

#### **BUSINESS MANAGEMENT PATHWAY: Technical Course Opportunities**

Grades 9, 10, 11, or 12

- •Business in the 406 (Semester 1 or 2, Skyview & Senior only)
- •Computer Applications (Semester 1 or 2, HH)
- Personal Finance (Semester 1 or 2, HH) \*Pre-requisite of Computer Applications is recommended, but not required
- •Advanced Computer Applications (Semester 1 or 2, Senior & Skyview only) \*Pre-requisite is Computer Applications

Grades 10, 11, or 12

- Accounting 1 (Semester 1 or 2, HH)
- •Accounting 2 \*Pre-requisite is Accounting 1 (Semester 1 or 2, HH)

Grades 11 or

- Managerial Science \*No pre-requisite; Teacher approval required (HH)
- •Business Law (Semester 1 or 2, West only) or College Introduction to Business (Semester 1 or 2, West only)

Grade 12

•Consider additional business electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialty areas and more!

Accountant Purchasing Manager Corporate Trainer

Executive Secretary Sales Representative Business Operations Analyst

Office Manager Entrepreneur Small Business Owner

HH=Home High School
CC=Career Center

01/2021

Course offering may change, so work with your counselor closely.



## **CONSTRUCTION PATHWAY: Technical Course Opportunities**

- •Building Tech 1 (Semester 1, HH)
- •Building Tech 2 (Semester 2, HH) \*Pre-requisite is Building Tech 1
- •Technical Geometry/ Geometry in Construction (Semesters 1 & 2, CC, 2 Hour Block) \*Pre-requisite is Algebra I

Grades 9, 10, 11, or 12

Grades 9 or 10

• Construction/Trades 1 & 2 (Semesters 1 & 2, HH) \*Pre-requisite is Building Tech 1; Freshmen may take Construction Trades 2 second semester if they take Building Tech 1 first semester.

Grades 11 or 12

- •Construction Fundamentals 1 & 2 (Semesters 1 & 2, CC)
- •Carpentry 1 & 2 (Semesters 1 & 2, CC)
- •Construction Techniques 1 &2 (Semesters 1 & 2, CC)

THREE HOUR BLOCK ONLY

Grades 11 or 12

- •Building Trades 1 & 2 (Semesters 1 & 2, CC)
- House Building 1 & 2 (Semesters 1 & 2, CC)
- •Construction Techniques 3 (Semesters 1 & 2, CC)

THREE HOUR BLOCK ONLY

\*Pre-requisite is successful completion of one semester of First Year Career Center House courses

Grade 12

• Consider additional electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialties:

Construction **HVAC** 

Electrical Concrete/Masonry

Design & Drafting Plumbing

HH=Home High School



## **FINANCE PATHWAY: Technical Course Opportunities**

Grades 9, 10,

11, or 12

- •Business in the 406 (Semester 1 or 2, Skyview & Senior only)
- •Computer Applications (Semester 1 or 2, HH)
- Personal Finance (Semester 1 or 2, HH) \*Pre-requisite of Computer Applications is reocmmended, but not required
- College Advanced Computer Applications (Semester 1 or 2, Senior & Skyview only) \*Pre-requisite is Computer Applications

Grades 10, 11, or 12

- •Accounting 1 (Semester 1 or 2, HH)
- •Accounting 2 (Semester 1 or 2, HH)\*Pre-requisite is Accounting 1

Grades 11 or

- •Accounting 3 (Semester 1 or 2, Senior & Skyview only) \*Pre-requisite is Accounting 2 OR College Accounting (Full Year Course at West only)\*Pre-requisite is successful completion of Accounting 1 & 2
- •Accounting 4 (Semester 1 or 2, Senior & Skyview only) \*Pre-requisite is Accounting 3 OR College Intro to Business (Semester 1 or 2 at West only)

Grade 12

•Consider additional business electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialty areas and more!

Loan Clerk Accountant Financial Manager

Payroll Clerk Financial Advisor Chief Financial Officer

Financial Analyst Credit Analyst Actuary

HH=Home High School

CC=Career Center

01/01/2021 Course offering may change, so work with your counselor closely.



# **HEALTH SCIENCES PATHWAY: Technical Course Opportunities**

Grades 9, 10 11, or 12 Principles of Biomedical Sciences (Year long class, may enroll in fall only, CC)



• Human Body Systems (Year long class, may enroll in fall only, CC) \*Pre-requisites are: "C" or better in Principles of Biomedical Systems, concurrently enrolled in biology or successful completion of biology with a "C" or better, successful completion of grade-level appropriate math class with "C" or better, and successful completion of previous years of English with a "C" or better.



