Scranton School District

Course Reference Guide

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SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

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SCRANTON SCHOOL DISTRICT BOARD OF DIRECTORS

Ty Holmes - ty.holmes@ssdedu.org
Tara Yanni, Vice President - tara.yanni@ssdedu.org
Sean McAndrew - sean.mcandrew@ssdedu.org
Catherine Fox - catherin.fox@ssdedu.org
Sarah Cruz - sarah.cruz@ssdedu.org
Daniel Chesek - danielle.chesek@ssdedu.org
Katie Gilmartin - katie.gilmartin@ssdedu.org
Tom Borthwick - tom.borthwick@ssdedu.org
Bob Casey – bob.casey@ssdedu.org

SCRANTON SCHOOL DISTRICT ADMINISTRATION

1. **Recovery Officer** – Dr. Carol Saylor
2. **Superintendent** – Dr. Erin Keating – (272) 235-5822 – erin.keating@ssdedu.org
3. **Director of Compliance** - Robert Gentilezza - (272) 235-5524 - robert.gentilezza@ssdedu.org
4. **Director of Leadership & Accountability –** Robert DeLuca - (272) 235-5528 – robert.deluca@ssdedu.org
5. **Director of Curriculum & Instruction / Director of Federal Programs** - Ann Grebeck - (272) 235-5529 - ann.grebeck@ssdedu.org
6. **Director of Special Education and Support Services** – Ann Genett - (272) 235-5534 – ann.genett@ssdedu.org
7. **Federal, State & ELD Coordinator** - Maggie Cosgrove - (272) 249-4821 - maggie.cosgroves@ssdedu.org
8. **PIMS Coordinator** – Susan Wallace - (272) 235-5537 - susan.wallace@ssdedu.org
9. **Business Manager** - Patrick Laffey - (272) 235-5482 - pat.laffey@ssdedu.org
10. **Director of Human Resources** - Tim Wolff - (272) 235-5532 - tim.wolff@ssdedu.org
11. **Director of Operations** - Robert Rucker - (272) 235-5478 robert.rucker@ssdedu.org
12. **Director of IT – Chris Summa** - (272) chris.summa@ssdedu.org
13. **Supervisor of Transportation & Technology** - Julie Maloney - (272) 235-5498 julie.maloney@ssdedu.org
14. **Assistant Supervisor of Transportation, Operations, & Asset Management** - Kevin Kearney - (272)235-5499 - kevin.kearney@ssdedu.org

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Superintendent's Message

The Scranton School District is committed to providing a well-rounded and comprehensive education for all of our students. Our goal is to equip our students with the knowledge, skills, and abilities they need to succeed in the rapidly changing world of the 21st century.

Our course curriculum guide outlines the diverse range of courses that we offer, from core academic subjects like Math, Science, and English, to electives in areas like Music, Art, and Technology. Each of these courses has been designed to help our students develop a strong foundation in the key competencies that are critical for success in today's world, such as critical thinking, problem-solving, collaboration, and digital literacy.

As we move deeper into the 21st century, the world of education is undergoing a profound transformation. The demands of the modern economy, the rapid pace of technological change, and the increasing globalization of our world have all had a profound impact on the way we teach and learn.

At the Scranton School District, we are committed to staying ahead of these trends and providing our students with the education they need to succeed in a rapidly changing world. This means embracing new technologies, developing innovative teaching methods, and continually adapting our curriculum to meet the evolving needs of our students and the world around us.

One of the most important developments in education in recent years has been the recognition of the need for a well-rounded education that includes not just academic subjects, but also opportunities for personal and social development, physical fitness, and artistic expression. At the Scranton School District, we are proud to offer a comprehensive and diverse range of courses and programs that help our students develop into well-rounded individuals who are prepared for success in all areas of their lives.

Another important trend in education today is the increasing emphasis on 21st-century skills like critical thinking, problem-solving, collaboration, and digital literacy. These skills are becoming more and more important in a world where technology is transforming the way we work and communicate, and we are committed to equipping our students with the knowledge and abilities they need to thrive in this rapidly changing landscape.

In addition to academic coursework, we also place a strong emphasis on social emotional learning and personal development. We believe that our students should leave our schools not only well-prepared for the challenges of the future, but also as responsible, and well-rounded individuals.

Ultimately, our responsibility as a school district is to provide our students with the opportunities they need to reach their full potential. Whether they go on to pursue further education, enter the military, or enter the workforce, we are committed to equipping them with the skills, knowledge, and character traits they need to lead fulfilling and successful lives.

Erin Keating, Ed.D.
Superintendent of Schools
Scranton School District

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Vision Statement

The vision of the Scranton School District is to educate students to their full potential and to prepare them to be successful in all aspects of their lives.

Mission Statement

The mission of the Scranton School District is to educate, inspire and empower.

Value Statements

We believe:

- Every student in the district can be successful and must be equipped with the skills necessary to compete in the 21st-century workplace in a global society.
- It is vital to the success of each child that we respect their aspirations and goals.
- We must embrace the cultural diversity of our students and promote cultural awareness in education.
- We must continue to empower students to focus on continuous improvement as a partner in the educational process.

Introduction

Students are about to begin the important process of selecting classes for their high school years. Students are encouraged to think carefully about the choices they make in selecting their courses, as the classes they select may affect their future opportunities, as well as their overall satisfaction with school. This guide has been prepared to assist students in making informed decisions concerning programs and course choices during their secondary years. The Scranton School District administration and faculty have assembled this guide to support this decision-making process.

The goal of the Scranton School District faculty and staff is to prepare students as thoroughly as possible for their next step in life, whether that step is admission to college, career and college readiness, immediate entry into the job market, entry into the military or another path. To achieve this goal, parents and students are urged to carefully review the information contained in this guide and to work closely with their school counselors to develop a four-year educational plan.

Our course reference guide contains most of the information students will need to know about our course offerings and educational opportunities. Current course descriptions along with the scope and sequence for each course can be found on the **Curriculum/Instruction** page located on the Scranton School District website under *Departments > Curriculum and Instruction* or by using

this link https://www.scrsd.org/academics/curriculuminstruction. All prerequisites are listed to ensure students have the appropriate level of skills required for each course. Classes with prerequisites are generally part of a sequence of courses. It is important to review the prerequisites because students who do not have the necessary qualifications will not be permitted to enroll in the course. With careful and thoughtful planning and strong communication, students will be well on their way to a successful career in the Scranton School District.

Purpose of Course Reference Guide

The planning process allows students to explore meaningful opportunities connected to their interests. The Scranton School District is committed to preparing students for success in the post-secondary endeavor of their choice. As they consider and explore their post-secondary options, we encourage students to examine their schedules in conjunction with their future plans. We also encourage students to strive to create opportunities to get involved and be connected with school and/or community activities. Remember that it is beneficial to have extra-curricular experiences on a resume. We want to make sure that our students enter college or the workforce with the knowledge and the skills needed to be successful.

The course reference guide provides a list of board-approved courses. Final decisions as to which courses and course sections are offered each year will be made in light of such factors as student enrollment, interest in particular courses and staffing constraints.

This guide also describes the Programs of Study offered by the Scranton School District. Students will find course selections which will prepare them for their future.

Certain courses are required of all students in the Scranton School District. Elective courses should be selected in cooperation with counselors and parents on the basis of individual interests, aptitudes, and skills. Students will be required to take seven credits each year. These should be selected carefully from course offerings for each grade.

Recommendations for student placement in courses depend on the following considerations:

A. Quality of scholastic work in high school as evidenced by school grades and instructors' evidence and recommendations.
B. Intellectual, emotional and social maturity of the student.

SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

SECTION 1: PLANNING THE HIGH SCHOOL PROGRAM

THE FOUR-YEAR PLAN

DIPLOMA PATHWAYS

There are five areas of concentration. A student may choose one area to follow based on what their post secondary goals are.

