

ARTS AND COMMUNICATIONS ACADEMY

Communications: Broadcast Media

FOUR YEAR PLAN OF STUDY

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses (13 credits)

- English 9
- English 10
- English 11
- English 12
- Mass Media
- Radio, TV II, III, IV, V

Recommended Electives

- Advanced Speech and Communication
- Marketing
- Current Problems, Issues, and Events
- Radio, TV VI
- Advanced Speech and Communication

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
World History (appropriate level)	World History (appropriate level)
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
World Language or Elective	World Language or Elective
Mass Media	Radio, TV II
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Radio, TV III	Radio, TV IV
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Radio, TV V	Elective
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

ARTS AND COMMUNICATIONS ACADEMY

Communications: Publications (Newspaper/Yearbook)

FOUR YEAR PLAN OF STUDY

Core 40 Diploma Requirements:

- English:** 8 credits
- Math:** 6 credits
- Science:** 6 credits
- Social Studies:** 6 credits
- Physical Education:** 2 credits
- Health:** 1 credit
- Directed Electives:** 5 credits
- Electives:** 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
- 2 more Math credits
- 2 Fine Arts credits
- For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses (13 credits)

- English 9
- English 10
- English 11
- English 12
- Journalism I
- Student Publications:
Nautilus or Booster I, II, III, IV

Recommended Electives

- Journalism II
- Advanced Speech and Communication
- Current Problems, Issues and Events
- Marketing
- Media Arts

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
World History (appropriate level)	World History (appropriate level)
Journalism I	Nautilus or Booster I
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
World Language or Elective	World Language or Elective
Nautilus or Booster II	Nautilus or Booster III
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Nautilus or Booster IV	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Elective	Elective
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

ARTS AND COMMUNICATIONS ACADEMY

FOUR YEAR PLAN OF STUDY

Literary Arts

Core 40 Diploma Requirements:

- English: 8 credits
- Math: 6 credits
- Science: 6 credits
- Social Studies: 6 credits
- Physical Education: 2 credits
- Health: 1 credit
- Directed Electives: 5 credits
- Electives: 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses (13 credits)

- English 9
- English 10
- English 11
- English 12
- Classical Literature
- Contemporary Literature
- Creative Writing I
- Either Dramatic Literature or Film Literature
- Either Creative Writing II or Journalism I

Recommended Electives

- Journalism II
- Etymology
- Student Publications

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
World History (appropriate level)	World History (appropriate level)
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
World Language or Elective	World Language or Elective
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Academy Required Elective (1)	Academy Required Elective (2)
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Academy Required Elective (3)	Academy Required Elective (4)
Elective	Elective
Elective	Elective
Elective / World Language	Elective / World Language

ARTS AND COMMUNICATIONS ACADEMY

FOUR YEAR PLAN OF STUDY

Performing Arts: Dance

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Dance I, II, III, IV, V, VI
- Choreography

Recommended Electives

- Elective PE 4 - Individual Fitness
- Nutrition and Fitness for Life
- Performance Ensemble (Color Guard)
- Marching Band

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I (Summer school PE will allow more options)	Digital Communication Tools (Summer school DCT will allow more options)
World Language or Elective	World Language or Elective
World History (appropriate level)	World History (appropriate level)
Dance I	Dance II
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II (Summer school PE will allow more options)	Health (Summer school Health will allow more options)
World Language or Elective	World Language or Elective
Dance III	Dance IV
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Dance V	Dance VI
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Choreography	Choreography
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

ARTS AND COMMUNICATIONS ACADEMY

FOUR YEAR PLAN OF STUDY

Performing Arts: Music

Core 40 Diploma Requirements:

English: 8 credits
Math: 6 credits
Science: 6 credits
Social Studies: 6 credits
Physical Education: 2 credits
Health: 1 credit
Directed Electives: 5 credits
Electives: 6 credits
 (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

Major Ensemble I, II, III, IV, V, VI, VII, VIII

Applied Music I, II, III, IV

Music Theory & Composition I and II

Chamber Music

Music History and Appreciation

Piano Proficiency

(Must pass piano proficiency test or take Piano & Electronic Keyboarding)

Recommended Electives

Choir (Instrumental Majors)

Performance Ensemble (Guard)

Piano & Electronic Keyboarding 1 & 2

AP Music Theory

Music Theory & Composition III & IV

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2 nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I (Summer School PE will allow more options)	Digital Communication Tools (Summer School DCT will allow more options)
World Language or Elective	World Language or Elective
World History (appropriate level)	World History (appropriate level)
Major Ensemble I	Major Ensemble II
Applied Music I	Applied Music I
Grade 10	
First Semester	Second Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II (Summer School PE will allow more options)	Health (Summer School Health will allow more options)
World Language or Elective	World Language or Elective
Major Ensemble III	Major Ensemble IV
Music Theory I	Music Theory II
Applied Music II	Applied Music II
Grade 11	
First Semester	Second Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Major Ensemble V	Major Ensemble VI
Music History	Elective
Applied Music III	Applied Music III
Grade 12	
First Semester	Second Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Elective / World Language	Elective / World Language
Elective	Elective
Major Ensemble VII	Major Ensemble VIII
Chamber Music I	Chamber Music I
Applied Music IV	Applied Music IV

ARTS AND COMMUNICATIONS ACADEMY

FOUR YEAR PLAN OF STUDY

Performing Arts: Theatre

Core 40 Diploma Requirements:

English: 8 credits
Math: 6 credits
Science: 6 credits
Social Studies: 6 credits
Physical Education: 2 credits
Health: 1 credit
Directed Electives: 5 credits
Electives: 6 credits
 (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:
 2 more Math credits
 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses (13 credits)

- English 9
- English 10
- English 11
- English 12
- Theatre Arts
- Advanced Theatre Arts
- Theatre Production
- Dramatic Literature
- Film Literature

Recommended Electives

- Construction Systems
- Advanced Speech and Communication
- Debate

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
Theatre Arts	Advanced Theatre Arts
World History (appropriate level)	World History (appropriate level)
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Geometry CP / Algebra II CP / Algebra II H	Geometry CP / Algebra II CP / Algebra II H
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
World Language or Elective	World Language or Elective
Elective	Theatre Production
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Film Literature	Dramatic Literature
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Elective	Elective
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

ARTS AND COMMUNICATIONS ACADEMY

FOUR YEAR PLAN OF STUDY

Visual Arts: Entertainment Design

Core 40 Diploma Requirements:

English: 8 credits
Math: 6 credits
Science: 6 credits
Social Studies: 6 credits
Physical Education: 2 credits
Health: 1 credit
Directed Electives: 5 credits
Electives: 6 credits
 (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

