



Course Scheduling Guide

2018-2019

We are excited to welcome you to the WCSCC. This Course Scheduling Guide is designed to assist you and your parents with planning your academic schedule. If you have any questions or need assistance, please contact the WCSCC Student Services Office at 330-669-7000 ext. 1040.

Students: Consult with your school counselor and parents. Check to see if there are any required academic courses for your Career Technical program by consulting this scheduling guide. Give careful consideration to your academic course selections. Registration sheets must be turned in to your counselor **signed by you and your parent.**

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Graduation Credit Requirements

Please refer to your associate school for graduation requirements as some schools have additional requirements beyond the state minimum.

Diploma with Honors

Go To: <http://education.ohio.gov/> for criteria and information on the Diploma with Honors

Credit Recovery

On-line courses can be used to remediate failed courses or supplement current coursework.

Career Center counselors will enroll students. There is no tuition charge for these courses that are **not** summer school.

College Credit Plus with Stark State College

WCSCC students are able to take dual credit courses on our campus in conjunction with Stark State College. Approved courses will fulfill high school credit requirements while earning college credit upon successful completion. **This is an excellent opportunity to earn tuition free college credit** as a high school student. Courses offered and requirements for enrollment are listed below.

1. Online application can be completed in the guidance office.
2. Students must take the ACT, SAT or ACCUPLACER test and score as follows:

English Composition I and II	ACT 18, SAT 430 or ACCUPLACER Writeplacer 5
Political Science (Government)	ACT English 18, Reading 22, Math 22
Business/Entrepreneurship	ACT Reading 18 or ACCUPLACER Reading 80
Student Success Seminar	ACT English 18, Reading 22, Math 22

****Test scores must be available by May 1, 2018 for fall 2018 enrollment**

3. Any student who fails to complete or earn a passing grade jeopardizes their eligibility for graduation.
4. College Credit Plus courses in Business, Government and English Composition are listed in the course description section.

English Language Arts Offerings

LANGUAGE ARTS III

Grade 11

1 Credit

Designed to teach basic English skills at the junior level. This course follows the extended standards for Juniors taking English Language Arts. The writing focus is basic writing conventions and paragraph structure. Independent reading, reading for comprehension and reading strategies are emphasized. Research skills are practiced and employment skills are introduced. Reading and Writing IEP goals are practiced weekly.

Prerequisite: VOSE/School Counselor Recommendation

WCSCC Principal Approval

JUNIOR ENGLISH LANGUAGE ARTS

Grade 11

1 Credit

This course covers reading, vocabulary, language/grammar, and writing to prepare students to meet state standards and take the ACT test. Course content and assignments will also include independent reading, career and technical applications, and research and documentation skills. Students will rotate among three teachers throughout the course in order to cover the content thoroughly.

LANGUAGE ARTS IV

Grade 12

1 Credit

This course focuses on refining reading, writing and speaking skills. Emphasis is placed on employability skills such as resume writing/updating, job searching skills, workplace issues and interview skills. Informational reading skills are emphasized. Technical and argumentative writing skills are practiced and reinforced. Reading and Writing IEP goals are practiced weekly.

Prerequisite: VOSE/School Counselor Recommendation

WCSCC Principal Approval

TRANSITIONS LANGUAGE ARTS

Grade 12

1 Credit

This English course will accommodate different learning styles and modalities and focus on the skills necessary for life after high school, promoting reading, writing and other modes of communication. Both work-related communication skills and traditional English skills will be taught.

Prerequisite: Teacher/VOSE/School Counselor Recommendation

WCSCC Principal Approval

SENIOR ENGLISH LANGUAGE ARTS

Grade 12

1 Credit

This course focuses on refining speaking and writing skills in preparation for further education and career.

Reading skills will also be sharpened. Emphasis is also placed on the development of critical thinking as applied to the workplace. Course content and assignments will include career and technical applications, employability skills, and college readiness as well as standard based units in British/World Literature.