SCRANTON SCHOOL DISTRICT

Graduation Pathways

DIPLOMA PATHWAYS

STEAM Education

Area of Concentration: Arts/Mathematics/Science		Area of Concentration: Science/Technology/Engineering/ Mathematics/Medicine		Area of Concentration: College and Career Readiness		Area of Concentration: Career and Technical Education		Area of Concentration: Workforce Development	
Course	Units	Course	Units	Course	Units	Course	Units	Course	Units
English Language Arts	4	English Language Arts	4	English Language Arts	4	English Language Arts	4	English Language Arts	4
Mathematics	4	Mathematics	4	Mathematics	4	Mathematics	3	Mathematics	3
Science	4	Science	4	Science	3	Science	3	Science	3
Social Studies	3	Social Studies	3	Social Studies	3	Social Studies	3	Social Studies	3
Arts/Humanities	2	Arts/Humanities	2	Arts/Humanities	2	Arts/Humanities	2	Arts/Humanities	2
Health/Safety/PE	1	Health/Safety/PE	1	Health/Safety/PE	1	Health/Safety/PE	1	Health/Safety/PE	1
Electives: Locally Required	4	STEMM ELECTIVES	4	Electives: Locally Required	5	Vocational Shop/Trade Selection*	6	Workforce Dev. Placement	4
Up to 5 Extra Elective Credits		Up to 5 Extra Elective Credits		Up to 5 Extra Elective Credits		Up to 4 Extra Elective Credits		Electives: Locally Required*	2
								Up to 5 Extra Elective Credits	
ELECTIVES SELECTIONS		**ELECTIVES SELECTIONS**		**ELECTIVES SELECTIONS**		**ELECTIVES SELECTIONS**		**ELECTIVES SELECTIONS**	
Core Courses: - English/Language Arts (including English II-Literature) - Mathematics (including Algebra I) - Science (including Biology) - Social Studies **World Languages:** - Spanish 1-2-3-4 - French 1-2-3-4 - German 1-2-3-4 - Latin 1-2-3-4 **College and Career Ready** - SAT Prep - College Career Readiness **Fine Arts:** - Art 1-2-3-4 - Art Major 1-2-3-4 - Photography 1-2 - Chorus (Beg-Int-Adv) - Band (Beg-Int-Adv) - Strings (Beg-Int-Adv) - Computerized Music Lab - Speech/Drama 1-2-3-4 - Advanced Composition - Journalism - Creative Writing - College &Career Ready - TV Production - Native Speaking Spanish *CROSSOVER ELECTIVES ARE ACCEPTABLE		**Core Courses:** - Mathematics (including Algebra I) - Science (including Biology) **World Languages:** - Spanish 1-2-3-4 - French 1-2-3-4 - German 1-2-3-4 - Latin 1-2-3-4 **College and Career Ready** - SAT Prep - College Career Readiness **Business:** - Intro To Business - Small Business Management - Principles of Bus. Management - Business Acad/Computer - Accounting 1-2-3 **Industrial Arts** - Drafting 2-3-4 - Metal 2-3-4 - Technology 2-3-4 - Graphic Arts 2-3-4 - Electric 2-3-4 **Family and Consumer Science** **Computer Science** **STEMM Electives** *CROSSOVER ELECTIVES ARE ACCEPTABLE		**Core Courses** -English/Language Arts (including English II-Literature) -Mathematics (including Algebra I) -Science (including Biology) -Social Studies **World Languages:** -Spanish 1-2-3-4 -French 1-2-3-4 -German 1-2-3-4 -Latin 1-2-3-4 **College and Career Ready** -SAT Prep -College Career Readiness **Business:** -Business Acad/Computer **Industrial Arts** -Drafting 2-3-4 -Metal 2-3-4 -Technology 2-3-4 -Graphic Arts 2-3-4 -Electric 2-3-4 **Family and Consumer Science** -Money Management -Parenting -Foods 2-3-4 -Clothing 2-3-4 -Interior Design -Family Living *CROSSOVER ELECTIVES ARE ACCEPTABLE		*Choose from CTC Program Courses		*Choose from Columns 1-2-3 *CROSSOVER ELECTIVES ARE ACCEPTABLE	
Minimum Credits Reqd for Grad.	22	Minimum Credits Reqd for Grad.	22	Minimum Credits Reqd for Grad.	22	Minimum Credits Reqd for Grad.	22	Minimum Credits Reqd for Grad.	22
Maximum Credits Possible	27	Maximum Credits Possible	27	Maximum Credits Possible	27	Maximum Credits Possible (1 less due to CTC travel during junior & senior year)	26	Maximum Credits Possible	27

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DIPLOMA PATHWAYS/COURSES

The Scranton School District recognizes individual differences in its students. In an effort to increase student interest and success, ability and achievement *five* diploma pathways have been developed within our curriculum for students. Students may select from one of the following pathways:

1. **ARTS/MATH/SCIENCE (AMS)** - Designed to prepare a student for post-secondary education, particularly for college.
2. **SCIENCE/TECHNOLOGY/ENGINEERING/MATHEMATICS/MEDICINE (STEMM)** - Designed to prepare a student for post-secondary education, particularly for a college course of study in Mathematics or Science.
3. **COLLEGE & CAREER READY (CCR)** - Designed to prepare a student to be career & college ready.
4. **CAREER & TECHNICAL EDUCATION** - Attempts to provide students with a variety of different vocational area trades. Examples include but are not limited to carpentry, machine work, electricity, power, drafting, graphic arts, home economics etc.
5. **WORKFORCE DEVELOPMENT** - Designed to prepare a student for entry into the workforce.

ADVANCED PLACEMENT (AP)-Courses are offered in U.S. History, Biology, Chemistry, Physics, Government and Politics, English Composition and Literature, European History, Environmental Science, Computer Science, Psychology, Spanish and Calculus. These courses are designed to prepare students for the AP examinations and accelerated college courses.

HONORS (H)-Student selection for this program is based upon ability, standardized test scores, past grades, and teacher evaluations of creativity, interest and initiative.

REGULAR-This program serves students with diverse academic skills and goals.

LEARNING SUPPORT-This program serves students that have an IEP and will follow the regular curriculum with adapted course work. The adapted course work will meet the needs of the student's learning disabilities.

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GRADUATION REQUIREMENTS

Graduation Requirements - A minimum of 22 credits are needed for graduation

PA State Board of Education Graduation Requirements		Scranton School District Graduation Requirements			
		*Each area requires a minimum of 22 credits; however students have the option to elect up to 5 additional credits giving them a total of 27 credits.			
Credits: 21	Subject	Credits: 22-27			
		STEAM (2 areas)	College & Career	Career Technology Education	Workforce Development
		AMS / STEMM			
4	English	4	4	4	4
3	Mathematics	4	4	3	3
3	Science	4	3	3	3
3	Social Studies	3	3	3	3
2	Arts or Humanities or Both	2	2	2	2
1	Health/Safety/ Physical Education	1	1	1	1
5	Students select five additional courses from among those approved for credit toward graduation by the school including approved vocational education courses. STEMM students must enroll in STEMM Electives	4	5	6-CTC Program	2 4- Workforce Internship / Co-op
Total= 21		Minimum Total = 22	Minimum Total = 22	Minimum Total = 22	Minimum Total = 22
		Can elect up to 5 additional credits from core or non-core	Can elect up to 5 additional credits from core or non-core	Can elect up to 5 additional credits from core or non-core	Can elect up to 5 additional credits from core or non-core
		Maximum Total = 27	Maximum Total = 27	Maximum Total = 27	Maximum Total = 27

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GRADING SYSTEM

Range of Grades: 0 to 100

Minimum Passing Grade: 70

A+	**98 to 100**
A	**94 to 97**
A-	**90 to 93**
B	**86 to 89**
B-	**82 to 85**
C	**78 to 81**
C-	**74 to 77**
D	**70 to 73**
F	**Below 70 (Failing)**

FINAL AVERAGES

Final averages for full credit are calculated based upon in the table below:

	MP 1	MP 2	MP 3	MP 4	**Final Average**
Course	25%	25%	25%	25%	Sum MP-grades/4

CALCULATING G.P.A FOR EACH MARKING PERIOD

To calculate the final G.P.A. for a given year:

(1) Multiply the final grade for each full-year course by 1; multiply the final grade for each partial credit course by its value health (0.3/0.2), PE (0.2/0.15), safety (0.1) and swim (0.05).