Intro to 2 Dimensional Art

Adv. 2 Dimensional Art

Drawing I and II

Digital Design I and II

Photography I and II

Art History

Recommended Electives

AP Studio Art Drawing H

AP Studio Art 2-D Design H

AP Studio Art 3-D Design H

Web Design I

Web Design II

Computer Applications

Mass Media

Radio, TV II

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
Intro to 2D Art	Advanced 2D Art
World History (appropriate level)	World History (appropriate level)
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
World Language or Elective	World Language or Elective
Drawing I	Drawing II
Digital Design I	Digital Design II
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Photography I	Photography II
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Art History	Elective
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

ARTS AND COMMUNICATIONS ACADEMY

FOUR YEAR PLAN OF STUDY

Visual Arts: Fine Arts

Core 40 Diploma Requirements:

English: 8 credits
Math: 6 credits
Science: 6 credits
Social Studies: 6 credits
Physical Education: 2 credits
Health: 1 credit
Directed Electives: 5 credits
Electives: 6 credits
 (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

Intro to 2 Dimensional Art
Adv. 2 Dimensional Art
Drawing I and II
Digital Design I
Photography I
Art History

6 additional credits from this list

Drawing III, IV
Painting I-IV
Ceramics I-IV
Jewelry I-IV
Sculpture I-IV
Photography II-IV
Fibers I-IV
Printmaking I, II
Digital Design II
Advanced 2-D Art Honors
AP Studio Art Drawing H
AP Studio Art 2-D Design H
AP Studio Art 3-D Design H

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
Intro to 2D Art	Advanced 2D Art
World History (appropriate level)	World History (appropriate level)
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
World Language or Elective	World Language or Elective
Drawing I	Drawing II
Digital Design 1	Art History
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or elective	World Language or elective
Photography I	Academy Elective (2)
Academy Elective (1)	Academy Elective (3)
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Academy Elective (4)	Academy Elective (6)
Academy Elective (5)	Elective
Elective / World Language	Elective / World Language
Elective	Elective

ARTS AND COMMUNICATIONS ACADEMY

FOUR YEAR PLAN OF STUDY

Visual Arts: Publication Design and Illustration

Core 40 Diploma Requirements:

- English:** 8 credits
- Math:** 6 credits
- Science:** 6 credits
- Social Studies:** 6 credits
- Physical Education:** 2 credits
- Health:** 1 credit
- Directed Electives:** 5 credits
- Electives:** 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Intro to 2 Dimensional Art
- Adv. 2 Dimensional Art
- Drawing I and II
- Digital Design I
- Photography I
- Art History
- Painting I
- Visual Communications

Recommended Electives

- AP Studio Art Drawing H
- AP Studio Art 2-D Design H
- AP Studio Art 3-D Design H
- Student Publications: Newspaper or Yearbook
- Computer Applications
- Business Tech Lab 2
- Web Design I
- Web Design II

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
Intro to 2D Art	Advanced 2D Art
World History (appropriate level)	World History (appropriate level)
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
World Language or Elective	World Language or Elective
Drawing I	Drawing II
Digital Design 1	Visual Communications
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Photography I	Elective
Painting I	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Art History	Elective
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Automotive Service Technology

Core 40 Diploma Requirements:

English: 8 credits
Math: 6 credits
Science: 6 credits
Social Studies: 6 credits
Physical Education: 2 credits
Health: 1 credit
Directed Electives: 5 credits
Electives: 6 credits
 (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

Manufacturing Systems
Advanced Manufacturing 1A, 1B, 2A, 2B
Transportation Systems
Transportation Processes 1
Transportation Processes 2
Fundamentals in Engineering

Recommended Electives

Computer Applications
Business Foundations 1
Entrepreneurship
Co-op Program:
 ICE
 Auto Service Technology

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Transportation Systems	Manufacturing Systems
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Transportation Processes 1	Transportation Processes 2
Advanced Manufacturing 1A	Advanced Manufacturing 1B
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Fundamentals in Engineering	Fundamentals in Engineering
Advanced Manufacturing 2A	Advanced Manufacturing 2B
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Recommended Elective	Recommended Elective
Elective / Co-op Program	Elective / Co-op Program
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Childcare

Core 40 Diploma Requirements:

- English:** 8 credits
 - Math:** 6 credits
 - Science:** 6 credits
 - Social Studies:** 6 credits
 - Physical Education:** 2 credits
 - Health:** 1 credit
 - Directed Electives:** 5 credits
 - Electives:** 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
- 2 more Math credits
- 2 Fine Arts credits
- For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Child Development & Parenting 1 & 2
- Advanced Child Development
- Human Development and Family Wellness
- Psychology
- Sociology
- Nutrition & Wellness 1
- Peer Tutoring

Recommended Electives

- Nutrition & Wellness 2 & 3
- Computer Applications
- Business and Personal Law 1 & 2
- Entrepreneurship
- World Language
- Adult Roles & Responsibilities 1 & 2
- Co-op Program:
 - HERO
 - JOBS

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Child Development and Parenting 1 or 2	Child Development and Parenting 1 or 2
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Nutrition and Wellness 1	Peer Tutoring
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Advanced Child Development	Human Development and Family Wellness
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Psychology	Sociology
Elective / Co-op Program	Elective / Co-op Program
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Construction Technology

Core 40 Diploma Requirements:

- English:** 8 credits
- Math:** 6 credits
- Science:** 6 credits
- Social Studies:** 6 credits
- Physical Education:** 2 credits
- Health:** 1 credit
- Directed Electives:** 5 credits
- Electives:** 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Communication Systems
- Design Processes 1 & 2
- Construction Systems
- Construction Processes 1 & 2
- Technology Enterprises
- Building Trades

Recommended Electives

- Computer Applications
- Business Foundations 1 & 2
- Entrepreneurship
- Housing and Interiors
- Co-op Program:
 - ICE
 - Heating & Air Conditioning

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Communication Systems	Construction Systems
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Design Processes 1	Design Processes 2
Construction Processes 1	Construction Processes 2
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Technology Enterprises	Technology Enterprises
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Recommended Elective	Recommended Elective
Building Trades	Building Trades
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Cosmetology

Core 40 Diploma Requirements:

English: 8 credits
Math: 6 credits
Science: 6 credits
Social Studies: 6 credits
Physical Education: 2 credits
Health: 1 credit
Directed Electives: 5 credits
Electives: 6 credits
 (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:
2 more Math credits
2 Fine Arts credits
 For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

Computer Applications
Personal Finance
Cosmetology Program

Recommended Electives

Business Foundations 1 & 2
Business, Management & Finance
Accounting I
Marketing 1 & 2
Business and Personal Law
Adult Roles and Responsibilities

Summer School:

Cosmetology (before senior year)

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Elective	Elective
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Personal Finance	Elective
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Entrepreneurship 1	Entrepreneurship 2
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Cosmetology Program	Cosmetology Program
↓	↓

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Finance

Core 40 Diploma Requirements:

English: 8 credits
Math: 6 credits
Science: 6 credits
Social Studies: 6 credits
Physical Education: 2 credits
Health: 1 credit
Directed Electives: 5 credits
Electives: 6 credits
 (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

