BUSINESS & TECHNOLOGY

Course Number	Course Name	Possible Grade Level 9	10	11	12	Credit	Dual-Enrollment	Weighted Grade
002050	Excel for Business		■	■	■	0.5		
002051	Introduction to Business Analytics			■	■	0.5		
002321	Accounting 1			■	■	0.5		
002405	Business Communications			■	■	0.5		
002415	Marketing			■	■	0.5		
002310	Personal Finance			■	■	0.5		
070751	AP Macroeconomics			■	■	0.5		■
002220	Digital Creative Applications	■				0.5		
002800	AP Computer Science Principles	■	■	■	■	0.5		■
002295	Video Creation		■	■	■	0.5		
030271	Yearbook		■	■	■	1.0		
002298	Broadcast Video Production (HALO)	■	■	■	■	0.5		
001335	Graphic Design		■	■	■	0.5		

BUSINESS

EXCEL FOR BUSINESS

Credit: ½ Grades 10-12
Course #: 002050
Prerequisite: Digital Creative Applications

This course covers Excel basics, data entry, advanced formula usage, data analysis, chart creation, and data protection. Students will apply their newfound knowledge to real-world business scenarios, enhancing their problem-solving and critical thinking abilities. By the end of the course, the students should be prepared to take the Microsoft Certification exam for Excel.

INTRODUCTION TO BUSINESS ANALYTICS

Credit: ½ Grades 11-12
Course #: 002051
Prerequisite: None

This introductory business analytics class provides high school students with a foundational understanding of using data to make informed business decisions. Students will learn essential concepts such as data collection, analysis, and visualization techniques. The course introduces popular tools and software used in the industry to analyze business data effectively.

ACCOUNTING 1

Credit ½ Grades 11-12
Course #: 002321
Prerequisite: None

This course is designed to introduce students to the accounting cycle and principles for a sole proprietorship and a merchandising business organized as a corporation. Students prepare and analyze financial transactions and statements according to accounting principles. Automated accounting systems are also introduced. A study of possible careers in the field of accounting supplements the study of these basic fundamentals and skills. This course prepares students for further study of accounting in high school, college, or entry into the business community as accounting clerks or bookkeepers.

BUSINESS AND TECHNOLOGY

BUSINESS COMMUNICATION

Credit: ½ Grades 11-12
Course #: 002405
Prerequisite: None

This course is designed to introduce students to the best practices of communication in a professional setting as well as acquiring tools to communicate messages to peers, clients or business partners. Building a foundation for communicating in business, journalism, healthcare, or any profession is key to leadership roles today and in the future. This foundations class will prepare students for jobs and job interviews, resume building, email etiquette, social media awareness, and many other events that will take place over the course of their education and early career.

MARKETING

Credit ½ Grades 11-12
Course #002415
Prerequisite: None

This course introduces the student to marketing from the perspective of an entrepreneur creating a new business firm. Topics included are the marketing system, consumer and industrial behavior, market segmentation and positioning, product development, channels of distribution, pricing strategy, sales management, and marketing promotion. Other areas discussed are business risk, profit factors, communication and interpersonal skills for success in business, financing and ethical business practice.

PERSONAL FINANCE

Credit: ½ Grades 11-12
Course #: 002310
Prerequisite: None

This course covers the necessary skills in personal finance that every person should have before leaving high school. Course content includes:

Saving, Banking, Zero-Based Budgeting, Consumer Spending (Debt), Consumer Credit, Cash-Flow Your Education, Consumer Laws, Financial Planning, Seven Rules of Negotiating, Insurance, Investments, Career Goal Setting, and lastly Sharing your Time and Talents. (Course content is provided by Dave Ramsey's Foundations in Personal Finance) The end goal is to teach students how to avoid debt, budget with intention, invest, and build wealth so they can give like no one else. This course will change the financial future of students and set them on a path to win with money, changing the way they look at money forever. Students will be empowered, equipped and entertained while building confidence in their own financial decision-making.

AP MACROECONOMICS H

Credit: ½ (Sem 2) Grades 11-12
Course #: 070751
Prerequisite: Completion of Algebra 2

AP Macroeconomics is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. The AP test is required for those enrolled in the course.

College credit may be earned for students who choose to take the AP test in May.

TECHNOLOGY

To graduate, students must complete Digital Creative Apps.

The Technology Electives are: Video Creation, Coding for the Web, and Graphic Design. For students interested in journalism (HALO and Yearbook), technology credit can be earned in Yearbook with administrative approval.

Our introductory technology course is Digital Creative Applications. The skills taught in Digital Creative Apps will benefit students as they encounter technology across all curricular areas at Saint Thomas Aquinas High School, enrollment in the course is recommended during freshman year.

DIGITAL CREATIVE APPLICATIONS

Credit: ½ Grades 9-12
Course #: 002220
Prerequisite: None

Students will develop skills using creative software (Adobe Creative Cloud), Excel, coding, and Canva. Students will learn to use their school accounts: Skyward, Google Mail and Google Drive. Students will also develop file management skills when using the school's network and/or their own device. Christian Digital Citizenship, information security, and personal responsibility will be particularly emphasized and integral to every lesson.

BUSINESS AND TECHNOLOGY

AP COMPUTER SCIENCE PRINCIPLES

Credit: ½ Grades 9-12
Course #: 002800
Prerequisite: Digital Creative Applications AND Algebra 1

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

College credit may be earned for students who choose to take the AP test in May.

VIDEO CREATION

Credit: ½ Grades 10-12
Course #: 002295
Prerequisite: Digital Creative Applications

The goal of the course is to expose students to a variety of video creation and editing hardware and software. Software titles used include Adobe Premiere Pro® and Canva. Students will learn the techniques necessary to create and edit quality digital video productions for school and personal purposes.

YEARBOOK

Credit: 1 Grades 10-12
Course #: 030271
Prerequisite: Digital Creative Applications & Teacher Approval

Students handle all reporting, writing, editing, photography, video and design responsibilities for the school yearbook, the Medallion. Enrollment is limited; an application process is used for staff selection. Students need to be independent, responsible workers who meet deadlines and are willing to work outside of school hours.

BROADCAST VIDEO PRODUCTION (HALO)

Credit: ½ per semester (Sem 1 and/or Sem 2) Grades 9-12
Course #: 002298
Prerequisite: DCA and application process/teacher approval

Students enrolled in this class will be responsible for producing the morning announcements, advertisements and promotions, and for providing sports event coverage. They may also produce special event coverage, human interest stories, magazine-show packages, podcasts, and entertainment programming. Throughout the course, students will receive hands-on training in a variety of production tasks including graphic design, audio and video engineering, directing, producing, camera operation, on-screen and on-mic talent, video editing, and video journalism.

Each student will be required to produce graphics, create video content, and write and edit scripts to meet deadlines. Additionally, students will attend outside events (e.g., sporting events) and are expected to maintain high standards of conduct and professionalism in all aspects of their work.

GRAPHIC DESIGN

Credit: ½ Grades 10-12
Course #: 001335
Prerequisite: None

This is an introductory class to digital art and graphic design with the use of technology to create artistic images, image manipulation, digital photography, graphic design, visual literacy, and the elements and principles of design in compositions. Art history and the evolution of technology incorporated into the arts will also be studied.