COLLEGE SENIOR ENGLISH (College Credit Plus) Grade 12 1 Credit per Semester Course ENG 124 College Composition I (3 college credits from Stark State College)

This course emphasizes narrative, analytical, and research-based writing with review of essay development, grammar, and punctuation. Reader response essays focus on critical analysis of rhetoric in reading passages. Emphasis is on the process of drafting, revising and editing to achieve clarity. A research project requires APA or MLA documentation. **Prerequisite: Meet College Credit Plus eligibility requirements.**

ENG 231 College Composition II (3 college credits from Stark State College)

This course will build on the skills and knowledge obtained in College Composition I including research and inquiry. Students will develop an understanding of rhetoric, argument, and language as they conduct their own research and write about complex topics in formal papers. A research project requires APA or MLA documentation. **Prerequisite: Meet College Credit Plus eligibility requirements.**

Math Offerings

MATH III

Grade 11

1 Credit

Students learn about many practical applications of math in everyday life. Topics of study include statistics, fractions, basic algebra and geometry, probability, statistical graphs, measures of central tendency, mathematical modeling. Project units also allow students to apply and extend their math skills for problem solving.

Prerequisite: VOSE/School Counselor Recommendation

WCSCC Principal Approval

MATH IV

Grade 12

1 Credit

Students will study and review arithmetic skills they can apply to their personal lives and future careers. The focus is on occupational topics including job details, wages, deductions, taxes, insurance, recreational spending and transportation. Students also learn about personal finances, checking and savings accounts, loans, credit, auto expenses and housing costs.

Prerequisites: Math III and VOSE/School Counselor Recommendation

WCSCC Principal Approval

GEOMETRY

Grade 11/12

1 Credit

This course will follow the Ohio State Standards for Mathematics and is one of the required end of course exams that impacts graduation. The standards stress not only procedural skills, but also conceptual understanding to prepare students to think and reason mathematically. This course will introduce the ideas of congruence and similarity, parallel and perpendicular lines, the Pythagorean Theorem, the study of the properties of figures including triangles and circles, the study of proofs, trigonometric ratios, and the study of solid figures. Algebra 1 skills will be used throughout the course.

TRANSITIONS ALGEBRA II

Grade 11/12

1 Credit

This course will follow the Ohio State Standards for Mathematics. This course is a continuation of the study of Algebra I. Further skill development is emphasized in the study of linear and quadratic equations, systems of equations, exponentials and logarithms.

Prerequisites: VOSE/School Counselor Recommendation

WCSCC Principal Approval

ALGEBRA II

Grade 11/12

1 Credit

This course will follow the Ohio State Standards for Mathematics. This course is a continuation of the study of Algebra I and will include the study of data analysis, graphing systems of linear equations, factoring, rational and irrational numbers, functions and function notations, quadratic equations and inequalities, exponentials, logarithms, trigonometric functions and their applications and complex numbers.

Prerequisites: Final Grade of C or lower in Algebra I and/or Geometry

ALGEBRA II and Trigonometry

Grade 11/12

1 Credit

This course will follow the Ohio State Standards for Mathematics. This course is designed for students who are considering college or other post high school educational options upon graduation from high school. Topics of study will include the data analysis, graphing systems of linear equations, factoring, rational and irrational numbers, functions and function notations, quadratic equations and inequalities, exponentials, logarithms, trigonometric functions and their applications and complex numbers. **Prerequisites:** Teacher

Recommendation & Final Grade of C or higher in Algebra I and/or Geometry.

PRE-CALCULUS Grade 11/12 1 Credit

Pre-Calculus is a review of Algebra II and is a continuation into the formal study of mathematics. This course prepares the college bound student for calculus. Much of this course is devoted to the study of functions. This course will explore basic trigonometric identities and ratios. It will enable students to display, describe, transform, and interpret numerical information represented as data, graphs or equations. Other topics include mathematical modeling of functions, sequences, and conic sections. A graphing calculator is **recommended**.