Business Foundations 1 & 2

Accounting I

Computer Applications

Personal Finance

Business, Management & Finance

Recommended Electives

Business and Personal Law 1 & 2

Entrepreneurship

Accounting II

Advanced Speech and Communication

Business Tech Lab 2

World Language

Statistics & Probability

Business Tech Lab 1

BCE Internship

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Business Foundations 1	Business Foundations 2
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Computer Applications	Business, Management & Finance
Personal Finance	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Accounting I-1	Accounting I-2
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Elective / BCE	Elective / BCE
Elective	Elective
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Food Services

Core 40 Diploma Requirements:

- English:** 8 credits
- Math:** 6 credits
- Science:** 6 credits
- Social Studies:** 6 credits
- Physical Education:** 2 credits
- Health:** 1 credit
- Directed Electives:** 5 credits
- Electives:** 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
- 2 more Math credits
- 2 Fine Arts credits
- For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Entrepreneurship
- Personal Finance
- Marketing 1 & 2
- Nutrition and Wellness 1, 2
- Culinary Arts Foundations
- Computer Applications

Recommended Electives

- Business Foundations 1 & 2
- Accounting I
- Computer Applications
- Advanced Marketing 1 & 2
- Adult Roles & Responsibilities
- Co-op Program:
 - HERO
 - JOBS

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Nutrition and Wellness 1	Nutrition and Wellness 2
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Culinary Arts Foundations	Culinary Arts Foundations
Elective	Personal Finance
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Entrepreneurship 1	Entrepreneurship 2
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Marketing 1	Marketing 2
Elective / Co-op Program	Elective / Co-op Program
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Health Services

Core 40 Diploma Requirements:

- English: 8 credits
- Math: 6 credits
- Science: 6 credits
- Social Studies: 6 credits
- Physical Education: 2 credits
- Health: 1 credit
- Directed Electives: 5 credits
- Electives: 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
- 2 more Math credits
- 2 Fine Arts credits
- For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Nutrition and Wellness 1 & 2
- Child Development 1 and 2
- Human Development and Family Wellness
- Current Health Issues
- Health Sciences
- Computer Applications

Recommended Electives

- Human Physiology and Anatomy
- Microbiology
- Genetics
- Computer Applications
- Psychology
- Sociology
- HERO

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Nutrition and Wellness 1	Nutrition and Wellness 2
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Child Development and Parenting 1	Child Development and Parenting 2
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Chemistry (appropriate level)	Chemistry (appropriate level)
U.S. History (appropriate level)	U.S. History (appropriate level)
Human Development and Family Wellness	Current Health Issues
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Recommended Elective	Recommended Elective
Health Sciences	Health Sciences
↓	↓

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Housing and Interior Design

Core 40 Diploma Requirements:

- English:** 8 credits
- Math:** 6 credits
- Science:** 6 credits
- Social Studies:** 6 credits
- Physical Education:** 2 credits
- Health:** 1 credit
- Directed Electives:** 5 credits
- Electives:** 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Housing and Interiors
- Design Processes 1 & 2
- Intro. to 2-Dimensional Art 1 & 2
- Fibers Art 1 & 2

Recommended Electives

- Construction Processes 1 & 2
- Marketing 1 & 2
- Drawing 1 & 2
- Computers in Design and Production
- Co-op Program:
HERO

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Introduction to 2-Dimensional Art	Advanced 2-Dimensional Art
Elective	Communication Systems
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Design Processes 1	Design Processes 2
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Fibers 1	Housing and Interiors
Elective	Fibers 2
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Elective / Co-op Program	Elective / Co-op Program
Elective	Elective
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Information Technology

Core 40 Diploma Requirements:

- English:** 8 credits
- Math:** 6 credits
- Science:** 6 credits
- Social Studies:** 6 credits
- Physical Education:** 2 credits
- Health:** 1 credit
- Directed Electives:** 5 credits
- Electives:** 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
- 2 more Math credits
- 2 Fine Arts credits
- For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Business Foundations 1 & 2
- Computer Applications
- Business Tech Lab 1

Select from one of the following:

Hardware:

- Information Support & Services 1
- Information Support & Services 2

Software:

- Digital Design 1, 2
- Business Tech Lab 2

Recommended Electives

- Computer Programming - C++ 1 & 2
- Entrepreneurship
- Business and Personal Law 1 & 2
- Advanced Speech and Communication
- World Language
- Visual Communications
- BCE Internship

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
Digital Communication Tools	Computer Applications
World History (appropriate level)	World History (appropriate level)
Business Foundations 1	Business Foundations 2
Elective	PE I
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Business Tech Lab 1	Business Tech Lab 1
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Academy Requirement	Academy Requirement
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Elective	Elective
Elective / BCE	Elective / BCE
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

International Business

Core 40 Diploma Requirements:

- English:** 8 credits
- Math:** 6 credits
- Science:** 6 credits
- Social Studies:** 6 credits
- Physical Education:** 2 credits
- Health:** 1 credit
- Directed Electives:** 5 credits
- Electives:** 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Business Foundations 1 & 2
- World Language - 3 years
- Entrepreneurship
- International Business
- Computer Applications

Recommended Electives

- Accounting I
- Marketing 1 & 2
- Advanced Speech and Communication
- Current Problems
- Hospitality, Travel, & Tourism 1 & 2
- Psychology
- Sociology

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Algebra I CP / Geometry CP or H	Algebra I CP / Geometry CP or H
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Business Foundations 1	Business Foundations 2
World Language or Elective	World Language or Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
World Language	World Language
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP or H
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language	World Language
Entrepreneurship 1	Entrepreneurship 2
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Precalculus CP / Calculus H-AP /	Precalculus CP / Calculus H-AP /
Elective	Elective
World Language	World Language
International Business	Elective
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Management and Entrepreneurship

Core 40 Diploma Requirements:

English: 8 credits
Math: 6 credits
Science: 6 credits
Social Studies: 6 credits
Physical Education: 2 credits
Health: 1 credit
Directed Electives: 5 credits
Electives: 6 credits
 (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

Business Foundations 1 & 2
Computer Applications
Entrepreneurship
Accounting I

Recommended Electives

Business and Personal Law 1 & 2 or Law Education
Marketing 1 & 2
Psychology
Sociology
Personal Finance
Business, Management and Finance
Advanced Speech and Communication
Business Tech Lab 1
Hospitality, Travel, & Tourism 1 & 2
Business Tech Lab 2
Statistics & Probability
Internship - BCE

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Foundations of Business 1	Foundations of Business 2
World Language or Elective	World Language or Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Computer Applications	Elective
World Language or Elective	World Language or Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Accounting I-1	Accounting I-2
World Language or Elective	World Language or Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Entrepreneurship 1	Entrepreneurship 2
Elective	Elective
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Manufacturing and Processing

Core 40 Diploma Requirements:

