or chorale

FUTURE JOB OPPORTUNITIES

Music director, Composer, singer,
Musician, Performer, Choir Teacher,
Church Music Director

BAND

9 – Band 1
10 – Band 2 or Jazz Band
11 – Band 3 or Jazz Band
12 – Band 4 or Jazz Band

FUTURE JOB OPPORTUNITIES

Band Director, Composer, Singer,
Musician, Performer, Church Music
Director, Song writer

Foreign Language

9 – Spanish 1 or 2
10 – Spanish 2 or 3
11 – Spanish 3 or 4
12 – Spanish 4 or 5

FUTURE JOB OPPORTUNITIES

Teacher, News Translator,
Interpreter, Linguist, Tour
Organizer, Travel Agent,
Immigration Inspector, Curator

BUSINESS & INDUSTRY PATHWAY

WELDING

9 – Principles of Ag
 10 – Ag Mech or Ag Fabrication
 11 – Dual Credit w/BPort Coll
 12 – Dual Credit w/BPort Coll

FUTURE JOB OPPORTUNITIES

Metal work with vehicles, ships, aircraft, rockets, bridges, pipelines, offshore oil platforms, and commercial property. Artists, Project manager, Robotics, Education

HEATING/AIR CONDITIONING

9 – Principles of Ag
 10 – Ag Mech or Ag Fabrication
 11 – Dual Credit w/BPort College
 12 – Dual Credit w/BPort College

FUTURE JOB OPPORTUNITIES

Technician, Installer, Sales, Service Manager, Human Resources, Inspectors, Control Technicians

PROCESS TECHNOLOGY

9 – Principles of Ag
 10 – Ag Mech or Ag Fabrication
 11 – Dual Credit w/ BPort College
 12 – Dual Credit w/ BPort College

FUTURE JOB OPPORTUNITIES

Refinery worker, DOW, BASF, Chevron, Phillips – allows students to be hired at any of the petrochemical complexes in the state as a plant operator, the entry level position

INSTRUMENTATION

9 – Principles of Ag
 10 – Ag Mech or Ag Fabrication
 11 – Dual Credit w/BPort College
 12 – Dual Credit w/BPort College

FUTURE JOB OPPORTUNITIES

Refinery worker, DOW, Phillips, BASF, Chevron, STPEGS (Nuclear Plant) – calibrating gauges, pumps and other measuring components in the industrial setting

BUSINESS/FINANCE

9 – Business Info Management
 10 - Principles of Business ½
 10 – Business Law ½
 11 – Bank & Finance ½
 11 – Money Matters ½
 12 – Accounting

FUTURE JOB OPPORTUNITIES

Office Manager, Receptionist, Paralegal, Executive Assistant, Financial Manager, Accountant, Bookkeeping Clerk, Loan Officer, Tax Clerk, Sales Agent, Auditor, Small Business Owner, Account

ANIMAL SCIENCE

9 - Principles of Ag
 10 – Wildlife/Range
 11 – Equine Science/Livestock
 12 – Advanced Animal Science

FUTURE JOB OPPORTUNITIES

Livestock Production, Quality Control, Farm and Ranch Operations, Meat and Dairy Processing, Extension Service, Government agencies such as US Dept of Agriculture or Food and Drug Administration

VETERINARY APPLICATION

9 - Principals of Ag
 10 - Equine/Livestock
 OR
 10 - Wildlife Mgt/Range Ecology
 11 –Vet Medical Applications
 12- Advanced Animal Science

FUTURE JOB OPPORTUNITIES

Vet, Vet Assistant, Rancher, Assistant Feedlot Manager, Livestock Sales, Animal Facility Manager, Farm/Ranch Manager

AUTOMOTIVE TECHNOLOGY

9 - Principles of Ag
 10 - Ag Mechanics
 11 – Dual Credit w/ BPort Coll
 12 – Dual Credit w/ BPort Coll

FUTURE JOB OPPORTUNITIES

Shop Manager or Owner, Parts Manager, Parts Research & Development, Emissions Analyst, Repair Technician, Race Team Technician

BUSINESS & INDUSTRY PATHWAY (cont)

COMMUNICATIONS/JOURNALISM

9 – Journalism 1
10 – Journalism 2 OR Journ. Yearbook 1 OR
Journ. Newspaper 1
11 – Journalism 3 OR Journ. Yearbook 2 OR
Journ. Newspaper 2
12 – Journalism Yearbook 3 OR Journ News 3

FUTURE JOB OPPORTUNITIES

Broadcast Journalism, Sports Journalism,
Photojournalism, Investigative Journalist,
Freelance Writer, Editor, Script Writer,
Newscaster

COMMUNICATIONS/DEBATE

9 – Journalism 1
10 – Debate 1
11 – Debate 2
12 – Debate 3

FUTURE JOB OPPORTUNITIES

Public Relations, Social Media
Management, Event Planner, Advertising
Manager, Public Information Officer,
Education, Community Affairs, Lobbyist,
Corporate Trainer, Pharmaceutical Sales,
Political Campaign Manger

MULTIDISCIPLINARY PATHWAY

Students earn a multidisciplinary endorsement by completing the Foundation Program, an additional Math and Science credit from an endorsement area and additional elective credits from a variety of courses in multiple content areas.