- Medical Interventions (Year long class, may enroll in fall only, CC) \*\*Pre-requisites are: Grade of "C" or better in Principles of Biomedical Systems and Human Body Systems, or instructor/administrator approval, and successful completion of biology
- •Intro to Operating Room (Year long class, may enroll in fall only, CC)\*\*Pre-requisites are: Successful completion of prior science classes with a "C" or better
- •College Medical Terminology (Semester 1 or 2, CC) \*\*"C" or better in all science and language classes is recommended.

  Certified Nurse Assistant (Semester 1 or 2, CC) \*Pre-requisite is successful completion of Biology; must have your own transportation \*\*These courses also require successful completion of previous years of English and appropriate grade level math.



- Anatomy & Physiology Applied Medicine-Med. Careers (Semester 1 or 2, CC) \*Pre-requisite is completion of 3 science credits; Chemistry is recommended. Must have your own transportation.
- •Consider additional electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialty areas and more!

Medical Assistant Medical Technologist Pharmacist

Dental Hygienist Radiologic Technologist Physician Assistant

Registered Nurse Physical Therapist Hospital CEO

HH=Home High School



#### **HOSPITALITY & TOURISM PATHWAY: Technical Course Opportunities**

Grades 9, 10, 11, or 12

- •Culinary Arts 1 (Semester 1 or 2, HH)
- Food and Nutrition (Semester 1 or , HH)
- •Computer Applications (Semester 1 or 2, HH)
- •Personal Finance (Semester 1 or 2, HH) \*Pre-requisite of Computer Applications is recommended, but not required
- •College Advanced Computer Applications (Semester 1 or 2, Senior & Skyview only) \*Pre-requisite is Computer Applications

Grades 10, 11, or 12

- •Culinary Arts 2 (Full Year course, HH)\*Pre-requisite of Food and Nutrition and Culinary Arts 1
- Marketing (Semester 1 or 2, HH) \*Pre-requisite of Advanced Computer Application, Desktop Publishing, or Accounting 1 is strongly recommended

Grades 11 or 12

- Cafe Protege (Full year course, TWO HOUR BLOCK, CC) \*Priority is given to students with prior culinary coursework
- •College Intro to Business (Semester 1 or 2 at West or Senior only)
- •Managerial Science (Semster 1 or 2, HH) \*Teacher approval required

Grade 12

• Consider additional electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialty areas and more!

Food Preparation Chef/Head Cook Pastry Chef

Server Meeting/Convention Manger Entrepreneur

Restaurant Manager Lodging Manager Caterer

HH=Home High School
CC=Career Center



## **HUMAN SERVICES PATHWAY: Technical Course Opportunities**

Grades 9, 10, 11, or 12

- •Culinary Arts 1 (Semester 1 or 2, HH)
- •Food & Nutrition (Semester 1 or , HH)
- •Computer Applications (Semester 1 or 2, HH)
- Personal Finance (Semester 1 or 2, HH) \*Pre-requisite of Computer Applications is reocmmended, but not required

Grades 10, 11, or 12

- •Individual & Family Wellness (Semester 1 or 2, HH)
- •Child Development (Semester 1 or 2, HH)

Grades 11 or 12

- •Fundamentals, Physical Development, Intellectual Development (Semester 1, CC, TWO HOUR BLOCK)
- Children & Careers, Social Development, Emotional Development (Semester 2, CC, THREE HOUR BLOCK)

Grade 12

- •Sociology (Semester 1 or 2, HH) or College Sociology (Semester 1 or 2, Skyview only)
- •Consider additional electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialty areas and more!

Childcare Worker Mental Health Counselor

Social Services Assistant Substance Abuse Counselor

Social Worker Social Service Manager

HH=Home High School



#### **INFORMATION TECHNOLOGY PATHWAY: Technical Course Opportunities**

Grades 9, 10, 11, or 12

- •Computer Programming 1 (Semester 1 or 2, HH)
- •Computer Programming 2 (Semester 1 or 2, HH) \*Pre-requiste is successful completion of Computer Programming 1

Grades 10, 11, or 12

- Exploring Visual Media (Semester 1 or 2, CC)
- •Computer Programming 3 (Semester 2, HH) \*Pre-requisite is successful completion of Computer Programming 2
- •Computer Programming 4 (Semester 2, HH) \*Pre-requisite is successful completion of Computer Programming 3

- •Web Page 1 (Semester 1 or 2, CC)
- •Web Page 2 (Semester 1 or 2, CC) \*Pre-requisite of C or better in Web Page 1 or Administrative Approval
- •Animation Lab 1 (Semester 1 or 2, CC) \*Pre-requisite: Art 1 and basic drawing skills recommended
- •Animation Lab 2 (Semester 1 or 2, CC) \*Pre-requisite of "C" or better in Animation Lab 2
- •College Introduction to Web Design and Programming (Semester 1 or 2, CC)

Grade 12

Grades 11 or 12

•Consider additional electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialty areas and more!