- English:** 8 credits
- Math:** 6 credits
- Science:** 6 credits
- Social Studies:** 6 credits
- Physical Education:** 2 credits
- Health:** 1 credit
- Directed Electives:** 5 credits
- Electives:** 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Communication Systems
- Manufacturing Systems
- Design Processes 1 & 2
- Advanced Manufacturing 1A, 1B, 2A, 2B

Recommended Elective

Communication Processes

Co-op Program:

ICE

Heating and Air Conditioning

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Manufacturing Systems	Communication Systems
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Design Processes 1	Design Processes 2
Advanced Manufacturing 1A	Advanced Manufacturing 1B
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Advanced Manufacturing 2A	Advanced Manufacturing 2B
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Elective or Co-op Program	Elective or Co-op Program
Elective	Elective
Elective	Elective
Elective	Elective

BUSINESS AND TECHNOLOGY ACADEMY

FOUR YEAR PLAN OF STUDY

Marketing

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
- 2 more Math credits
- 2 Fine Arts credits
- For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Business Foundations 1 & 2
- Computer Applications
- Marketing 1 & 2
- Advanced Marketing 1 & 2

Recommended Electives

- Entrepreneurship
- Business and Personal Law 1 & 2
- Business Tech Lab 2
- Accounting I
- Advanced Speech and Communication
- Digital Design
- Psychology
- Travel and Tourism
- Foreign Language
- Co-op Program:
- BCE

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
Digital Communication Tools	Computer Applications
World History (appropriate level)	World History (appropriate level)
Foundations of Business 1	Foundations of Business 2
PE I	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Marketing 1	Marketing 2
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science	Physics / Chemistry / Science
Elective	Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Advanced Marketing 1	Advanced Marketing 2
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Recommended Elective	Recommended Elective
Elective / DECA	Elective / DECA
Elective	Elective
Elective	Elective

FOUR YEAR PLAN OF STUDY

BUSINESS AND TECHNOLOGY ACADEMY

Travel and Tourism

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Entrepreneurship
- International Business
- Marketing 1 & 2
- Travel & Tourism 1 & 2
- Computer Applications

Recommended Electives

- Business Foundations 1 & 2
- World Language (3 years)
- Psychology
- Photography 1 & 2
- Business and Personal Law 1 & 2
- Computer Applications
- Advanced Speech and Communication
- Web Design I or II
- Business Tech Lab 1
- Co-op Program:
 - BCE
 - HERO
 - ICE

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
World Language or Elective	World Language or Elective
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Marketing 1	Marketing 2
World Language or Elective	World Language or Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Entrepreneurship 1	Entrepreneurship 2
Travel and Tourism 1	Travel and Tourism 2
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
International Business	Elective
World Language or Elective	World Language or Elective
Elective / Co-op Program	Elective / Co-op Program
Elective	Elective

INTERNATIONAL STUDIES ACADEMY

International Arts

FOUR YEAR PLAN OF STUDY

Core 40 Diploma Requirements:

- English:** 8 credits
 - Math:** 6 credits
 - Science:** 6 credits
 - Social Studies:** 6 credits
 - Physical Education:** 2 credits
 - Health:** 1 credit
 - Directed Electives:** 5 credits
 - Electives:** 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
- 2 more Math credits
 - 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- World Language I, II, III, IV
- World History 1 and 2
- World Literature
- Music Appreciation
- Host Family or Pen Pal
- Participate in Art or Music
- International Foods and Etiquette

Choose one (1) course from:

- Sociology
- Film Literature
- Study Abroad

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 or English 9 H	English 9 English 9-2 H
Algebra 1 CP / Geometry CP or H	Algebra I CP / Geometry CP or H
Biology I or Biology I H	Biology I or Biology I H
World History 1 / World History 1 H-AP	World History 2 / World History 2 H-AP
World Language I-A	World Language I-B
PE I	Digital Communication Tools
Fine Arts / Elective	Fine Arts / Elective
Grade 10	
1st Semester	2nd Semester
English 10 or English 10 H	English 10 or English 10 H
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Zoology / Environmental Issues / Chemistry I / Physics	Zoology / Environmental Issues / Chemistry I / Physics
World Language II-A	World Language II-B
Art or Music Elective	Art or Music Elective
Elective	Music Appreciation
P.E. II	Health
Grade 11	
1st Semester	2nd Semester
English 11 CP or English 11 H	English 11 CP or English 11 H
U.S. History 1 or U.S. History 1 H-AP	U.S. History 2 or U.S. History 2 H-AP
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP or H
World Language III-A	World Language III-B
Chemistry I or I CP or H-AP / Physics I or I CP or H-AP	Chemistry I or I CP or H-AP / Physics I or I CP or H-AP
Art or Music Elective	Art or Music Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
World Literature / English 12 H-AP	Composition / English 12 H-AP
Government / Government H-AP	Economics / Microeconomics H-AP / Government H-AP
Precalculus CP / Calculus H-AP	Precalculus CP / Calculus H-AP
World Language IV-A	World Language IV-B
Required Elective	International Foods and Etiquette
Art or Music Elective	Art or Music Elective
Elective	Elective

FOUR YEAR PLAN OF STUDY

INTERNATIONAL STUDIES ACADEMY

International Communications

Core 40 Diploma Requirements:

English:	8 credits
Math:	6 credits
Science:	6 credits
Social Studies:	6 credits
Physical Education:	2 credits
Health:	1 credit
Directed Electives:	5 credits
Electives:	6 credits

(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

World Language I, II, III, IV

World History 1 and 2

World Literature

Economics

Advanced Speech and Communication

Host Family or Pen Pal

Choose one (1) course from:

Mass Media

Journalism

Study Abroad

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 or English 9 H	English 9 or English 9 H
Algebra 1 CP / Geometry CP or H	Algebra I CP / Geometry CP or H
Biology I or Biology I H	Biology I or Biology I H
World History 1 or World History 1 H-AP	World History 2 or World History 2 H-AP
World Language I-A	World Language I-B
PE I	Digital Communication Tools
Fine Arts / Elective	Fine Arts / Elective
Grade 10	
1st Semester	2nd Semester
English 10 or English 10 H	English 10 or English 10 H
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Zoology / Environmental Issues / Chemistry I / Physics	Zoology / Environmental Issues / Chemistry I / Physics
World Language II-A	World Language II-B
Academy Elective	Elective
PE II	Health
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 CP or English 11 H	English 11 CP or English 11 H
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP or H
Chemistry I or I CP or H-AP / Physics I or I CP	Chemistry I or I CP or H-AP / Physics I or I CP
U.S. History 1 / U.S. History 1 H-AP	U.S. History 2 / U.S. History 2 H-AP
World Language III-A	World Language III-B
Advanced Speech and Communication	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
World Literature / English 12 H-AP	Composition / English 12 H-AP
Government / Government H-AP	Psychology / Current Issues / Government H-AP
Precalculus CP / Calculus H-AP	Precalculus CP / Calculus H-AP
World Language IV-A	World Language IV-B
Elective	Economics / Microeconomics H-AP
Elective	Elective
Elective	Elective

