



# Course Scheduling Guide

## 2016-2017

*We are excited to welcome you to the WCSCC. This schedule book 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 counselor and parents. Check to see if there are any required academic courses for your trade program by consulting this guidebook. Give careful consideration to your academic course selections. Registration sheets must be turned in to your counselor **signed by you and your parent.**

### Table of Contents

Honors Diploma	Page 2
Credit Recovery Programs	Page 2
College Credit Plus	Page 2
English Offerings	Pages 3/4
Math Offerings	Pages 4/5
Science Offerings	Pages 6
Social Studies Offerings	Pages 7
Business Entrepreneurship Offerings	Pages 8/9
Business Entrepreneurship Pathways	Page 10
Education and Career Planning Tools	Page 10

## 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 COMPASS test and score as follows:

English Composition I and II	ACT 18, SAT 500 or Compass Writing 70
Political Science (Government)	NO minimum score required
College Algebra and Trigonometry	ACT 22, SAT 500 or Compass Math 55
Business/Entrepreneurship	ACT 18 or Compass Reading 80

**\*\*Test scores must be available by May 1, 2016 for fall 2016 enrollment**

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

## **English Language Arts Offerings**

### **LANGUAGE ARTS III                      Grade Level 11                      1 Credit**

Designed to teach basic English skills at the junior level. This course focuses on practical communication skills including newspaper interpretation, large and small group communication and literature related to life management.

**Prerequisite: IEP**

### **JUNIOR ENGLISH LANGUAGE ARTS                      Grade 11                      1 Credit**

Students will be immersed in reading, writing, and speaking through the study of fiction and non-fiction literature. The writing process will be utilized to develop logical and coherent compositions. Improvement of critical thinking and analytical skills, vocabulary, and oral and written communications is emphasized throughout the course. Course content and assignments will include career and technical applications and employability skills.

### **JUNIOR ENGLISH LANGUAGE ARTS ENRICHED                      Grade 11                      1 Credit**

This course involves a study of various American authors, with emphasis placed on development of reading, writing, listening, speaking and critical thinking skills through class discussions, activities, projects and writing assignments. Study will focus on understanding the historical perspectives and universal themes of works in literature to further students' cultural appreciation. Course content and assignments will include career and technical applications and employability skills.

**Prerequisite: Teacher Recommendation.**

### **LANGUAGE ARTS IV                      Grade Level 12                      1 Credit**

Designed to teach and reinforce practical skills for everyday living and work. Content includes employability skills such as formal response writing including greetings, handshaking and thank you letter writing, goal setting and following career objectives. This course also focuses on refining reading, writing and speaking skills.

**Prerequisite: IEP**

### **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: IEP/Principal referral**

### **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.

**SENIOR ENGLISH LANGUAGE ARTS ENRICHED****Grade 12 1 Credit**

This course provides a solid foundation for academic work through various types of speaking, writing, reading, and guided projects. The students will pursue critical independent study and analysis of literature and non-fiction readings. Emphasis is placed on responding critically to the readings and writings presented, developing advanced vocabulary skills, and polishing written communication skills. Class discussion is also emphasized. Readings will be required (both fiction and non-fiction) as springboards to ideas for writings. Course content and assignments will include career and technical applications and employability skills.

**Prerequisite: Teacher Recommendation**

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

This course emphasizes writing based on reading response with review of essay development, grammar, and punctuation. Emphasis is on the process of drafting, revising and editing to achieve clarity. A research project requires APA or MLA documentation.

**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 explore and write about complex topics in formal papers.

**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: IEP**

**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 IEP**

**GEOMETRY**                      **Grade 11/12**      **1 Credit**

This course will follow the Ohio Common Core Standards for Mathematics. 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.

**Prerequisite:** Algebra I or WCSCC principal referral

**TRANSITIONS ALGEBRA II**                      **Grade 11/12**      **1 Credit**

This course will follow the Ohio Common Core 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:** Algebra I, Geometry, and IEP with math goals/WCSCC Principal Referral

**ALGEBRA II**                      **Grade 11/12**      **1 Credit**

This course will follow the Ohio Common Core 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:** Algebra I and Geometry

**ALGEBRA II ENRICHED**                      **Grade 11/12**      **1 Credit**

This course will follow the Ohio Common Core Standards for Mathematics. This course is designed for students that are planning to attend college 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:** Algebra I and Geometry