Prerequisite: Algebra II or Algebra II and Trigonometry

FINANCIAL ALGEBRA Grade 12 1 Credit

Financial Algebra is a fourth year math class. It is an application based learning approach incorporating prior knowledge from each student's previous experiences in Mathematics. Students will cover the study of taxes, insurance, banking, budgeting, investing, home ownership, auto ownership, credit and more. The course uses a variety of Algebra II concepts including piece-wise functions, exponential and logarithmic functions, quadratics, systems of equations, and limits. It offers students the opportunity to extend and practice their algebra mechanics and problem-solving skills using age appropriate scenarios.

Prerequisites: Algebra II

Science Offerings

SCIENCE III Grade 11/12 1 Credit

This course provides information on the study of living things and the major systems of the human body, the functioning of each system and their interactions. the characteristics and needs that all living things have in common will also be covered using laboratory investigations and class discussions. Dissection is an integral part of this course.

Prerequisite: VOSE/School Counselor Recommendation

WCSCC Principal Approval

MATERIALS SCIENCE Grade 11/12 1 Credit

The fundamental purpose of Materials Science is for students to apply the understanding of the composition, formation, properties, and structure of various materials to real world applications. Topics will include safe laboratory practices, matter and its properties, crystal structure, metals, ceramics, polymers, and composites. Content focuses on the study of the structure of matter (atomic structure and periodic variation), classifying matter (scientific measurement and communications as well as distinguishing characteristics of different materials) and the interactions of matter (intramolecular and intermolecular).

The Material Science course is dedicated to promoting scientific and technological literacy. The principal means of learning will be through hands-on laboratory investigations that integrate science and technology. Scientific methods will be used to gather, analyze, and represent data in a variety of ways including topics from physical science and current events/phenomena.

CHEMISTRY GRADE 11/12 1 Credit

Chemistry is a year-long academic course designed to help students understand basic chemical principles and master problem-solving skills. The course is a standards-based study of the fundamental chemistry concepts such as measurements, atomic structure and theory, chemical bonding, reactions, the mole and stoichiometry, states of matter, solutions, acids & bases and nuclear chemistry. Concepts and skills are reinforced through a strong emphasis on hands-on laboratory experiences as well as the use of technology. Emphasis will also be placed on the utilization of mathematical, analytical and communications skills. **Prerequisites: Final grade of C or higher in Algebra I**

ANATOMY AND PHYSIOLOGY **Grade 11/12** **1 Credit**

In this course the major systems of the human body and their interactions will be explored. Major systems of the body will be covered including: the nervous system, skeletal system, circulatory system, respiratory system, muscular system and reproductive system. The functioning of each system from the cellular level to complete system will be examined using laboratory investigations and class discussions. Dissection is an integral part of this course. This course is designed for students who plan a career in the health science fields.

Prerequisites: **Biology and enrollment in ESSM, Patient Care Technologies or Medical Assisting**

COSMETOLOGY SCIENCE **Grade 11** **1 Credit**

Cosmetology science is a year-long academic course designed to help students understand basic anatomy and chemical principles and prepare students to perform work-related services in the cosmetology industry. The course is a standards-based study of the fundamental cosmetology science concepts such as anatomical terminology, cells, and human body systems with an emphasis on the integumentary system, skeletal system, and muscular system. Other concepts include chemistry concepts with an emphasis on atomic structure, chemical bonding, reactions, states of matter, solutions, acids & bases, and electrochemistry. Concepts and skills are reinforced through a strong emphasis on hands-on laboratory experiences as well as the use of technology.