FOUR YEAR PLAN OF STUDY

INTERNATIONAL STUDIES ACADEMY

International Relations (International Business)

Core 40 Diploma Requirements:

- English: 8 credits
- Math: 6 credits
- Science: 6 credits
- Social Studies: 6 credits
- Physical Education: 2 credits
- Health: 1 credit
- Directed Electives: 5 credits
- Electives: 6 credits
(At least 2 years [4 credits] of foreign language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- World Language I, II, III, IV
- World History 1 and 2
- World Literature
- Economics
- Advanced Speech and Communication
- Host Family or Pen Pal or Study Abroad
- Participate in Debate Club
- Sociology

+ Add for double major in International Business

- Business Foundations I, II
- Entrepreneurship
- International Business
- Current Problems, Issues, and Events
- International Foods and Etiquette

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 or English 9 H	English 9 or English 9 H
Algebra 1 CP / Geometry CP or H	Algebra I CP / Geometry CP or H
Biology I or Biology I H	Biology I or Biology I H
World History 1 / World History 1 H-AP	World History 2 / World History 2 H-AP
World Language I-A	World Language I-B
+ Business Foundations 1	+ Business Foundations 2
PE I	Digital Communication Tools
Grade 10	
1st Semester	2nd Semester
English 10 or English 10 H	English 10 or English 10 H
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Zoology / Environmental Issues / Chemistry I / Physics	Zoology / Environmental Issues / Chemistry I / Physics
World Language II-A	World Language II-B
Fine Arts / Elective	Fine Arts / Elective
Advanced Speech and Communication	+ Current Problem, Issues, & Events
PE II	Health
Grade 11	
1st Semester	2nd Semester
English 11 CP or English 11 H	English 11 CP or English 11 H
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP or H
Chemistry I or I CP or H-AP / Physics I or I CP	Chemistry I or I CP or H-AP / Physics I or I CP
U.S. History 1 / U.S. History 1 H-AP	U.S. History 2 / U.S. History 2 H-AP
World Language III-A	World Language III-B
+ Entrepreneurship I	+ Entrepreneurship II
Elective	Elective
Grade 12	
1st Semester	2nd Semester
World Literature / English 12 H-AP	Composition / English 12 H-AP
Government / Government H-AP	Government H-AP / Elective
Sociology	U.S. Foreign Policies
Precalculus CP / Calculus H-AP	Precalculus CP / Calculus H-AP
Elective	+ International Business
+ International Foods and Etiquette	Economics / Microeconomics H-AP
World Language IV-A	World Language IV-B

INTERNATIONAL STUDIES ACADEMY

FOUR YEAR PLAN OF STUDY

World Languages and Cultures

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- First World Language I, II, III, IV
- Second World Language I, II
- World History 1 and 2
- World Literature
- Study Abroad or Host Family or Pen Pal
- Participate in Language Club

Choose one (1) course from:

- Film Literature
- International Foods and Etiquette

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 or English 9 H	English 9 or English 9 H
Algebra 1 CP / Geometry CP or H	Algebra I CP / Geometry CP or H
Biology I or Biology I H	Biology I or Biology I H
World History 1 / World History 1 H-AP	World History 2 / World History 2 H-AP
1 st World Language I-A	1 st World Language I-B
PE I	Digital Communication Tools
Fine Arts / Elective	Fine Arts / Elective
Grade 10	
1st Semester	2nd Semester
English 10 or English 10 H	English 10 or English 10 H
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Zoology / Environmental Issues / Chemistry I / Physics	Zoology / Environmental Issues / Chemistry I / Physics
PE II	Health
1 st World Language II-A	1 st World Language II-B
2 nd World Language / Elective	2 nd World Language / Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 CP or English 11 H	English 11 CP or English 11 H
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP H
Chemistry I or I CP or H-AP / Physics I or I CP	Chemistry I or I CP or H-AP / Physics I or I CP
1 st World Language III-A	1 st World Language III-B
2 nd World Language (if not started yet)	2 nd World Language (if not started yet)
U.S. History 1 / U.S. History 1 H-AP	U.S. History 2 / U.S. History 2 H-AP
Elective	Academy Elective
Grade 12	
1st Semester	2nd Semester
World Literature / English 12-1 H-AP	Composition / English 12-2 H-AP
Precalculus CP / Calculus H-AP	Precalculus CP / Calculus H-AP
Government / Government H-AP	Economics / Economics H-AP / Government H-AP
Elective	Elective / Economics
1 st World Language IV-A	1 st World Language IV-B
2 nd World Language / Elective	2 nd World Language / Elective
Elective	Elective

LIFE-CENTERED ACHIEVEMENT ACADEMY

FOUR YEAR PLAN OF STUDY

Occupational Guidance and Preparation

Graduation Requirements:

English:	8 credits
Math:	4 credits
Science:	4 credits
Social Studies:	4 credits
Physical Education:	2 credits
Health:	1 credit
Career Academic Sequence:	6 credits
Flex Credits:	5 credits
Electives:	6 credits

Core 40 Diploma Requirements:

English:	8 credits
Math:	6 credits
Science:	6 credits
Social Studies:	6 credits
Physical Education:	2 credits
Health:	1 credit
Directed Electives:	5 credits
Electives:	6 credits

Required Academy Courses

All courses required for graduation in addition to the following:
Transition / Community Services
Adult Roles and Responsibilities
Co-op Program:
STEP
JOBS

Recommended Electives

Community Connections (freshmen)*

Summer School:

*course currently in development

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Pre-Algebra / Algebra I Intensive	Pre-Algebra / Algebra I Intensive
Earth Science	Earth Science
PE I	Digital Communication Tools OTP
World Geography OTP	Current Problems OTP
Community Connections*	Community Connections*
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Algebra I Intensive / Geometry	Algebra I Intensive / Geometry
Biology	Biology
PE II	Health
Transportation	Transportation
FOCUS	FOCUS
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Geometry / Algebra II	Geometry / Algebra II
U.S. History 1	U.S. History 2
Adult Roles & Responsibilities 1	Adult Roles & Responsibilities 2
Work Related	Work Related
Work	Work
Work	Work
Grade 12	
1st Semester	2nd Semester
English 12	English 12
Government	Economics / Social Studies Elective
Transition / Community Services	Transition / Community Services
Work Related	Work Related
Work	Work
Work	Work
Work	Work

LIFE-CENTERED ACHIEVEMENT ACADEMY

Training for Success

FOUR YEAR PLAN OF STUDY

Students completing the Training for Success Major will receive a Certificate of Completion.