Helpdesk Technician Machinist Computer Systems Analyst

Network Technician Web Designer Graphic Designer

Software Designer Game Designer Chief Information Officer

HH=Home High School



## **MARKETING PATHWAY: Technical Course Opportunities**

Grades 9, 10, 11. or 12

- Business in the 406 (Semester 1 or 2, Skvyiew & Senior only)
- •Computer Applications (Semester 1 or 2, HH)
- Personal Finance (Semester 1 or 2, HH) \*Pre-requisite of Computer Applications is recommended, but not required
- •Advanced Computer Applications (Semester 1 or 2, Senior & Skyview only) \*Pre-requisite of Computer Applications

Grades 10, 11, or 12

- Accounting 1 (Semester 1 or 2, HH)
- •Marketing (Semester 1 or 2, HH) \*Pre-requisite of Computer Applications; Advanced Computer Applications, Desktop Publishing, or Accounting 1 is strongly recommended.
- Exploring Visual Media (Semester 1 or 2, CC)

Grades 11 or

- Web Page 1 (Semester 1 or 2, CC)
- •Web Page 2 (Semester 1 or 2, CC) \*Pre-requisite of C or better in Web Page 1 or Administrative Approval
- Design Advertising, Design Layout (Semester 1 or 2, TWO HOUR BLOCK, CC) \*Pre-requisite of 2 art classes preferred
- •College Introduction to Web Design and Programming (Semester 1 or 2, CC)

Grade 12

•Consider additional electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialty areas and more!

Advertising Sales Web Designer Marketing Manager

Property Manager Social Media Coordinator Director of Public Relations

Graphic Designer Entrepreneur 3D Illustrator

HH=Home High School



#### STEM ENGINEERING FOUR YEAR CAREER CENTER: Technical Course Opportunities

Grades 9, 10, 11, or 12 •PLTW Introduction to Engineering Design (Full year course, CC) \*Pre-requisite is Enrolled in Geometry or Honors Geometry or have completed Geometry with a "C" or better. Must be on a four year math track.

Grades 10, 11, or 12

- •PLTW Principles of Engineering (Full year course, CC)
- •PLTW Aerospace Engineering (Full year course, CC)
- •PLTW Digital Electronics (Full year course, CC)
- •PLTW Civil Engineering & Architecture (Full year course, CC)
- \*Pre-requisite for all of these courses is "C" or better in Intro to Design and a plan of study with four years of math.

Grade 12

•Consider additional electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialty areas and more!

Engineering Tech Line Worker Environmental Engineer

Electrician Civil Engineer Mechanical Engineer

Environmental Tech Petroleum Engineer Computer Engineer

HH=Home High School
CC=Career Center



#### STEM ENGINEERING STEP UP TO CAREER CENTER: Technical Course Opportunities

Grades 9, 10, 11. or 12

- •Building Tech 1 (Semester 1, HH)
- •Building Tech 2 (Semester 2, HH)
- •Technology Lab (Semester 1 or 2, HH)\*Recommended pre-requisite is Algebra I.
- Drafting 1 (Semester 1 or 2, HH)
- Drafting 2 (Semester 1 or 2, HH) \*Pre-requisite is successful completion of Drafting 1.
- •PLTW Introduction to Engineering Design (Full year course, CC) \*Pre-requisite is to be enrolled in Geometry or Honors Geometry or have completed Geometry with a "C" or better. Must be on a four year math track.

Grades 10, 11, or 12

- Engineering Drafting Pre-requisite is successful completion of Drafting 1.
- •PLTW Principles of Engineering (Full year course, CC)
- •PLTW Aerospace Engineering (Full year course, CC)
- •PLTW Digital Electronics (Full year course, CC)
- •PLTW Civil Engineering & Architecture (Full year course, CC)
- \*Pre-requisite for all PLTW courses is "C" or better in Intro to Design and a plan of study with four years of math.

Grade 12

• Consider additional busines electives or a work based learning credit opportunity. Limited spots available. Approval process required. See your school counselor or career coach for details.



Follow this pathway for careers in these specialty areas and more!

Engineering Tech Line Worker Environmental Engineer

Electrician Civil Engineer Mechanical Engineer

Environmental Tech Petroleum Engineer Computer Engineer

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CC=Career Center