**FINANCIAL ALGEBRA**                      **Grade 12**      **1 Credit**

Financial Algebra is 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/WCSCC principal referral

**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

**COLLEGE ALGEBRA & TRIGONOMETRY (College Credit Plus) Grade 12 1 Credit per Course**  
**MTH 125 – College Algebra (4 college credits from Stark State College)**

In this course students will study linear, quadratic and absolute value equations and inequalities by applying analytical, graphical, and numerical methods of solution. Elementary functions and non-functions will be examined with reference to extreme roots (zeros) and end-behavior of their respective graphs. Theory of equations including the Remainder and Factor Theorems, The Rational Root Theorem, and Descartes' Rule of Signs will be used for non-graphical analysis of polynomial functions of degree  $n$ . The student will also study exponential and logarithmic functions and the conic sections including their graphs and applications. Systems of equations will be solved by traditional algebraic methods as well as by the application of matrix algebra including determinants. These methods will be extended to include the partial fraction decomposition of rational expressions.

**MTH 130 – Trigonometry (3 college credits from Stark State College)**

Study of angles and degree measure; radian measure; arc length and area; angular and linear velocity; trigonometric functions; right angle trigonometry; trigonometric identities and reference angles; unit circle and graphing; general sine wave; graph of tangent function; inverse trigonometric functions; basic sine, cosine and tangent equations; multiple angle equations; vectors and their applications; oblique triangles and their applications; polar coordinates and complex numbers.

*THESE ENTRY LEVEL MATH COURSES ARE TAKEN ONLINE THROUGH STARK STATE COLLEGE WITH SUPPORT FROM A CAREER CENTER INSTRUCTOR IN THE CLASSROOM.*

**Prerequisite:** Meet College Credit Plus eligibility requirements.

## **Science Offerings**

**SCIENCE III**

**Grade 11/12 1 Credit**

This course provides information on the study of living things, the characteristics and needs that all living things have in common, the changes and ways that all living things depend upon Earth and its resources. Nature of science, cells and heredity, life over time, diversity of living things, ecology, human biology and anatomy will be covered.

**Prerequisite:** IEP

**BIOLOGY**

**Grade Level 11/12 Year 1 Credit**

This course is a comprehensive view of the world of living things from the submicroscopic world to the world outside. Topics covered include but are not limited to: biology as a science, basic chemistry, cell structure and function, nucleic acids and protein trends, cell growth, basic genetics, classification systems and what is included in each.

**ENVIRONMENTAL SCIENCE**

**Grade 11/12 1 Credit**

This course provides an understanding of the environment and the relationship between organisms and their physical surroundings focusing on the effects man has within the worldwide ecosystem. Students will be provided with knowledge that will allow them to analyze environmental issues and associated risks; and, examine solutions that can resolve/prevent ecological problems through critical and creative thinking skills.

**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 required for students who plan a career in the health science fields or Cosmetology.

**Prerequisite:** Biology

**CHEMISTRY**    **Grade 11/12    1 Credit**

This course is 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.

**Prerequisite:** Algebra I passed with a “C” or better

**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. Major topics covered are motion, forces, energy, heat, sound, light, electricity and magnetism.

**Prerequisite:** Algebra I passed with a “C” or better

## **Social Studies Offerings**

**INTEGRATED GOVERNMENT & FINANCIAL LITERACY**    **Grade 12    1 Credit**

This is a basic Government course designed to teach the students the fundamentals of Government systems around the world. The course focuses on all aspects of Government, including but not limited to history, law, economics and citizen knowledge. Personal financial literacy will be included as a part of this course focusing on choices about budgets, savings, investments, and credit.

**Prerequisite:** IEP referral

**GOVERNMENT & FINANCIAL LITERACY**    **Grade 11/12    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, credit and philanthropy.

**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.

**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 new program will be taught in our new distance learning lab. The instructor will rotate between us and the four other county schools that are part of the program 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 course enables 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 WCSCC students – 2<sup>nd</sup> 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, 1<sup>st</sup> 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

Math

English/Language Arts

Social Studies

The following sequence will be followed for year two:

**Semester 1**

Business Analysis with Algebra

Human Resource Management

Business Law and Ethics

Microeconomics

Math

English/Language Arts

Science

**Semester 2**

Principles of Marketing

Financial Accounting

Managerial Accounting

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](http://www.education.ohio.gov/Topics/Career-Tech/Career-Connections/Career-Advising-Policy-and-Student-Success-Plan)