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
<p>The curricula for Training for Success will encompass all of the following:</p> <ul style="list-style-type: none"> Functional Math Functional Reading Daily Living Skills Community Based Instruction Social Skills 	<p>The curricula for Training for Success will encompass all of the following:</p> <ul style="list-style-type: none"> Functional Math Functional Reading Daily Living Skills Community Based Instruction Social Skills
Grade 10	
1st Semester	2nd Semester
<p>The curricula for Training for Success will encompass all of the following:</p> <ul style="list-style-type: none"> Functional Math Functional Reading Daily Living Skills Community Based Instruction Social Skills 	<p>The curricula for Training for Success will encompass all of the following:</p> <ul style="list-style-type: none"> Functional Math Functional Reading Daily Living Skills Community Based Instruction Social Skills
Grade 11	
1st Semester	2nd Semester
<p>The curricula for Training for Success will encompass all of the following:</p> <ul style="list-style-type: none"> Functional Math Functional Reading Daily Living Skills Community Based Instruction Social Skills 	<p>The curricula for Training for Success will encompass all of the following:</p> <ul style="list-style-type: none"> Functional Math Functional Reading Daily Living Skills Community Based Instruction Social Skills
Grade 12	
1st Semester	2nd Semester
<p>In addition to the above curricula, the following coursework is recommended for older students (18-22 years):</p> <ul style="list-style-type: none"> Transportation Supervised Community Work Work Readiness FOCUS STEP Adaptive Physical Education Human Development / Family Wellness Nutrition and Wellness 1 Adult Roles & Responsibilities 1 	<p>In addition to the above curricula, the following coursework is recommended for older students (18-22 years):</p> <ul style="list-style-type: none"> Transportation Supervised Community Work Work Readiness FOCUS STEP Adaptive Physical Education Human Development / Family Wellness Nutrition and Wellness 1 Adult Roles & Responsibilities 1

FOUR YEAR PLAN OF STUDY

POLITICAL AND SOCIAL SCIENCES ACADEMY

Health, Recreation and Sport

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Nutrition and Wellness
- Individual Fitness
- Rec Sports
- Nutrition and Fitness for Life
- Current Health Issues

Recommended Electives

- PE Practicum
- Youth Coaching
- Advanced Speech and Communication
- Team Sports
- Psychology
- Biology II: Anatomy and Physiology

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Elective	Nutrition and Wellness
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Nutrition and Fitness for Life	Elective
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Chemistry or Physics	Chemistry or Physics
U.S. History (appropriate level)	U.S. History (appropriate level)
Individual Fitness	Rec Sports
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Economics (appropriate level)	U.S. Government (appropriate level)
Elective	Current Health Issues
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective

FOUR YEAR PLAN OF STUDY

POLITICAL AND SOCIAL SCIENCES

Human Resources and Education

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Psychology
- Sociology
- Advanced Speech and Communication
- Composition
- Computer Applications
- Advanced Health Education

Recommended Electives

- Advanced Child Development
- Biology II: Genetics
- Peer Tutoring
- Child Development and Parenting 1, 2
- Introduction to Philosophy
- Current Problems, Issues and Events
- World Language
- Co-op Program: HERO

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Elective	Elective
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Advanced Speech and Communication	Computer Applications
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Chemistry or Physics	Chemistry or Physics
U.S. History (appropriate level)	U.S. History (appropriate level)
Sociology	Advanced Health Education
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (Composition)	English 12 (Literature)
Economics (appropriate level)	U.S. Government (appropriate level)
Elective	Psychology
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective

FOUR YEAR PLAN OF STUDY

POLITICAL AND SOCIAL SCIENCES

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Law Education I
- Psychology
- Sociology
- Advanced Speech and Communication
- Computer Applications
- Human Development and Family Wellness
- Advanced Health Education

Recommended Electives

- Business Tech Lab 1
- Biology II: Genetics
- Accounting
- Business Law
- Composition
- Current Problems, Issues and Events
- World Language
- Environmental Issues

Summer School:

Law Education

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History	World History
Elective	Elective
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Elective	Law Education I
Advanced Speech and Communication	Computer Applications
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Chemistry or Physics	Chemistry or Physics
U.S. History (appropriate level)	U.S. History (appropriate level)
Human Development and Family Wellness	Elective
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Economics (appropriate level)	U.S. Government (appropriate level)
Sociology	Psychology (appropriate level)
Law Education II	Advanced Health Education
Elective	Elective
Elective	Elective
Elective	Elective

FOUR YEAR PLAN OF STUDY

POLITICAL AND SOCIAL SCIENCES

Political Science and International Relations

Core 40 Diploma Requirements:

English: 8 credits
Math: 6 credits
Science: 6 credits
Social Studies: 6 credits
Physical Education: 2 credits
Health: 1 credit
Directed Electives: 5 credits
Electives: 6 credits
 (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

Advanced Speech and Communication
Military History
Computer Applications
Composition
Current Problems, Issues and Events
Psychology
Sociology

Recommended Electives

International Business
Business and Personal Law
Accounting
Introduction to Philosophy
Business Tech Lab 1
World Language
Earth/Space Science: Environmental Issues

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Elective	Elective
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Advanced Speech and Communication	Military History
Elective	Computer Applications
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Chemistry or Physics	Chemistry or Physics
U.S. History (appropriate level)	U.S. History (appropriate level)
Current Problems, Issues and Events	Sociology
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (Composition)	English 12 (Literature)
Economics (appropriate level)	U.S. Government (appropriate level)
Elective	Psychology (appropriate level)
Elective	U.S. Foreign Policy
Elective	Elective
Elective	Elective
Elective	Elective

FOUR YEAR PLAN OF STUDY

POLITICAL AND SOCIAL SCIENCES

Social Services

Core 40 Diploma Requirements:

- English: 8 credits
- Math: 6 credits
- Science: 6 credits
- Social Studies: 6 credits
- Physical Education: 2 credits
- Health: 1 credit
- Directed Electives: 5 credits
- Electives: 6 credits
(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Child Development and Parenting 1
- Child Development and Parenting 2
- Human Development and Family Wellness

- Sociology
- Nutrition and Wellness 1
- Psychology
- Advanced Health Education

Recommended Electives

- Computer Applications
- Current Problems, Issues and Events
- Advanced Speech and Communication
- Peer Tutoring
- Co-op Program: HERO
- Nutrition and Wellness 2
- Adult Roles and Responsibilities 1 & 2

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Nutrition and Wellness I	Child Development and Parenting 1
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Elective	Elective
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Chemistry or Physics	Chemistry or Physics
U.S. History (appropriate level)	U.S. History (appropriate level)
Human Development and Family Wellness	Sociology
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Economics (appropriate level)	U.S. Government (appropriate level)
Psychology	Child Development and Parenting 2
Advanced Health Education	Elective
Elective	Elective
Elective	Elective
Elective	Elective

