

BISD Course Sequences

Programs of Study	9 th Year	10 th Year	11 th Year	12 th Year	Campus
Accounting & Financial Services	Principles of Business	Business Information Management I	Accounting I or Financial Math	Practicum in Business or Career Prep	BW, BP
Advanced Manufacturing & Machinery Mechanics (Robotics)	Principles of Manufacturing or Introduction to Engineering Design	Robotics I	Robotics II	Robotics III or Career Prep	BW, BP
Animal Science (Vet Tech)	Principles of Agriculture	Wildlife, Fisheries, & Ecology	Livestock Production or Vet Med	Practicum in Agriculture & Advanced Animal Science	BW, BP
Applied Agricultural Engineering (Ag Mech)	Principles of Agriculture	Agricultural Mechanics & Metal Technologies	Agricultural Structures Design & Fabrications	Practicum in Agriculture	BW, BP
Architectural Design		Architectural Design I	Architectural Design II	Practicum in Architectural Design or Career Prep	BC
Automotive	Principles of Manufacturing	Automotive Technology I	Automotive Technology II	Practicum in Transportation Systems or Career Prep	BC
Business Management	Principles of Business	Business Information Management I	Business Information Management II	Practicum in Business or Career Prep	BW, BP
Carpentry (Construction)	Principles of Construction	Construction Technology I	Construction Technology II	Practicum in Construction or Career Prep	BW, BP
Culinary Arts	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts &/or Food Science	Practicum in Culinary Arts or Career Prep	BW, BP
Cybersecurity	Fundamentals of Computer Science (PLTW)	AP Computer Science Principles (PLTW)	AP Computer Science A-Math (PLTW) AP Computer Science B-LOTE Discrete Mathematics for Computer Science	Cybersecurity Capstone (PLTW)	BW, BP
Design & Multimedia Arts (Graphic Design & Photography)	Principles of Arts, A/V, Technology, & Communication	Graphic Design & Illustration I or Commercial Photography I	Graphic Design & Illustration II or Commercial Photography II	Practicum in Graphic Design & Illustration or Practicum in Commercial Photography	BW, BP

or Career Prep I					
Digital Communications (Audio/Video)	Principles of Arts, A/V Technology, & Communications or Professional Communications	Audio/Video Production I	Audio/Video Production II	Practicum in Audio/Video Production	BW, BP
Electrical	Principles of Construction	Electrical Technology I	Electrical Technology II	Practicum in Construction Technology or Career Prep	BC
Engineering (Rockets & PLTW)	Introduction to Engineering Design (PLTW)	Engineering Science and Rockets I	Digital Electronics or Rockets II	Engineering Design & Development (PLTW) or Practicum in STEM (Rockets III)	BW
Entrepreneurship	Principles of Business, Marketing, & Finance	Business Information Management I	Entrepreneurship	Practicum in Business or Career Prep	BW, BP
Environmental & Natural Resources (Wildlife)	Principles of Agriculture, Food, & Natural Resources	Wildlife, Fisheries, & Ecology	Livestock Production	Practicum in Agriculture, Food, & Natural Resources	BW, BP
Family & Community Services (PALS)	Principles of Human Services Professional Communications	Lifetime Nutrition & Wellness	Human Growth & Development	Practicum in Human Services or Career Prep	BW, BP
Health & Wellness	Principles of Human Services	Lifetime Nutrition & Wellness	Human Growth & Development	Practicum in Human Services or Career Prep	BW, BP
Healthcare Diagnostics (Clinicals)	Medical Terminology	Principles of Health Science	Health Science Theory &/or Medical Microbiology	Anatomy & Physiology &/or Pathophysiology &/or Practicum in Health Science	BW, BP
Networking	Principles of Information Technology	Computer Maintenance	Networking	Practicum in Information Technology	BW
Nursing Science (PCT)	Medical Terminology	Principles of Health Science	Medical Microbiology and/or Anatomy & Physiology	Pathophysiology	BW, BP
Plant Science (Floral)	Principles of Agriculture, Food, & Natural Resources	Floral Design	Advanced Floral Design	Practicum in Agriculture, Food, & Natural Resources	BW, BP

Printing & Imaging (Yearbook)	Principles of Arts, A/V Technology, & Communications	Printing & Imaging Technology I/Lab	Printing & Imaging Technology II/Lab	Practicum in Printing & Imaging Technology	BW, BP
Teaching & Training	Principles of Education & Training or Principles of Human Services	Human Growth & Development	Instructional Practices	Practicum in Education & Training or Career Prep	BW, BP
Welding	Principles of Manufacturing	Introduction to Welding	Welding I	Welding II or Practicum in Manufacturing or Career Prep	BW, BP

Campus

- BW-Brazoswood High School
- BP- Brazosport High School
- BC- Brazosport College