(2) Add all of the resulting numbers and divide the total by the number of credits attempted for the given year.

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HIGH SCHOOL TRANSCRIPT

A student's high school transcript is a working record of student performance. Essentially, there are two types of transcripts: a College Transcript, which is a transcript that is sent and reviewed by college officials for admissions or scholarship purposes, and a Final Transcript, which is the culmination of all relevant information at the end of the student's high school career. The Final Transcript is securely maintained by the Scranton School District Guidance Department for a period of one year and then the transcript will be sent to Central Registration indefinitely. Students and parents should be aware that certain information will always be included on the transcript. Such information includes course title, final grade, credits earned, and grade point average. A student's cumulative grade point average is calculated quarterly. This information will be included on the student transcript. The eighth semester cumulative grade point average will appear on the Final Transcript. The student's transcript is a record of his/her academic and attendance history throughout high school. The transcript includes the final grade for each course. Colleges, universities and employers often request a copy of the student's transcript.

HONORS/AP POLICY

The Scranton School District offers a broad program of subjects which allows a student to elect courses based upon individual abilities, achievements, and goals within the limit of requirements for graduation. The program operates on three levels—Regular (R), Honors (H), and Advanced Placement (AP). Placement in level courses comes from teacher recommendations and counseling assistance. Honors and Advanced Placement courses are available for students who meet the Board Approved Criteria for Admission to Honors and AP Courses.

Criteria for Admission to Honors and AP Courses		
Regular to Honors	**Honors to Honors**	**Honors to AP**
5 out of 6 criteria must be met for placement	5 out of 6 criteria must be met for placement	5 out of 7 criteria must be met for placement
• Proper Prerequisites- all preceding courses in the curriculum pathway have been successfully met	• Proper Prerequisites- all preceding courses in the curriculum pathway have been successfully met	• Proper Prerequisites- all preceding courses in the curriculum pathway have been successfully met
• Scores of Proficient or better on the *subject related* Keystone exams	• Scores of Proficient or better on the *subject related* Keystone exams	• Scores of Proficient or better on the *subject related* Keystone exams
• Course grade of 95 or better	• Course grade of 88 or better	• Course grade of 90 or better
• Teacher Recommendation (In case of Honors Chemistry or Physics, the recommendation of both the science and mathematics teacher is necessary.)	• Teacher Recommendation (In case of Honors Chemistry or Physics, the recommendation of both the science and mathematics teacher is necessary.)	• Teacher Recommendation (In case of Honors Chemistry or Physics, the recommendation of both the science and mathematics teacher is necessary.)
• Counselor Recommendation	• Counselor Recommendation	• Counselor Recommendation
• Parent Signature	• Parent Signature	• Parent Signature

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It is the policy of the Scranton School District that no student may drop an AP/Honors course once it has been selected. Due to the limited number of students invited to participate in upper level courses, scheduling of times and personnel require parental agreement to remain in the course. **There will be no drop period once the fall semester begins.**

Students are guaranteed a minimum grade of 88% for the first marking period - **except in most unusual circumstances.** After the first marking period, the grade will be as earned with an Honors/AP curve applied. If a student cannot maintain an average grade of 88% in the course, the teacher has the authority to place the student into a regular section of the course. Such transfers will be made at the end of the first quarter and with the recommendation of the teacher and school counselor. Course selection sheets do require signatures indicating acceptance of these terms.

ADVANCED PLACEMENT (AP) COURSES

The Scranton School District offers AP Courses in 12 different subject areas. AP courses offer competitive advantage in college admissions, greater course depth, and preparation for college-level work. Upon completion of these courses, students should be prepared to earn college credits by taking the National Advanced Placement Exams. AP courses are offered based upon instructor availability and student interest; some AP courses may not be offered every year.

AP Biology	AP European History
AP Calculus (AB)	AP Physics I
AP Chemistry	AP Psychology
AP Computer Science (A)	AP Spanish Language
AP English - Literature and Composition	AP United States Government & Politics
AP Environmental Science	AP United States History

CLASS RANK (WEIGHTED)

All subjects evaluated with numerical grades are included for ranking purposes. Honors classes (5%) and Advanced Placement classes (8%) are weighted in determining class rank

HONOR ROLL

Students with an 89.5% average or better for the current marking period (quarter)will be eligible for an honor roll status. Students must also successfully pass all subjects and must not receive any incomplete grades in order to receive this distinction. All courses graded on a numerical basis will be used in calculating the honor roll status each quarter.

NATIONAL HONOR SOCIETY

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The Scranton School District has maintained a chapter of the National Honor Society since 1921. The chapter is very active in supporting, serving, and financing projects in the school and community. The minimum ***cumulative*** grade point average (GPA) required for ***provisional*** (after 3rd marking period of a student's ***junior*** year) and ***full*** (official) (after 3rd marking period of a student's ***senior*** year) membership into ***THE NATIONAL HONOR SOCIETY*** is 92%. Students must also successfully pass all courses and must not receive any incomplete grades in order to receive this distinction. Students are selected for membership on the basis of four characteristics established by the national organization and must satisfactorily meet and possess ***Character, Scholarship, Leadership and Service*** as part of the requirements of the National Honor Society.

PROMOTION POLICY

Purpose

The Board recognizes that the emotional, social, physical and educational development of students will vary and that students should be placed in the educational setting most appropriate to their needs. The district shall establish and maintain academic standards for each grade and monitor individual student achievement in a continuous and systematic manner.

Authority

The Board establishes that each student shall be moved forward in a continuous pattern of achievement and development that corresponds with the student's progress, system of grade levels, and attainment of the academic standards established for each grade.[1][4][8][9]
A student shall be promoted when s/he has successfully completed the curriculum requirements and has achieved the academic standards established for the present level, based on the professional judgment of the teachers and the results of assessments. A student shall earn the right to advance to the next grade by demonstrating mastery of the required skills and knowledge.[1][4][5]

A student must satisfactorily complete a total of four (4) credits in order to progress from grade 9 to grade 10. A student must satisfactorily complete a total of nine (9) credits in order to progress from grade 10 to grade 11. A student must satisfactorily complete a total of fifteen (15) credits in order to progress from grade 11 to grade 12.

Promotion on Advisement

An alternative to retention is promotion on advisement. This approach is to be used when a student is achieving significantly below grade level and when retention shall be judged to cause an undue social or emotional adjustment or when retention would not have a reasonable chance of benefiting the child's overall development. Promotion on advisement shall not be considered for the student who is in his/her present grade assignment as a result of a promotion on advisement.

NAF HEALTH SCIENCES ACADEMY

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NAF's Academy of Health Sciences addresses the critical achievement gap in STEM fields by developing a pipeline of students prepared to pursue health-related degrees and professions. NAFTrack Certification validates successful course completion, projects, and internships. By receiving a passing score on end-of-course exams and satisfactory scores on culminating project and internship assessments, students earn NAFTrack Certification - signifying to post-secondary institutions and employers that they are both college and career ready.

SCRANTON SCHOOL DISTRICT SUMMER CYBER SCHOOL PROGRAM

1. Credit Recovery Courses

Students who have failed major courses during the school year will be allowed to make up as many as two (2) credits in the Scranton School District Summer Cyber School utilizing the APEX Learning system.

2. Enrichment Courses

Students may choose to enroll in high school enrichment programs during the Scranton School District Summer Cyber School Program. Enrichment courses are intended for students who wish to preview a course which they will take, to learn more about a subject which they have taken and passed, or to explore a new era.

3. Credit Courses

Courses for Credit are courses for full credit, work expectations are intense.

KEYSTONE EXAM INFORMATION

This section outlines basic information pertaining to the Keystone Exams, including: grade level of Keystone Exam administration, retest scenarios, and next assigned course for students scoring in the basic or below basic scoring category. All courses requiring end of course Keystone testing are identified with "Keystone" in the course name. Keystone Exams in Literature, Algebra I, and Biology serve a dual purpose as both graduation requirements and for state accountability as required under federal law.