Biological Sciences

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
 2 more Math credits
 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Biology 1, 2 /H
 - Chemistry 1, 2 H
 - Physics 1, 2 H
 - Algebra I
 - Geometry 1, 2 CP/H
 - Algebra II CP/H
 - Precalculus CP/H
- and
 Choose Option 1 or 2
- Option 1**
 Four semesters of:
 Anatomy and Physiology
 Genetics
 Microbiology
 Zoology
 Biotechnical Engineering H
 Science Research H
 AP Biology
 AP Environmental Science

- Option 2**
 Two Semester of Biology II electives AND
 2 semesters of Chemistry II electives:
 AP Chemistry 1,2
 (Your counselor will help with the appropriate sequencing of classes)

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Geometry CP or H	Geometry CP or H
Biology (regular or H)	Biology (regular or H)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
World History (appropriate level)	World History (appropriate level)
Elective / AHD Fine Arts requirement	Elective / AHD Fine Arts requirement
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Chemistry H	Chemistry H
PE II	Health
World Language or Elective	World Language or Elective
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP or H
Physics H / Chemistry H	Physics H / Chemistry H
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Elective	Elective
Academy Option 1 or 2	Academy Option 1 or 2
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics
Precalculus CP / Calculus H-AP / Elective	Precalculus CP / Calculus H-AP / Elective
Academy Option 1 or 2	Academy Option 1 or 2
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

SCIENCE, ENGINEERING, AND MATHEMATICS ACADEMY

FOUR YEAR PLAN OF STUDY

Computer Sciences

Core 40 Diploma Requirements:

English:	8 credits
Math:	6 credits
Science:	6 credits
Social Studies:	6 credits
Physical Education:	2 credits
Health:	1 credit
Directed Electives:	5 credits
Electives:	6 credits

(At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

Biology 1, 2 / H

Chemistry 1, 2 H

Physics 1, 2 H

Algebra I

Geometry 1, 2 CP / H

Algebra II CP / H

Precalculus CP / H

and

Choose 4 semesters of:

AP Computer Science (JAVA) 1, 2

Web Design I or II

Visual BASIC (one semester)

Science Research H (with emphasis in Computer Science)

Computer Programming 1, 2

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Geometry CP or H	Geometry CP or H
Biology (regular or H)	Biology (regular or H)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
World History (appropriate level)	World History (appropriate level)
Elective / AHD Fine Arts requirement	Elective / AHD Fine Arts requirement
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Chemistry H	Chemistry H
PE II	Health
World Language or Elective	World Language or Elective
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP or H
Physics H	Physics H
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Elective	Elective
Academy Elective (1)	Academy Elective (2)
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Precalculus CP / Calculus H-AP / Elective	Precalculus CP / Calculus H-AP / Elective
Academy Elective (3)	Academy Elective (4)
Elective	Elective
Elective/ World Language	Elective / World Language
Elective	Elective

FOUR YEAR PLAN OF STUDY

SCIENCE, ENGINEERING, AND MATHEMATICS ACADEMY

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Biology 1, 2 reg or H
- Chemistry 1, 2 H
- Physics 1, 2 H
- Algebra I
- Geometry 1, 2 CP or H
- Algebra II CP or H
- Precalculus CP or H
- Introduction to Engineering Design 1, 2 H
- Principles of Engineering 1, 2 H
- World Language I, II, III (3 years)

Choose 4 semesters from one specialty:

Aeronautical Engineering

- AP Calculus 1, 2
- Earth/Space Science 1, 2
- Astronomy
- Aerospace Engineering H
- Engineering Design & Development 1, 2 H
- Science Research 1, 2 H

Electrical Engineering

- AP Calculus 1, 2
- AP Physics 1, 2
- Digital Electronics 1, 2 H
- Computer Programming 1, 2
- Engineering Design & Development 1, 2 H
- Science Research 1, 2 H

Summer School:

Engineering (Specialties- Aeronautical or Electrical)

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Geometry CP or H	Geometry CP or H
Biology (regular or H)	Biology (regular or H)
PE I	Digital Communication Tools
World Language	World Language
World History (appropriate level)	World History (appropriate level)
Introduction to Engineering Design	Introduction to Engineering Design
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Chemistry H	Chemistry H
PE II	Health
World Language	World Language
Principles of Engineering	Principles of Engineering
Elective/ Fine Arts Requirement for AHD	Elective / Fine Arts Requirement for AHD
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP or H
Physics H	Physics H
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language	World Language
Elective	Elective
Major Specialization (1)	Major Specialization (2)
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Precalculus CP / Calculus H-AP / Elective	Precalculus CP / Calculus H-AP / Elective
Major Specialization (3)	Major Specialization (4)
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

FOUR YEAR PLAN OF STUDY

SCIENCE, ENGINEERING, AND MATHEMATICS ACADEMY

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Biology 1, 2/ H
- Chemistry 1, 2 H
- Physics 1, 2 H
- Algebra I
- Geometry 1 and 2 CP / H
- Algebra II CP / H
- Precalculus CP / H
- Introduction to Engineering Design 1, 2 H
- Principles of Engineering 1, 2 H
- World Language I, II, III (3 years)

Choose 4 semesters from one specialty

Chemical Engineering

- AP Calculus 1, 2
- AP Chemistry 1, 2
- AP Physics 1, 2
- Environmental Issues
- Science Research 1, 2 H

Mechanical Engineering

- AP Calculus 1, 2
- AP Physics 1, 2
- Computer Integrated Manufacturing H
- Manufacturing Systems
- Advanced Manufacturing 1A, 1B
- Engineering Design & Development 1, 2 H
- Science Research 1, 2 H

Summer School:

Engineering (Specialties- Chemical or Mechanical)

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Geometry CP or H	Geometry CP or H
Biology (regular or H)	Biology (regular or H)
PE I	Digital Communication Tools
World Language	World Language
World History (appropriate level)	World History (appropriate level)
Introduction to Engineering Design	Introduction to Engineering Design
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Chemistry H	Chemistry H
PE II	Health
World Language	World Language
Principles of Engineering	Principles of Engineering
Elective / Fine Arts Requirement for AHD	Elective / Fine Arts Requirement for AHD
Grade 11	
=1st Semester	=2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP or H
Physics H	Physics H
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language	World Language
Elective	Elective
Major Specialization (1)	Major Specialization (2)
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Precalculus CP / Calculus H-AP / Elective	Precalculus CP / Calculus H-AP / Elective
Major Specialization (3)	Major Specialization (4)
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
- 2 more Math credits
- 2 Fine Arts credits
- For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Biology 1 and 2 reg or H
- Chemistry 1, 2 H
- Physics 1, 2 H
- Algebra I
- Geometry 1, 2 CP / H
- Algebra II CP / H
- Precalculus CP / H
- Introduction to Engineering Design 1, 2 H
- Principles of Engineering 1, 2 H
- Biotechnical Engineering 1, 2 H or Civil Engineering & Architecture H
- World Language I, II, III (3 years)