Prerequisites: **Enrollment in Cosmetology**

APPLIED PHYSICS **Grade 11/12** **1 Credit**

This laboratory-based class will enable students to obtain a better understanding of the world by learning the laws of physics and how they apply to the natural universe, technology and manufacturing careers. Students develop critical thinking skills through hands-on experimentation of the many Physics concepts. Major topics covered are motion, forces, energy, heat, sound, light, electricity and magnetism.

Prerequisites: **Final Grade of C or higher in Algebra I or WCSCC Principal Recommendation**

Social Studies Offerings

GOVERNMENT & FINANCIAL LITERACY **Grade 11** **1 Credit**

This course will emphasize the levels of our government, the major functions of each branch at each level, and the role of the citizen. **Government** topics may include purposes and goals of government, types of government, the Constitution, the branches of our government, state and local government and citizenship participation. **Financial Literacy** includes personal economic choices regarding budgets, savings, investments, and credit.

INTEGRATED GOVERNMENT & FINANCIAL LITERACY **Grade 11** **1 Credit**

This is a modified curriculum course, which will emphasize the levels of our government, in the major functions of each branch at each level and the role of the citizen. Government topics may include purposes and goals of government, types of government, the Constitution, the branches of our government, state and local government, and citizenship participation. Financial Literacy includes personal economic choices regarding budgets, savings, investments and credit.

Prerequisite: **VOSE/School Counselor Recommendation**

WCSCC Principal Approval

COLLEGE GOVERNMENT (CCP) ECONOMICS & FINANCIAL LITERACY Grade 11/12 1 Credit
PSC 121 – Political Science (3 college credits from Stark State College)

This course engages students in an intense study of American documents and text that address the theoretical and political foundations of America. Through independent reading and discussions, students will discover the nature, purpose, and forms of government systems along with the relationship between function and structure of the American Constitution. This is a survey course at the college level that covers a vast amount of content related political science in modern society. College reading level required.

Prerequisite: Meet College Credit Plus eligibility requirements.

Financial Literacy ½ Credit (not dual enrollment credit) may include taxation, the role of individuals in our economy, supply and demand, inflation, comparative advantage, trade, specialization and interdependence. Additional topics include personal economic choices regarding budgets, savings, investments, credit and philanthropy.

Prerequisite: Required for all students completing PSC 121.

Business Entrepreneurship

This program of study will be taught in our distance learning lab. The instructors will rotate between WCSCC and four other county schools that are part of the cohort once a week, however, the instructor will be present “virtually” every day on every campus. As part of Ohio’s College Credit Plus program, students will receive both high school and college credit through Stark State College. This is a two-year program consisting of four business courses and three academic courses each semester.

The following courses are available for next year:

ENT 120 - ENTREPRENEURSHIP

This course is designed to introduce students to the entrepreneurial process from conception to birth of a new venture. Students will examine elements in the entrepreneurial process--personal, sociological, and environmental--that give birth to a new enterprise. Critical factors for starting a new enterprise such as alternative career prospects, family, friends, role models, the state of the economy and the availability of resources will be explored. Students will be introduced to practical tools they can use to further their careers in business, both in entrepreneurship and in more traditional company environments. This course simulates the experiences that entrepreneurs undergo in conceiving, launching, and operating new businesses. The courses enable students to evaluate an entrepreneurial career for themselves. In doing so, it provides want- to-be entrepreneurs with a framework for selecting, funding, and starting their own new ventures.

3.000 Credit hours

Prerequisites: Compass Reading 080 or ACT Reading 18

ENT 124 - MANAGING ENTREPRENEURIAL GROWTH

This course is designed for students who want to manage growing companies in an increasingly professional manner while still maintaining the entrepreneurial spirit that brought the company to its current growth position and for students who want to manage larger companies to emphasize innovation and the management of opportunities rather than to concentrate on the efficient management of ongoing operations. Upon successful completion of this course, students should be able to measure economic performance and obtain information for management decision-making, management control systems for innovative companies, short-and long-run planning in owner-managed businesses, and entrepreneurship in managing growing companies.