Keystone End of Course Exams:

Keystone Exam	Current Course	Grade Tested	Testing Window	Next Course Assigned
Literature	English 2 Keystone	10	Spring	English 3
Algebra	Algebra I Keystone (Middle School)	8	Spring	Geometry

Algebra	Algebra I Keystone (High School)	9, 10 or 11 depending on student grade level	Spring	Geometry
Biology	Biology Keystone	10	Spring	Chemistry or general practical science

Keystone Retest Scenarios:

Keystone Exam	Current Course	Testing Window
Literature	English 3	Winter and/or Spring Administration
Algebra	Geometry	Winter and/or Spring Administration
Biology	Chemistry or general practical science	Winter and/or Spring Administration

New students enrolled in the district, who have not taken the Keystone Exams, will be assigned to a testing window (winter or spring).

TESTS REQUIRED FOR GRADUATION - ACT 158 (effective class of 2023)

If a student does not reach proficiency score or composite proficiency score on Keystone Exams, they will be required to meet their graduation requirements by means of meeting one of three alternate evidence based pathways of success.

For students graduating in 2023 and beyond, the following options exist to meet the statewide graduation requirement:

- **KEYSTONE PROFICIENCY PATHWAY 1:**

Students achieving a minimum scaled score of 1500 or better (or who qualify for non-numeric scores of Proficient) in each of the three Keystone Exams meet the Keystone Proficiency statewide requirements for high school graduation

- **KEYSTONE COMPOSITE PATHWAY 2:**
    - **4452 COMPOSITE SCORE**: Earning a satisfactory composite score (4452) on the Algebra I, Literature, and Biology Keystone Exams (while achieving at least one proficient/advanced score and no score of below basic on the remaining two).
    - **2939 COMPOSITE SCORE**: Earn one non-numeric Proficient in a Keystone Exam (Alg. I, Bio or Lit.) Pursuant to Act 136 of 2020.
        - Successfully complete locally established, grade-based requirements for each Keystone content area in which the student earned a score of Basic.
        - Need two numerical scores for all Keystone Exams (Alg. I, Bio & Lit) that total 2939 or greater that includes at least one Proficiency score or better and no score of Below Basic.
- **ALTERNATE ASSESSMENT PATHWAY:**

Successful completion of locally established grade-based requirements for academic content areas associated with each Keystone Exam on which the student did not achieve proficiency **and** one of the following:

- Attainment of an established alternate assessment (SAT, PSAT, ACT, ASVAB);
- Gold Level on the ACT WorkKeys Assessment;
- Attainment of an established score on an Advanced Placement Program or an International Baccalaureate Diploma Program exam in an academic content area associated with the Keystone Exam in which the student did not achieve at least a proficient score;
- Successful completion of a concurrent enrollment course in an academic content area associated with each Keystone Exam in which the student did not achieve at least a proficient score;
- Successful completion of a pre-apprenticeship program; or
- Acceptance in an accredited 4-year nonprofit institution of higher education and evident of the ability to enroll in college-level coursework.

- **EVIDENCE BASED PATHWAY:**

Successful completion of locally established grade-based requirements for academic content areas associated with each Keystone Exam on which the student did not achieve proficiency and demonstration of three pieces of evidence consistent with the student's goals and career plans including

- **One of the following**:
    - Attainment of an established score on the ACT WorkKeys assessment, a SAT subject test, and Advanced Placement Program Exam, or an International Baccalaureate Diploma Program Exam;
    - Acceptance to an accredited nonprofit institution of higher education other than a 4-year institution and evidence of the ability to enroll in college-

level coursework;
- Attainment of an industry-recognized credential; or
- Successful completion of a concurrent enrollment or postsecondary course; **and**

- **Two additional pieces of evidence**:
  - Including one or more of the options listed above, or: satisfactory completion of a service learning project; attainment of a score or proficient or advanced on a Keystone Exam; a letter guaranteeing full-time employment; a certificate of successful completion of an internship or cooperative education program; or satisfactory compliance with the NCAA's core courses for college-bound student athletes with a minimum grade point average (GPA) of 2.0.

- **CTE PATHWAY:**
  For Career and Technical Education (CTE) Concentrators, successful completion of locally established grade-based requirements for academic content areas associated with each Keystone Exam on which the student did not achieve proficiency and attainment of an industry-based competency certification related to the CTE Concentrator's program of study or demonstration of a high likelihood of success on an approved industry-based competency assessment or readiness for continued meaningful engagement in the CTE Concentrator's program of study.

PLANNING YOUR SCHOOL PROGRAM
(Steps in Planning)

The chosen program of study can lead to a successful and meaningful high school career. It will determine how well a student is prepared for college entrance, obtaining employment or achieving other post-secondary goals. Here are the steps students should follow:

1. Establish personal goals.
2. Honestly evaluate personal strengths, interests, aptitudes and needs.
3. Research requirements for admission to colleges or schools of interest.
4. Research requirements for employment in the type of work desired after graduation.
5. As a junior, schedule visits to colleges, technical schools, or places of employment.
6. Consult with parents, talk with teachers, and confer with school counselors to gather information and get the benefit of their experience.
7. Ultimately select the subjects that will contribute toward achieving those goals.

SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

GUIDELINES FOR PROGRAM PLANNING
(Guide to Course Selection)

In selecting your courses for the next school year, please keep in mind the following requirements and procedures:

1. A student may select up to nine elective course credits in grades 9 through 12; physical education is required of all students during grades 9 and 10.
2. Study descriptions of subjects and **pay special attention to the prerequisites for certain courses.** *(See SSD Curriculum/Instruction web page for descriptions and prerequisites.)*
3. Students should follow teacher recommendations for course-level placement and select elective courses appropriate to their post-high school plans.
4. Students taking three or more honors or advanced placement courses during one school term should consider time constraints and workload for each course.
5. Yearly course selection sheets will require parental approval and signature.

We realize that there may be preference for specific teachers, study hall periods, and lunch periods. Please understand that we are limited in our ability to make requested schedule changes by the number and availability of courses offered and class size. Requests for teacher, lunch, study hall, etc. will not be honored. Once the school year starts, schedules will not be changed. Our top priority is to ensure that all of our students have the required courses at the most challenging levels that are appropriate for their abilities.

The Guidance Department will answer questions about course options and career planning. Please contact the Guidance Office with any questions regarding the scheduling process.

SECTION 2: DUAL ENROLLMENT

DUAL ENROLLMENT

The Scranton School District has partnerships in agreement with local colleges to offer dual enrollment opportunities for our students. Students may choose to enroll in classes which have been designated by Lackawanna College, Keystone College, Luzerne County Community College (LCCC) and Johnsons College that will allow students to earn college credit while taking class at SHS and WSHS at a nominal fee. The cost and grade requirement will vary with each institution.

General Dual Enrollment Requirements:

- Dual enrollment courses should all be taken in Grade 10 or above
- Lab components are required for Science courses to meet dual enrollment requirements.

SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

- Scranton School District courses meet the learning objectives as stated in each catalog of the institutions that have an agreement in place using identical or comparable course materials and assessments.

