

# BISD Course Sequences

Programs of Study	9 <sup>th</sup> Year	10 <sup>th</sup> Year	11 <sup>th</sup> Year	12 <sup>th</sup> Year	Campus
<b>Accounting &amp; Financial Services</b>	Principles of Business	Business Information Management I	Accounting I or Financial Math	Practicum in Business or Career Prep	BW, BP
<b>Advanced Manufacturing &amp; Machinery Mechanics (Robotics)</b>	Principles of Manufacturing or Introduction to Engineering Design	Robotics I	Robotics II	Robotics III or Career Prep	BW, BP
<b>Animal Science (Vet Tech)</b>	Principles of Agriculture	Wildlife, Fisheries, & Ecology	Livestock Production or Vet Med	Practicum in Agriculture & Advanced Animal Science	BW, BP
<b>Applied Agricultural Engineering (Ag Mech)</b>	Principles of Agriculture	Agricultural Mechanics & Metal Technologies	Agricultural Structures Design & Fabrications	Practicum in Agriculture	BW, BP
<b>Architectural Design</b>		Architectural Design I	Architectural Design II	Practicum in Architectural Design or Career Prep	BC
<b>Automotive</b>	Principles of Manufacturing	Automotive Technology I	Automotive Technology II	Practicum in Transportation Systems or Career Prep	BC
<b>Business Management</b>	Principles of Business	Business Information Management I	Business Information Management II	Practicum in Business or Career Prep	BW, BP
<b>Carpentry (Construction)</b>	Principles of Construction	Construction Technology I	Construction Technology II	Practicum in Construction or Career Prep	BW, BP
<b>Culinary Arts</b>	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts &/or Food Science	Practicum in Culinary Arts or Career Prep	BW, BP
<b>Cybersecurity</b>	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
<b>Design &amp; Multimedia Arts (Graphic Design &amp; Photography)</b>	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
<b>Digital Communications (Audio/Video)</b>	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
<b>Electrical</b>	Principles of Construction	Electrical Technology I	Electrical Technology II	Practicum in Construction Technology or Career Prep	BC
<b>Engineering (Rockets &amp; PLTW)</b>	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
<b>Entrepreneurship</b>	Principles of Business, Marketing, & Finance	Business Information Management I	Entrepreneurship	Practicum in Business or Career Prep	BW, BP
<b>Environmental &amp; Natural Resources (Wildlife)</b>	Principles of Agriculture, Food, & Natural Resources	Wildlife, Fisheries, & Ecology	Livestock Production	Practicum in Agriculture, Food, & Natural Resources	BW, BP
<b>Family &amp; Community Services (PALS)</b>	Principles of Human Services Professional Communications	Lifetime Nutrition & Wellness	Human Growth & Development	Practicum in Human Services or Career Prep	BW, BP
<b>Health &amp; Wellness</b>	Principles of Human Services	Lifetime Nutrition & Wellness	Human Growth & Development	Practicum in Human Services or Career Prep	BW, BP
<b>Healthcare Diagnostics (Clinicals)</b>	Medical Terminology	Principles of Health Science	Health Science Theory &/or Medical Microbiology	Anatomy & Physiology &/or Pathophysiology &/or Practicum in Health Science	BW, BP
<b>Healthcare Therapeutic (Clinicals)</b>	Medical Terminology	Principles of Health Science	Anatomy & Physiology &/or Health Science Theory &/or Medical Microbiology	Pathophysiology &/or Practicum in Health Science	BW, BP
<b>Nursing Science (PCT)</b>	Medical Terminology	Principles of Health Science	Microbiology and/or Anatomy & Physiology	Pathophysiology	BW, BP
<b>Plant Science (Floral)</b>	Principles of Agriculture, Food, & Natural Resources	Floral Design	Advanced Floral Design	Practicum in Agriculture, Food, & Natural Resources	BW, BP

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