3.000 Credit hours

Prerequisites:

[ENT 120](#) Minimum Grade of D

ENT 225 - GLOBAL ENTREPRENEURSHIP

This course examines how entrepreneurs create and manage emerging ventures in other countries and create and manage start-up emerging ventures which are global in at least one important aspect. The case analyses and classroom discussions draw on and integrate multidisciplinary concepts, skills and insights - marketing, operations, finance, control, decision-making, leadership, ethics, governance, negotiations - all in the service of starting and managing entrepreneurial ventures. Upon successful completion of this course, students should be able to identify and assess business models for international start-ups, venture valuation, sources of financing, deal structuring, cross-cultural issues in entrepreneurship, creating strategic alliances, managing/ leading a small multinational organization, international acquisitions, managing entrepreneurial ventures in situations of financial distress and under changing contexts, and managing global expansions of ventures.

3.000 Credit hours

Prerequisites:

[ENT 120](#) Minimum Grade of D

BUS 121 - BUSINESS ADMINISTRATION

A survey course designed to develop a comprehension of business theories and principles. Students will examine the following: American business development, management and organization, human resources, marketing, information for business strategy, decision making, finance and investment. Upon completion, students should be able to demonstrate an understanding of the above topic areas and have a foundation for studying other business subjects.

3.000 Credit hours

Prerequisites: Compass Reading 080 or ACT Reading 18

BUS 124 - BUSINESS ANALYSIS WITH ALGEBRA

This course is designed to present and facilitate the mastery of the use of analysis in business applications. The applications include percentage computations; payroll; buying, markup and markdowns; simple interest; compound interest including business and consumer loans and ordinary annuities. Upon successful completion of this course, the student should be able to apply fundamental analysis to business problems
3.000 Credit hours

BUS 221 - MICROECONOMICS

An in-depth study of microeconomic concepts and principles such as supply and demand, price elasticity, production costs, different market structures, income distribution, marginal analysis, and other issues relating to global economics. Upon completion of this course, students should be able to demonstrate an understanding of these topics and be able to apply them to business.
3.000 Credit hours

Course Attributes:

TAG Approved Course, Transfer Module Approval

Prerequisites:

Compass Reading 080 or ACT Reading 18

BUS 222 - MACROECONOMICS

An in-depth study of macro-economic concepts and principles such as market supply and demand, unemployment and inflation, monetary and fiscal policy, national income accounting and Classical and Keynesian models. Upon completion, students should be able to apply and demonstrate an understanding of the above topics relative to today's economy.
3.000 Credit hours

Course Attributes:

TAG Approved Course, Transfer Module Approval

Prerequisites:

Compass Reading 080 or ACT Reading 18

MGT 121 - PRINCIPLES OF MANAGEMENT

This course provides an in-depth, balanced overview of management through coverage of basic management functions: planning, organizing, staffing, directing and controlling. Presents the current insights of open-systems theory, contingency theory, organization theory, organizational behavior and contemporary management science. Upon completion, students should be able to demonstrate an understanding of the above topic areas.

3.000 Credit hours

Prerequisites:

[BUS 121](#) Minimum Grade of D or [ENT 120](#) Minimum Grade of D

MGT 224 - HUMAN RESOURCE MGT

Introduction to the effective management of human resources in today's organizations. Emphasis is on the policies and programs necessary to attract, retain and motivate employees. Subjects covered include the legal framework of human resource management, staffing, human resource development, motivation and leadership, compensation, appraisal systems, safety and labor, and management relations. Upon completion, students should be able to demonstrate an understanding of the management of the human resource.

3.000 Credit hours

Prerequisites:

[MGT 121](#) Minimum Grade of D

MKT 121 - PRINCIPLES OF MARKETING

This course is an introduction to the important role that marketing plays in the successful operation of various enterprises that operate in both the domestic and international arenas. Emphasis is on developing marketing strategies needed to compete effectively in today's rapidly changing competitive environment. Customer buying behavior, market segmentation, quality customer service, the elements of product, distribution, pricing and promotion strategies are examined. Upon completion, students should be able to demonstrate an understanding of the above topic areas.