LACKAWANNA COLLEGE	
COST $250 FOR A 3 CREDIT COURSE/$335 FOR A 4 CREDIT COURSE-MINIMUM FINAL GRADE REQUIRED IN COURSE-80% (or better). 12 CREDITS ALLOWED PER ACADEMIC YEAR	
LC Course	**SSD Course**
College Writing	AP English/Adv. Composition/Career & College Readiness
Intro to Literature	English 3 Reg. & Honors
Intro to Psychology	Sociology/Psychology & AP Psychology
US History II	AP US History/US History 2 Reg & Honors
American Government	AP US Government and Politics/US Government & Law Reg. & Honors
World History	AP European History
Biology I/Lab-4 Cr.	AP Biology
General Chemistry I/Lab-4 Cr.	AP Chemistry
General Physics I/Lab-4 Cr.	Physics Reg. & AP
Environmental Science/Lab-4 Cr.	AP Environmental Science
Precalculus-4 Cr.	Precalculus Reg. & Honors
Calculus-4 Cr.	Calculus Reg.,Honors & AP
Intro to Statistics and Data Analysis	Statistics and Probability
Elementary Spanish I	AP Spanish

KEYSTONE COLLEGE	
COST $100 PER CREDIT- FINAL GRADE REQUIRED IN COURSE-78%(or better)	
Keystone College Course	**SSD Course**
Human Anatomy and Physiology-4 Cr.	Human Physiology Honors
Environmental Science	AP Environmental Science
General Biology I-4 Cr.	AP Biology
General Biology II-4 Cr.	AP Biology
General Chemistry I-4 Cr.	AP Chemistry
General Chemistry II-4 Cr.	AP Chemistry
College Writing II	AP English
Western Civilization	AP European History
US History I	AP US History
US History II	AP US History
Calculus I-4 Cr.	AP Calculus
General Physics I-4 Cr.	AP Physics
General Physics II-4 Cr.	AP Physics
American and National Government	AP US Government and Politics
Elementary Spanish I	Spanish 3
Elementary Spanish II	Spanish 4
Statistics	Statistics
College Writing II	English III Honors

Western World Literature	English IV Honors
Speech Communications	Speech & Drama I

JOHNSON COLLEGE	
COST $100 PER CREDIT- FINAL GRADE REQUIRED IN COURSE-80%(or better)	
Johnson College Course	**SSD Course**
Introduction to Algebra	Algebra II/Trig Honors
Trigonometry	Trigonometry
College Algebra II & Trigonometry	Precalculus Honors
Introduction to Physics	AP Physics
Fundamentals of Chemistry & Lab	AP Chemistry
English Composition	Advanced Composition
Industry Communication	Career & College Readiness
General Psychology	AP Psychology
LUZERNE COUNTY COMMUNITY COLLEGE	
Luzerne County Community College Course	**SSD Course**
Survey of Mathematics	College Readiness Mathematics

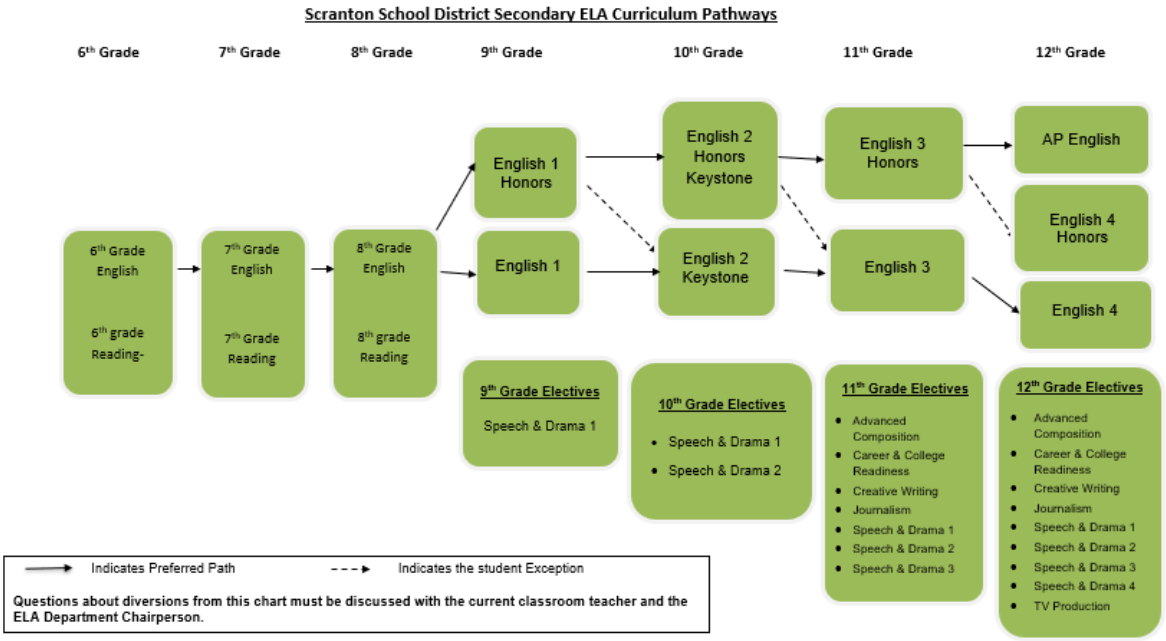
SECTION 3: USING CAREER PATHWAYS AS A PLANNING GUIDE

DEFINITION OF CAREER PATHWAY

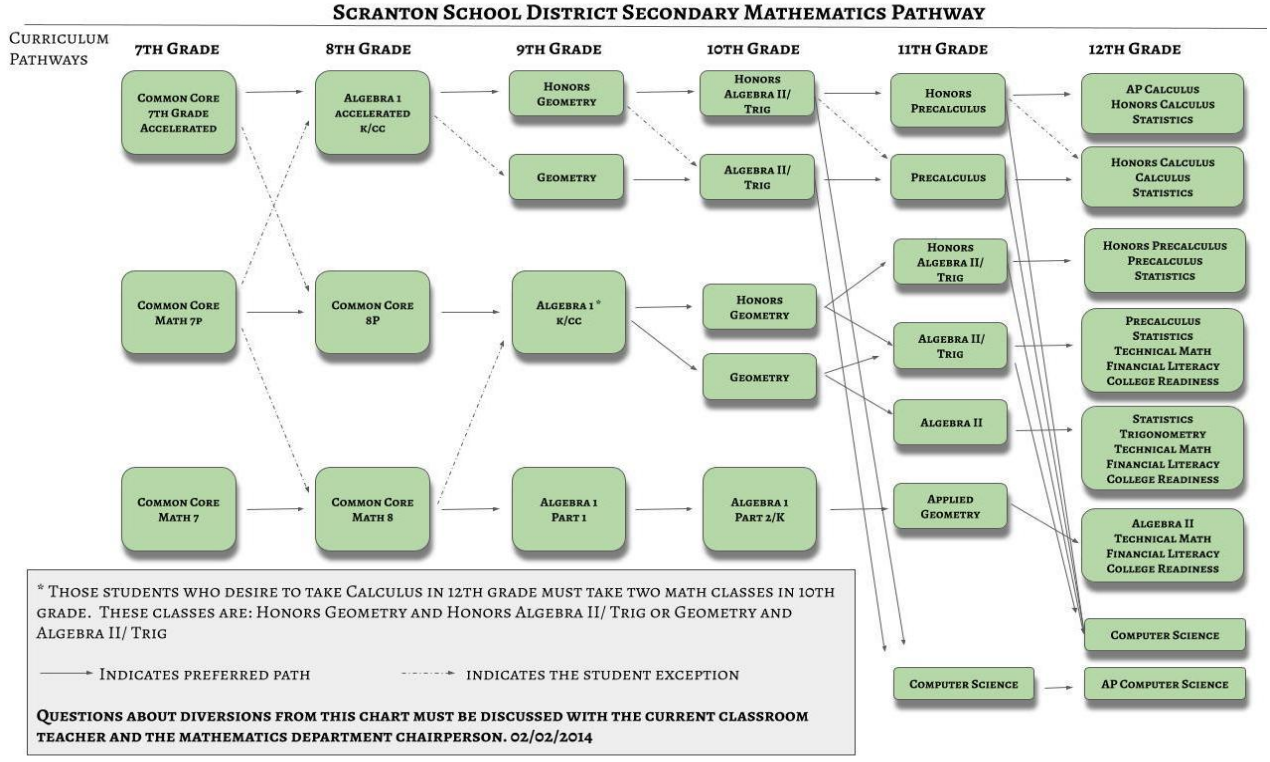
A Career Pathway is a guided sequence of courses by grade level for a specific academic discipline based on the Scranton School District core curriculum.