Choose 2 semesters from one specialty

- Civil Engineering
- AP Calculus 1, 2
- Computers in Design and Construction
- Two Dimensional Art
- Engineering Design and Development H
- Science Research 1, 2 H
- AP Environmental Science 1, 2

Bio- Engineering

- AP Calculus 1, 2
- AP Chemistry 1, 2
- Microbiology (1 sem)
- Genetics (1 sem)
- Anatomy and Physiology 1, 2
- Science Research 1, 2 H
- Genetics 1 or 2 / H
- AP Environmental Science 1, 2

Summer School:

Engineering (Specialties- Civil or Bio-Engineering)

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Geometry CP or H	Geometry CP or H
Biology (regular or H)	Biology (regular or H)
PE I	Digital Communication Tools
World Language	World Language
World History (appropriate level)	World History (appropriate level)
Introduction to Engineering Design	Introduction to Engineering Design
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Chemistry H	Chemistry H
PE II	Health
World Language	World Language
Principles of Engineering	Principles of Engineering
Elective / Fine Arts Requirement for AHD	Elective / Fine Arts Requirement for AHD
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Algebra II CP / PreCalculus CP or H	Algebra II CP / PreCalculus CP or H
Physics H	Physics H
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language	World Language
Elective	Elective
Biotechnical or Civil Engineering	Biotechnical or Civil Engineering
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
PreCalculus CP / Calculus H-AP / Elective	PreCalculus CP / Calculus H-AP / Elective
Major Specialization	Major Specialization
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

SCIENCE, ENGINEERING, AND MATHEMATICS ACADEMY

FOUR YEAR PLAN OF STUDY

Mathematics

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

- Same requirements as Core 40 with the following additions:
- 2 more Math credits
- 2 Fine Arts credits
- For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Biology 1, 2 H
- Chemistry 1, 2 H
- Physics 1, 2 H
- Algebra I H
- Geometry H
- Algebra II H
- Precalculus H
- Calculus H-AP

Choose two (2) semesters from:

- AP Statistics
- Computer Programming 1, 2
- Probability and Statistics 1, 2
- Discrete Mathematics 1, 2
- Web Design I or II
- Visual BASIC (1 sem)
- Science Research H with emphasis in mathematics

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Geometry H	Geometry H
Biology (regular or H)	Biology (regular or H)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
World History (appropriate level)	World History (appropriate level)
Elective / AHD Fine arts requirement	Elective / AHD Fine arts requirement
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Algebra II H	Algebra II H
Chemistry H	Chemistry H
PE II	Health
World Language or Elective	World Language or Elective
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Precalculus H	Precalculus H
Physics H	Physics H
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Calculus H-AP	Calculus H-AP
Academy Elective (1)	Academy Elective (2)
Elective	Elective
Elective / World Language	Elective / World Language
Elective	Elective

FOUR YEAR PLAN OF STUDY

SCIENCE, ENGINEERING, AND MATHEMATICS ACADEMY

Physical Sciences

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

2 more Math credits

2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc. see page 26.

Required Academy Courses

- Biology 1, 2 or 1, 2H
- Earth/Space Science 1, 2
- Chemistry 1, 2 H
- Physics 1,2 H
- Algebra I
- Geometry 1, 2 CP / H
- Algebra II CP / H
- Precalculus CP / H

Choose two (2) semesters from:

- AP Chemistry 1, 2
- Earth/Space: Environmental Issues 2 sems
- Meteorology 1 sem
- Astronomy 1 sem
- AP Physics 1, 2
- Aerospace Engineering H
- Science Research 1, 2 H
- AP Environmental Science

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Algebra 1 / Geometry CP or H	Algebra I / Geometry CP or H
Biology (regular or H)	Biology (regular or H)
PE I	Digital Communication Tools
World Language or Elective	World Language or Elective
World History (appropriate level)	World History (appropriate level)
Elective / AHD Fine arts requirement	Elective / AHD Fine arts requirement
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Geometry CP / Algebra II CP or H	Geometry CP / Algebra II CP or H
Earth Science	Earth Science
PE II	Health
World Language or Elective	World Language or Elective
Elective	Elective
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Algebra II CP / Precalculus CP or H	Algebra II CP / Precalculus CP or H
Chemistry H	Chemistry H
U.S. History (appropriate level)	U.S. History (appropriate level)
World Language or Elective	World Language or Elective
Elective	Elective
Elective	Elective
Grade 12	
1st Semester	2nd Semester
English 12 (appropriate level)	English 12 (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Precalculus CP / Calculus H-AP / Elective	Precalculus CP / Calculus H-AP / Elective
Physics H	Physics H
Academy Elective (1)	Academy Elective (2)
Elective / World Language	Elective / World Language
Elective	Elective

JEFFERSON HIGH SCHOOL

FOUR YEAR PLAN OF STUDY

Core 40

Core 40 Diploma Requirements:

- English: 8 credits
 - Math: 6 credits
 - Science: 6 credits
 - Social Studies: 6 credits
 - Physical Education: 2 credits
 - Health: 1 credit
 - Directed Electives: 5 credits
 - Electives: 6 credits
- (At least 2 years [4 credits] of world language is strongly recommended for college-bound students.)

Academic Honors Diploma (AHD)

Same requirements as Core 40 with the following additions:

- 2 more Math credits
- 2 Fine Arts credits

For specific criteria regarding AP courses, dual credit courses, exam scores, etc., see page 26.

Required Courses:

Six (6) credits from a Career Academic Sequence (CAS).

Summer School:

MY FOUR YEAR PLAN	
Grade 9	
1st Semester	2nd Semester
English 9 (appropriate level)	English 9 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology (appropriate level)	Earth Science / Biology (appropriate level)
PE I	Digital Communication Tools
World History (appropriate level)	World History (appropriate level)
Elective / Fine Arts	Elective / Fine Arts
Elective	Elective
Grade 10	
1st Semester	2nd Semester
English 10 (appropriate level)	English 10 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics	Earth Science / Biology / Zoology / ICP / Environmental Issues / Chemistry / Physics
PE II	Health
Elective / World Language	Elective / World Language
Career Academic Sequence course 1	Career Academic Sequence course 2
Elective	Elective
Grade 11	
1st Semester	2nd Semester
English 11 (appropriate level)	English 11 (appropriate level)
Math (appropriate level)	Math (appropriate level)
Physics / Chemistry / Science Elective	Physics / Chemistry / Science Elective
U.S. History (appropriate level)	U.S. History (appropriate level)
Elective / World Language	Elective / World Language
Career Academic Sequence course 3	Career Academic Sequence course 4
Elective	Elective
Grade 12	
1st Semester	2nd Semester
Senior Literature (appropriate level)	Senior Composition (appropriate level)
Government (appropriate level)	Economics (appropriate level)
Math (appropriate level)	Math (appropriate level)
Elective / World Language	Elective / World Language
Career Academic Sequence course 5	Career Academic Sequence course 6
Elective	Elective
Elective	Elective