3.000 Credit hours

Course Attributes:

TAG Approved Course

Prerequisites:

[BUS 221](#) Minimum Grade of D

ACC 130 - BUSINESS LAW AND ETHICS

An examination of the functions of the legal system in the business environment. This course includes the study of traditional business law topics and other basic topics applicable to business. A close examination of the intersection between professional ethical decision-making and the legal system as it applies to business. Upon completion, students should be able to demonstrate competence in the fundamental concepts of business law and ethics.

3.000 Credit hours

Course Attributes:

TAG Approved Course

ACC 132 - FINANCIAL ACCOUNTING

This course introduces the student to the fundamental processes of accounting through coverage of the accounting cycle consisting of transaction analysis, the recording function and financial statement preparation and analysis. Course coverage continues with a review of receivables; inventory, property, plant and equipment; bonds and stockholder's equity. Emphasis is given to why certain procedures are followed and their financial statement impact.

4.000 Credit hours

Course Attributes:

TAG Approved Course

Prerequisites:

[BUS 124](#) Minimum Grade of D

ITD 122 - COMPUTER APPLICATIONS FOR PROFESSIONALS

Computer Applications for Professionals describes the components and peripherals of a computer/PC and how they function and communicate as a system. Principle topics covered are the Windows operating system, Internet applications, the Windows networking environment and a variety of software application packages used to solve scientific, business, and engineering technology problems.

3 Credit hours, **Open to all WCCSCC students – 2nd semester ONLY**

MGT 121 - PRINCIPLES OF MANAGEMENT

This course provides an in-depth, balanced overview of management through coverage of basic management functions: planning, organizing, staffing, directing and controlling. Presents the current insights of open-systems theory, contingency theory, organization theory, organizational behavior and contemporary management science. Upon completion, students should be able to demonstrate an understanding of the above topic areas.

3 Credit hours

SSC 101 - STUDENT SUCCESS SEMINAR

This course is designed to aid students in gaining the skills necessary for academic success at Stark State College (SSC). Topics include learning styles, critical thinking, time management, study and test-taking techniques, communication skills, and a variety of personal development strategies. Students will learn how to access and use SSC resources such as mystarkstate, the College's Learning Management System (LMS), Digital Library, Writing Center, Career Development, advising, tutoring, and other College support services. This course also fosters connections between students, their respective academic divisions, and their classmates. Upon completion of this course, students should be able to incorporate into their degrees or certificate programs the tools and skills necessary to be academically and professionally successful.

1 Credit hours, **Open to all WCSCC students, 1st Semester ONLY**

The following sequence will be followed for year one:

Semester 1

Student Success Seminar

Entrepreneurship

Business Administration

Math

English/Language Arts

Social Studies

Semester 2

Computer Applications for Professionals

Global Entrepreneurship

Principles of Management

Managing Entrepreneurial Growth

Math

English/Language Arts

Social Studies

The following sequence will be followed for year two:

Semester 1

Business Analysis with Algebra

Business Law and Ethics

Microeconomics

Math

English Language Arts

Science

Semester 2

Principles of Marketing

Financial Accounting

Human Resource Management

Macroeconomics

Math

English/Language Arts

Science

***First semester represents a 15 hour pathway during year one.**

***Both semesters represent a 30 hour pathway during year one.**

Education and Career Planning Tools for Students

<http://education.ohio.gov/Topics/Career-Tech/Career-Connections>

<https://jobseeker.k-12.ohiomeansjobs.monster.com/seeker.aspx>

www.education.ohio.gov/Topics/Career-Tech/Career-Connections/Career-Advising-Policy-and-Student-Success-Plan