ENGLISH LANGUAGE ARTS PATHWAY

SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

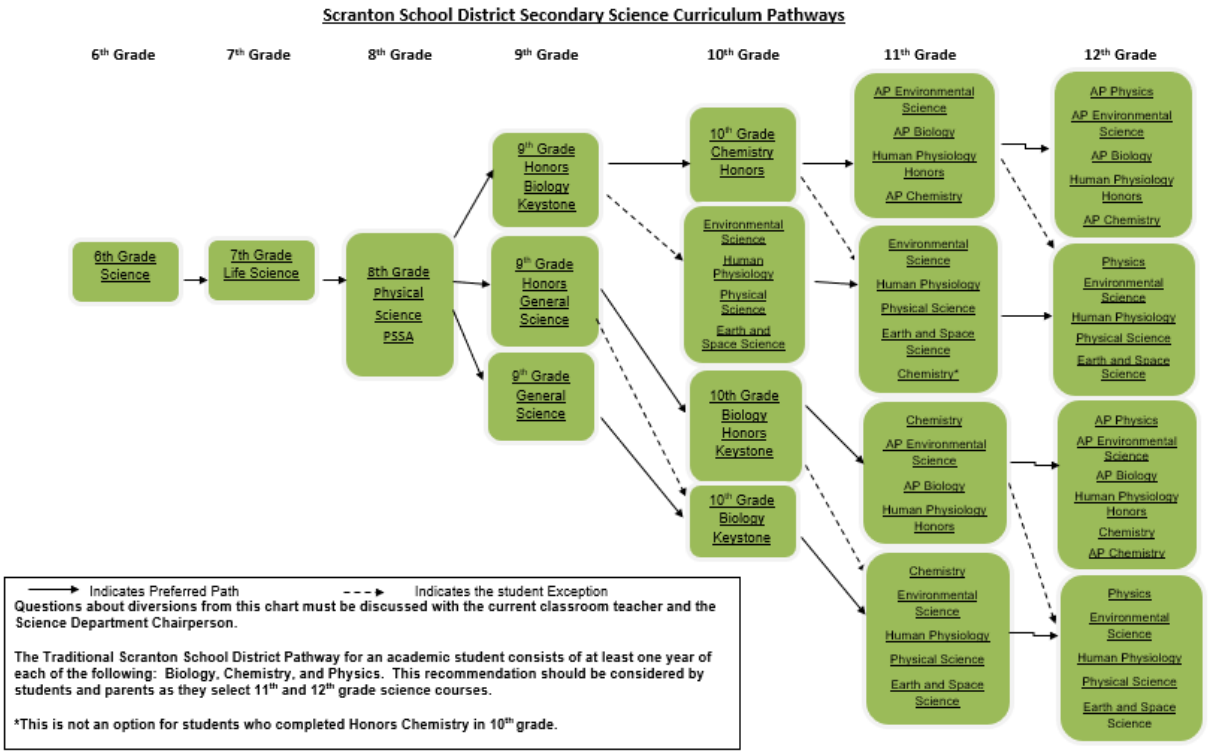


MATHEMATICS PATHWAY

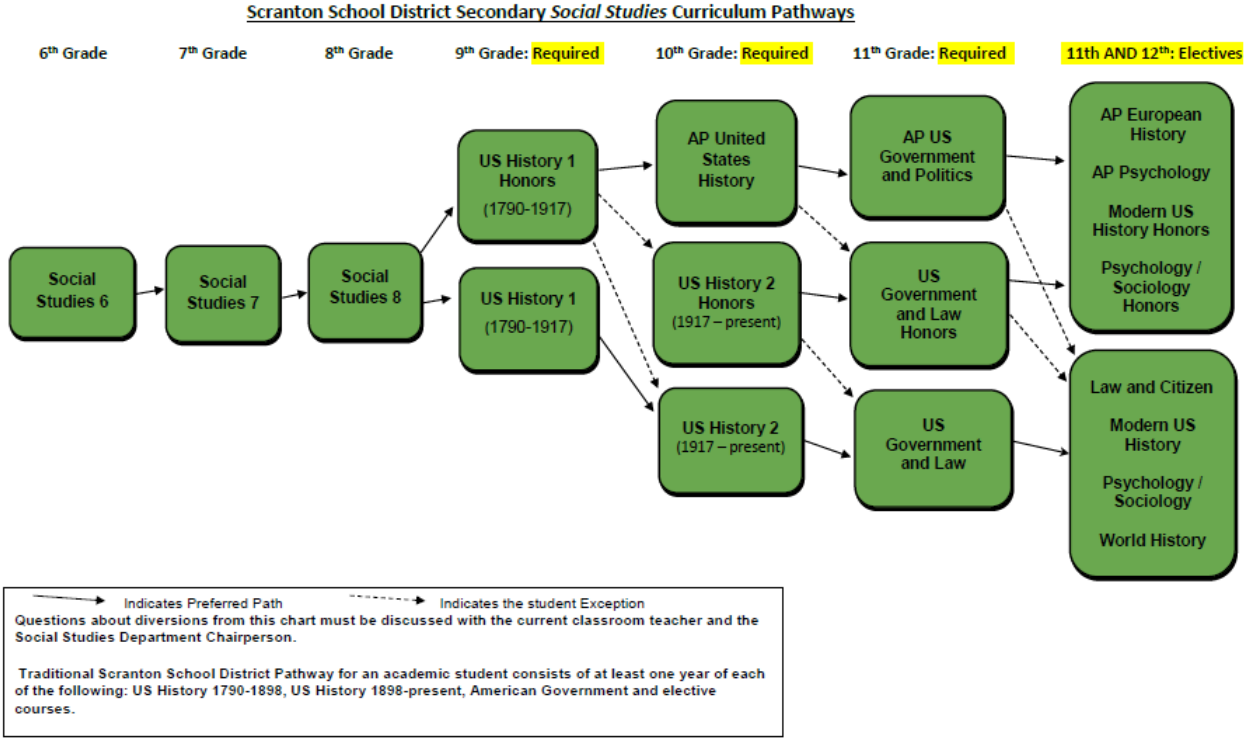


SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

SCIENCE PATHWAY



SOCIAL STUDIES PATHWAY



SCRANTON SCHOOL DISTRICT
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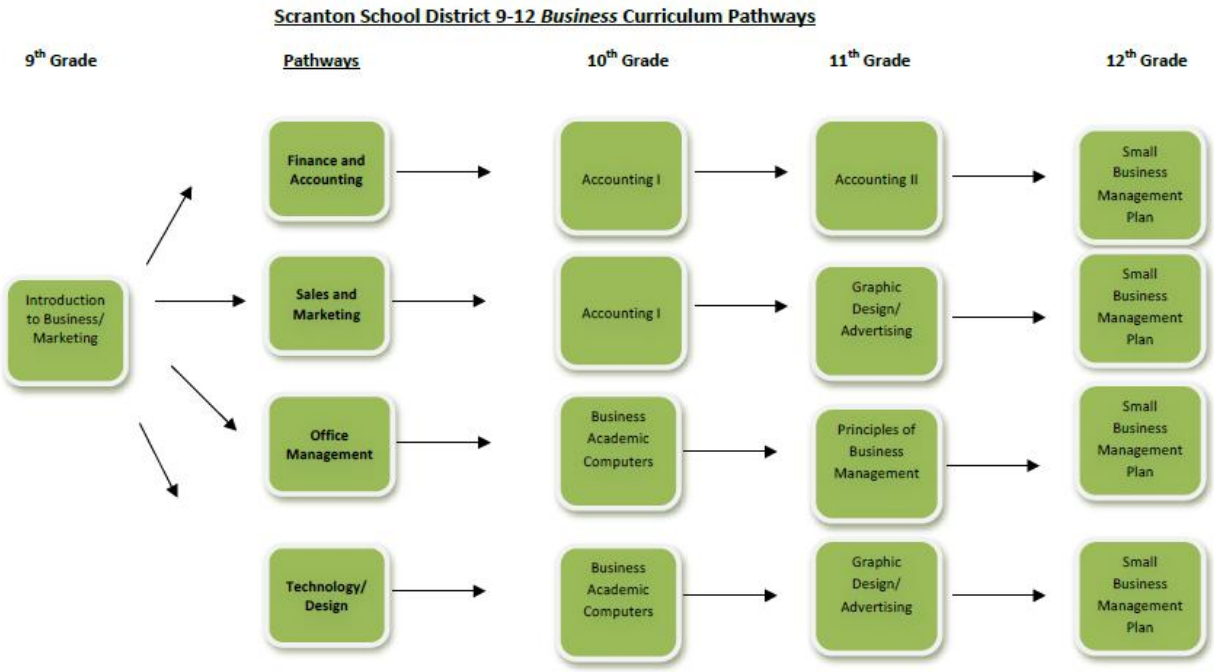
BUSINESS PATHWAY



SECTION 4: SCRANTON SCHOOL DISTRICT STEMM ACADEMY

Scranton School District
STEMM Academy
at Scranton High School

The Scranton School District STEMM Academy is an all-day program with pathways in Computer Science, Engineering, and Medicine, located at Scranton High School. Any student in the city of Scranton in grades 7-12 is eligible to take part in the application process, as space is limited.

