

# PERSONAL PROGRAM OF STUDY

Check off credits as you fill in your plan.

## CORE CREDITS

### Language Arts

(4 credits = 8 Trimesters)

Language Arts 9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Language Arts 10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Language Arts 11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Language Arts 12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Math

(3 credits = 6 Trimesters)

Algebra 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Geometry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3 <sup>rd</sup> Qualifying Course	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Social Studies

(3 credits = 6 Trimesters)

World History	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
US History	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Civics/World Issues	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Science

(3 credits = 6 Trimesters)

NGSS Biology	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NGSS Chemistry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3 <sup>rd</sup> Qualifying Course	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Career & Technical Ed.

(1 credit = 2 Tri's)

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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### Fine Arts

(1 credit = 2 Tri's)

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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### Health

(.5 credit = 1 Trimester)

<input checked="" type="checkbox"/>
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### Physical Education

(1.5 credits = 3 Tri's)

## FLEXIBLE CREDITS

### Personal Pathway

(3 credit = 6 Trimesters)

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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### Electives

(6 credits = 12 Trimesters)

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## SKILLED & TECHNICAL SCIENCES PATHWAY

### SAMPLE FOCUS:

## Aerospace/Advanced Manufacturing

<input checked="" type="checkbox"/>	<a href="#">Dual College Credit opportunities</a>
<input checked="" type="checkbox"/>	<a href="#">Industry Certification opportunities</a>

\*Washington State is the world leader in aerospace and advanced manufacturing production and home to more than 1,350 aerospace-related companies employing more than 132,500 highly-skilled aerospace workers. The increase in impending retirements, new emerging technologies and a greater production demand have created challenges for building a skilled 21st century workforce and competing in a global economy. Over the next five years, the state will need more than 7,200 additional aerospace workers to fill the increasing demand.

[\\*Aerospace Joint Apprenticeship Committee](#)

## Sample Course Plan

**17 Core Credits + 9 Flexible Credits = 26 Total Credits required for graduation**

9<sup>th</sup> Grade - Must include at least 2 LA, 2 Math, 2 Science, 1 Health, recommend 1 Computer course\*

Trimester 1	Trimester 2	Trimester 3
Language Arts 9	Language Arts 9	NGSS Biology
NGSS Biology	Algebra	Algebra
Health	IT Academy - Word	Guitar
Algebra	PE	IT Academy - PowerPoint
Industrial Technology - Intro	Industrial Tech – Design Process	Industrial Tech - Manufacturing

10<sup>th</sup> Grade - Must include at least 2 LA, 2 Math, 2 Science, 2 SS

(4-year colleges require 2 credits same World Language)

Trimester 1	Trimester 2	Trimester 3
Language Arts 10	Language Arts 10	NGSS Chemistry
NGSS Chemistry	Geometry	Geometry
World History	World History	PE
Guitar	Robotics	Robotics
Spanish	Spanish	Spanish

11<sup>th</sup> Grade - Must include at least 2 LA, 2 Math, 2 Science, 2 SS

Trimester 1	Trimester 2	Trimester 3
Spanish	Language Arts 11	Language Arts 11
US History	US History	Welding and Plasma Cutting Arts
AP Environmental Science	AP Environmental Science	AP Environmental Science
Algebra 2	PE	Algebra 2
Aerospace/Adv Mfg	Aerospace/Adv Mfg	Aerospace/Adv Mfg

12<sup>th</sup> Grade - Must include at least 2 LA, 2 SS (4-year colleges recommend a 4<sup>th</sup> year of math)

Trimester 1	Trimester 2	Trimester 3
Language Arts 12	Language Arts 12	Civics/World Issues
Civics/World Issues	Bridge to College Math	Bridge to College Math
Computer Programming	Computer Programming	CAD
AJAC Youth Apprenticeship	AJAC Youth Apprenticeship	AJAC Youth Apprenticeship
AJAC Youth Apprenticeship	AJAC Youth Apprenticeship	AJAC Youth Apprenticeship

\*Choose from any IT Academy course, Computer Programming, or AP Computer Science

## After High School Options

**Employment** – Skills learned in high school manufacturing courses can lead to a job immediately upon graduation. Check with your manufacturing teacher for job openings.

**Apprenticeship** – Enter an adult apprenticeship with a head start after completing the AJAC Youth Apprenticeship program.

**College/University** – If your plan includes a degree after high school, be sure to take college entrance requirements into account (such as 2 World Language credits and 4 years of math). Get a head start on earning college credits by taking dual credit courses such as AP/IB courses and AJAC Youth Apprenticeship.

**Military** – Your manufacturing skills translate directly to many jobs in the armed services. See [todaysmilitary.com](http://todaysmilitary.com) for more information.

For help in planning your Personal Program of Study see the [Skilled & Technical Sciences Pathway page](#) on the Renton School District website.

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### Language Arts

(4 credits = 8 Trimesters)

- Language Arts 9
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- Language Arts 11
- Language Arts 12

### Math

(3 credits = 6 Trimesters)

- Algebra 1
- Geometry
- 3<sup>rd</sup> Qualifying Course

### Social Studies

(3 credits = 6 Trimesters)

- World History
- US History
- Civics/World Issues

### Science

(3 credits = 6 Trimesters)

- NGSS Biology
- NGSS Chemistry
- NGSS Physics

### Career & Technical Ed.

(1 credit = 2 Tri's)

### Fine Arts

(1 credit = 2 Tri's)

### Health

(.5 credit = 1 Trimester)

### Physical Education

(1.5 credits = 3 Tri's)

## PERSONAL PATHWAY

(3 credit = 6 Trimesters)

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## ELECTIVES

(6 credits = 12 Trimesters)

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## SKILLED & TECHNICAL SCIENCES PATHWAY

### YOUR FOCUS: \_\_\_\_\_

Many different job areas fall under the Skilled & Technical Sciences Pathway. Choose your area of interest and use this page to plan the courses that will best ensure your success.

For help in planning your Personal Program of Study see the [Skilled & Technical Sciences Pathway page](#) on the RSD website.

## Your Course Plan

**17 Core Credits + 9 Flexible Credits = 26 Total Credits required for graduation**

**9<sup>th</sup> Grade** - Must include at least 2 LA, 2 Math, 2 Science, 1 Health, recommend 1 Computer course\*

Trimester 1	Trimester 2	Trimester 3

**10<sup>th</sup> Grade** - Must include at least 2 LA, 2 Math, 2 Science, 2 SS

(4-year colleges require 2 credits same World Language)

Trimester 1	Trimester 2	Trimester 3

**11<sup>th</sup> Grade** - Must include at least 2 LA, 2 Math, 2 Science, 2 SS

Trimester 1	Trimester 2	Trimester 3

**12<sup>th</sup> Grade** - Must include at least 2 LA, 2 SS (4-year colleges recommend a 4<sup>th</sup> year of math)

Trimester 1	Trimester 2	Trimester 3

## After High School Options

Employment \_\_\_\_\_

Apprenticeship \_\_\_\_\_

College/University \_\_\_\_\_

Military \_\_\_\_\_