Courses are geared toward phenomenon and project-based learning with focuses on STEMM (Science, Technology, Engineering, Mathematics, and Medical) topics. Students will be continuously presented with real-world problems and through the process of questioning, research, and iteration, students develop skills in critical thinking, collaboration, and leadership that are necessary for success beyond the classroom.

The STEMM academy offers unique opportunities for:

- Teamwork
- Technology Skills
- Problem Solving & Innovation
- Project Management Skills

SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

Listed below are the two major goals for the STEMM Academy.

1. Offer the strongest possible academic background through a stimulating academic environment and a challenging, rigorous curriculum that is student-centered and focused on project-based learning.
0. To be the regional leader in STEMM education by offering cutting edge technology, flexible learning spaces, and student engagement through community outreach projects

Pathway Choices
(Selected After 8th Grade)

Engineering
Health Science (Medical)
Computer Science

Current course descriptions along with the scope and sequence for each course can be found on the **Curriculum/Instruction** page located on the Scranton School District website under *Departments > Curriculum and Instruction* or by using this link https://www.scrsd.org/academics/curriculuminstruction.

Scranton STEMM Academy Policy

Intermediate students who are accepted and enrolled in the STEMM Academy will be eligible to participate in all co-curricular activities, PIAA Athletic Junior High Programs (extracurricular), academic, and social activities at their home school (based on their registered address). Student achievement scores will also be attributed to their home school.

When a student enrolled in the STEMM Academy **enters 9th grade**, students whose home school would be West Scranton High School will be given a one-time opportunity, **in 9th grade**, to select for which high school's co-curricular, PIAA Freshman, JV or Varsity level Athletic Programs (extracurricular), academic, and social activities they wish to participate. Once selected, the student will be locked into that choice for the remainder of their high school career. This choice will be for all co-curricular, PIAA Freshman, JV or Varsity level Athletic Programs (extracurricular), academic and social activities that the student is eligible to participate in. **For state reporting purposes only, student achievement scores will be attributed to their home school regardless of the student's school choice**.

All students within Scranton High School's boundaries will participate in co-curricular, PIAA Freshman, JV or Varsity level Athletic Programs (extracurricular), and social activities at Scranton High School only!

If a student whose home school would be West Scranton High School, leaves or is dismissed from the STEMM Academy due to falling short of expectations, the student will then return to West Scranton High School and be eligible for co-curricular, PIAA JV or Varsity level Athletic Programs (extracurricular), and social activities for West Scranton High School only!

SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

PIAA GUIDELINES:

7TH, 8TH GRADE JUNIOR HIGH PIAA ATHLETIC PROGRAMS

Includes: Softball, Baseball, Boys & Girls Basketball.

Students who are accepted and enrolled in the STEMM Academy, and who are interested in participating and are eligible to join PIAA Athletic Programs (extracurricular) at the Junior High level will participate in those athletics at their home school (based on their registered address).

7TH, 8TH GRADERS PARTICIPATING IN FRESHMAN PIAA ATHLETIC PROGRAMS

Includes: Cross-Country, Football, Boys and Girls Basketball, Wrestling and Boys and Girls Track & Field.

Students who are accepted and enrolled in the STEMM Academy, and who are interested in participating and are eligible to join PIAA Athletic Programs (extracurricular) at the Freshman level will participate in those athletics at their *next year building of residence (see below)*.

Northeast Intermediate School students would be eligible to participate at Scranton High School.

South Intermediate School students would be eligible to participate at either Scranton High School or West Scranton High School based on the location of their registered address.

West Scranton Intermediate School students would be eligible to participate at West Scranton High School.

9TH GRADERS PARTICIPATING IN FRESHMAN PIAA ATHLETIC PROGRAMS

Includes: Cross-Country, Football, Boys and Girls Basketball, Wrestling and Boys and Girls Track & Field.

9TH, 10TH, 11TH, 12TH GRADE JV AND VARSITY PIAA ATHLETIC PROGRAMS

Includes: Football, Tennis, Wrestling, Soccer, Cross-Country, Boys and Girls Tennis, Boys and Girls Basketball,
Boys and Girls Swimming and Diving, Softball, Baseball and Boys and Girls Track & Field.

When a student is enrolled in the STEMM Academy and is eligible to participate at the Freshman, JV or Varsity level for PIAA Athletic Programs (extracurricular), students whose home school would be West Scranton High School will be given a one time opportunity **in 9th grade** to select for which high school's athletic programs they will participate. Once selected the student will be locked into that choice for the remainder of their PIAA Freshman, JV or Varsity athletic career. If a student whose home school would be West Scranton High School is dismissed from the STEMM Academy due to falling short of expectations the student will then return to West

Scranton High School and be eligible for PIAA Athletic Programs for West Scranton High School only! This choice will be for all PIAA athletics that the student is eligible to participate in.

All students within Scranton High School's boundaries will participate in PIAA athletics at Scranton High School only.

SECTION 5: SSD CYBER ACADEMY

SCRANTON CYBER ACADEMY

The Scranton School District believes the way we view traditional schooling is changing and opportunities for learning in today's technologically connected world should be available at all times in many ways. The District also understands the desire of some students and parents to pursue an educational route that could be considered non-traditional, but is becoming more prevalent as technology provides more learning opportunities. In an effort to create a culture of educational opportunity within the legal entitlement of a public-school education, the Scranton School District has created a variety of learning opportunities for students. Many of these courses take place in an online forum and can be accessed from any internet connection. It is the intention of the District to offer these on-line options for students while ensuring the quality and integrity of curriculum that has exemplified the tradition of excellence our students have enjoyed. Ideally, every student living in the Scranton School District will find an opportunity to complete a rigorous and relevant education within the relationship that community school provides. Current course descriptions along with the scope and sequence for each course can be found on the **Curriculum/Instruction** page located on the Scranton School District website under *Departments > Curriculum and Instruction* or by using this link https://www.scrsd.org/academics/curriculuminstruction.

SECTION 6: CAREER AND TECHNICAL EDUCATION

CAREER TECHNOLOGY EDUCATION

Career technology education supplements and complements the educational program offered at Scranton and West Scranton High Schools. The Career Technology Center must utilize a broadly organized curriculum to meet current and anticipated needs in our society. Thus, a three-tract educational program, namely, a technical level, a skilled level, and an operational level is offered. Each of the three levels offers various options to students. They may find employment upon graduation, pursue post-secondary vocational and technical training, or go on to college depending upon the program and courses they have chosen.

A student must have satisfactorily completed the ninth grade to apply for admission to the Career Technology Center of Lackawanna County.

Students who are admitted to the Career Technology Center programs will spend a half-day at their home school and a half-day at the Career Technology Center with transportation provided by the home school. Academic subjects will be taught in the home school while the Career Technology Center will provide instruction in career technology practice and techniques.

SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

CAREER TECHNOLOGY CENTER COURSES**

Electrical
Co-Op
Comp Systems/Networking
Collision Repair
Auto Tech
Building Maintenance
Carpentry
Protective Services
Cybersecurity/Computer
Cosmetology
Culinary
Illustration & Design
Digital Comm Design
Plumbing
HVAC
Services Occupation
Masonry
Welding
Child Development
Graphics
Health/Medical Assisting
Medical/Clinical Assisting
Automated Manufacturing Technology

** Current course descriptions can be found on the Career Technology Center of Lackawanna County website > Programs or at the following: ctclc.edu

SCRANTON SCHOOL DISTRICT
COURSE REFERENCE GUIDE

Section 7: Current SSD Courses Offered for High School Students

DEPT	COURSE	DEPT	COURSE	DEPT	COURSE
ART	ART 1	HIST/SS	AP US GOVERNMENT AND POLITICS	MUS	CHORUS CHAMBER INT
ART	ART 2	HIST/SS	AP US HISTORY	MUS	CHORUS SHOW ADV
ART	ART 3	HIST/SS	LAW AND CITIZEN	MUS	MUSIC THEORY / PIANO 1
ART	ART 4	HIST/SS	MODERN US HISTORY	MUS	MUSIC THEORY / PIANO 2
ART	ART MAJOR 1	HIST/SS	MODERN US HISTORY HONORS	MUS	STRINGS BEG
ART	ART MAJOR 2	HIST/SS	MODERN US HISTORY HONORS Cyber	MUS	STRINGS INT
ART	ART MAJOR 3	HIST/SS	SOCIOLOGY/PSYCHOLOGY	MUS	STRINGS ADV
ART	ART MAJOR 4	HIST/SS	US GOVERNMENT AND LAW	PE/H	HEALTH I-II
ART	PHOTOGRAPHY 1	HIST/SS	US GOVERNMENT AND LAW HONORS	PE/H	HEALTH I-II NAF
ART	PHOTOGRAPHY 2	HIST/SS	US HISTORY 1	PE/H	HEALTH III-IV
BUS	ACADEMIC/BUSINESS COMPUTERS	HIST/SS	US HISTORY 1 HONORS	PE/H	HEALTH III-IV NAF
BUS	ACCOUNTING 1	HIST/SS	US HISTORY 2	PE/H	PHYSICAL EDUCATION 1
BUS	ACCOUNTING 2	HIST/SS	US HISTORY 2 HONORS	PE/H	PHYSICAL EDUCATION 1 NAF
BUS	COMPUTER SKILLS	HIST/SS	WORLD HISTORY	PE/H	PHYSICAL EDUCATION 2
BUS	CO-OP TECHNOLOGY	HIST/SS	WORLD HISTORY HONORS	PE/H	PHYSICAL EDUCATION 2 NAF
BUS	CO-OP WORK EXPERIENCE	LANG	FRENCH 1	PE/H	PHYSICAL EDUCATION 3
BUS	INTRODUCTION TO BUSINESS	LANG	FRENCH 2	PE/H	PHYSICAL EDUCATION 4
BUS	PRINCIPLES OF BUSINESS MANAGEMENT	LANG	FRENCH 3	PE/H	SAFETY
BUS	SMALL BUSINESS MANAGEMENT/PLAN	LANG	FRENCH 4	PE/H	SAFETY NAF
BUS/ART	GRAPHIC DESIGN - ADVERTISING (BUS/ART)	LANG	GERMAN 1	PE/H	SWIMMING
COMM	COMMUNICATION BLOCK	LANG	GERMAN 2	PE/H	SWIMMING NAF
ELA	ADVANCED COMPOSITION	LANG	GERMAN 3	SCI	AP BIOLOGY
ELA	AP ENGLISH LITERATURE AND COMPOSITION	LANG	GERMAN 4	SCI	AP CHEMISTRY
ELA	COLLEGE & CAREER READINESS	LANG	LATIN 1	SCI	AP ENVIRONMENTAL SCIENCE
ELA	CREATIVE WRITING	LANG	LATIN 2	SCI	AP PHYSICS
ELA	ENGLISH 1	LANG	LATIN 3	SCI	BIOLOGY KEYSTONE
ELA	ENGLISH 1 HONORS	LANG	LATIN 4	SCI	BIOLOGY KEYSTONE HONORS
ELA	ENGLISH 2 KEYSTONE	LANG	NATIVE SPEAKING SPANISH 1	SCI	CHEMISTRY
ELA	ENGLISH 2 HONORS KEYSTONE	LANG	NATIVE SPEAKING SPANISH 2	SCI	CHEMISTRY HONORS
ELA	ENGLISH 3	LANG	SPANISH 1	SCI	EARTH AND SPACE SCIENCE
ELA	ENGLISH 3 HONORS	LANG	SPANISH 2	SCI	ENVIRONMENTAL SCIENCE
ELA	ENGLISH 4	LANG	SPANISH 3	SCI	GENERAL SCIENCE
ELA	ENGLISH 4 HONORS	LANG	AP SPANISH	SCI	GENERAL SCIENCE HONORS
ELA	JOURNALISM	MATH	ALGEBRA I KEYSTONE	SCI	HUMAN PHYSIOLOGY
ELA	JOURNALISM 2	MATH	ALGEBRA I PART 1	SCI	HUMAN PHYSIOLOGY HONORS
ELA	SPEECH / DRAMA 1	MATH	ALGEBRA I PART 2 KEYSTONE	SCI	PHYSICAL SCIENCE
ELA	SPEECH / DRAMA 2	MATH	ALGEBRA II	SCI	PHYSICS
ELA	SPEECH / DRAMA 3	MATH	ALGEBRA II / TRIGONOMETRY	TECH ED	DRAFTING 2
ELA	SPEECH / DRAMA 4	MATH	ALGEBRA II / TRIGONOMETRY HONORS	TECH ED	DRAFTING 3
ELA	TELEVISION PRODUCTION	MATH	APPLIED GEOMETRY	TECH ED	DRAFTING 4
ELD	ELD ADVANCED	MATH	CALCULUS	TECH ED	DRAFTING ROTATION
ELD	ELD BEGINNER	MATH	CALCULUS HONORS	TECH ED	ELECTRIC 2
ELD	ELD INTERMEDIATE	MATH	AP CALCULUS	TECH ED	ELECTRIC 3
ELD	EMERGING ENGLISH 9	MATH	COLLEGE READINESS MATHEMATICS	TECH ED	ELECTRIC 4
ELD	EMERGING ENGLISH 10 KEYSTONE	MATH	COMPUTER SCIENCE	TECH ED	GRAPHIC ARTS 2
ELD	EMERGING ENGLISH 11	MATH	AP COMPUTER SCIENCE	TECH ED	GRAPHIC ARTS 3
ELD	EMERGING ENGLISH 12	MATH	FINANCIAL LITERACY	TECH ED	GRAPHIC ARTS 4
FACS	CLOTHING 2	MATH	GEOMETRY	TECH ED	METAL 2
FACS	CLOTHING 3	MATH	GEOMETRY HONORS	TECH ED	METAL 3
FACS	CLOTHING 4	MATH	PRECALCULUS	TECH ED	METAL 4
FACS	FACS ROTATION	MATH	PRECALCULUS HONORS	TECH ED	METAL ROTATION
FACS	FAMILY LIVING	MATH	STATISTICS / PROBABILITY	TECH ED	TECHNOLOGY 2
FACS	FOODS 2	MATH	TECHNICAL MATH	TECH ED	TECHNOLOGY 3
FACS	FOODS 3	MATH	TRIGONOMETRY	TECH ED	TECHNOLOGY 4
FACS	FOODS 4	MATH/ENG	SAT PREP	TECH ED	TECHNOLOGY ROTATION
FACS	INTERIOR DECORATING	MUS	BAND BEG	TECH ED	WOOD 2
FACS	PARENTING	MUS	BAND INT	TECH ED	WOOD 3
HIST/SS	AP EUROPEAN HISTORY	MUS	BAND ADV	TECH ED	WOOD 4
HIST/SS	AP PSYCHOLOGY	MUS	CHORUS CONCERT BEG	TECH ED	WOOD ROTATION