Program Information for Class of 2021

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Presentation Objectives

- Understand Indiana graduation requirements
- Discuss programs offered at Shortridge High School
- Discuss components of the Career – Related Program (CP)
- Discuss components of the IB Diploma Program (DP)
- Understand next steps for course selection
# Graduation Requirements

**Core 40 with Academic Honors**

For the **Core 40 with Academic Honors** diploma, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 8-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a “C” or better in courses that will count toward the diploma.
- Have a grade point average of a “B” or better.
- Complete one of the following:
  - Earn 4 credits in 2 or more AP courses and take corresponding AP exams.
  - Earn 8 verifiable transcripted college credits in dual credit courses from the approved dual credit list.
  - Earn two of the following:
    - A minimum of 3 verifiable transcripted college credits from the approved dual credit list.
    - 2 credits in AP courses and corresponding AP exams.
    - 2 credits in IB standard level courses and corresponding IB exams.
  - Earn a composite score of 1250 or higher or a minimum score of 600 on the mathematics section and a 550 on the evidence-based reading section.
  - Earn an AP composite score of 26 or higher and complete written section.
  - Earn 4 credits in IB courses and take corresponding IB exams.

**Core 40 with Technical Honors**

For the **Core 40 with Technical Honors** diploma, students must:

- Complete all requirements for Core 40.
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
  - State approved, industry recognized certification or credential, or
  - Pathway dual credits from the approved dual credit list resulting in 6 transcripted college credits.
  - Earn a grade of “C” or better in courses that will count toward the diploma.
  - Have a grade point average of a “B” or better.
  - Complete one of the following:
    - Any one of the options (A - F) of the Core 40 with Academic Honors.
  - Earn the following scores or higher on WorkKeys: Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information-Level 6.
  - Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 60, Math 75.
  - Earn the following minimum score(s) on Compass: Algebra 88, Writing 70, Reading 80.

## Course and Credit Requirements

<table>
<thead>
<tr>
<th>Credits</th>
<th>Requirement</th>
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<tbody>
<tr>
<td><strong>8 credits</strong></td>
<td>Including a balance of literature, composition and speech.</td>
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</table>
| **6 credits (in grades 9-12)** | 2 credits: Algebra I  
2 credits: Geometry  
2 credits: Algebra II  
2 credits: Integrated Math I, II, and III |
| **6 credits** | 2 credits: Biology I  
2 credits: Chemistry I or Physics I or Integrated Chemistry-Physics  
2 credits: any Core 40 science course |
| **6 credits** | 2 credits: U.S. History  
1 credit: U.S. Government  
1 credit: Economics  
2 credits: World History/ Civilization or Geography/History of the World |
| **5 credits** | World Languages  
Fine Arts  
Career and Technical Education |

**Physical Education**
- **2 credits**

**Health and Wellness**
- **1 credit**

**Electives**
- **(6 credits)** (College and Career Pathway courses recommended)

**40 Total Credits Required**

Schools may have additional local graduation requirements that apply to all students.

* Speaks the number of objectives required by the state. High schools schedules you three to five in core duties during the high school years. All students are strongly encouraged to complete a College and Career Pathway (including electives in a diverse manner) to take full advantage of career and college exploration and preparation opportunities.
Choosing a Program

- Both programs are academically rigorous and will prepare students for college and career.

- Students should review the course catalog and familiarize themselves with course requirements and descriptions.

- Career-Related Program framework allows scholars to specialize in a career-related pathway. Students who pursue a career-related pathway should be prepared for and interested in in-depth study and real world experience related to their career path.

- IB Diploma Program prepares students for any college major by allowing students to pursue studies in multiple subject areas.
Career- Related Program

Shortridge’s Visual and Performing Arts and Engineering Program is focused on Career-Related skills and knowledge. The VPAE is a framework of education that incorporates the vision and educational principles of our school into a unique program specifically developed for students who wish to engage in Career-Related learning. CP students engage with a rigorous study program that genuinely interests them while gaining transferable and lifelong skills.

Shortridge offers the following Career-Related Programs:

- Dance
- Digital Media & Storytelling
- Engineering
- Global Studies
- Instrumental Music
- Theatre (Performance)
- Visual Arts
- Vocal
Career-Related Program

The Career-Related study is designed to prepare students for higher education, an internship or apprenticeship, or a position in a designated field of interest.

The CP develops students to be:
- Academically strong
- Skilled in a practical field
- Critical and ethical thinkers
- Self-directed
- Collaborative
- Confident and assured

A key feature of the CP is that it provides flexibility to allow for career differences. Each program has its own distinctive vision allowing Shortridge to meet the needs, backgrounds and contexts of our students.
CP Course Sequencing

Grade 11

- English
  - DP English
- World Language
  - French
  - Spanish
  - Mandarin
- US History or DP History
- Science
  - Chem, Physics
  - DP Bio, DP Chem, or DP Physics
- Math
  - Alg II
  - DP Math Applications
  - DP Math Analysis
- Personal and Professional skills
- Core career class
- Core career class

Grade 12

- English
  - DP English
- Math
  - DP Math Applications
  - DP Math Analysis
- Personal and Professional skills
- Core career class
- Core career class
- Elective[1]
- Elective
- Elective

[1] Any additional credits required to meet the Core 40 Diploma of the Core 40 with Academic Honors Diploma.
CP Core Components

● Scholars will take at least two DP courses (English and Mathematics)
● Scholars will take Personal and Professional Skills for two years.
● Scholars will complete a service learning project
● Scholars will complete a reflective project based on career-related pathway
● All DP courses are two years in length.
● Scholars will take at least two career-related courses per year.
● Course selection is based upon scholar interest, passion and skill set (well-rounded).
IB Diploma Program

Flexible

Broad

Rigorous Assessment

Balanced

Community Service

Reflection

Inquiry

Critical Thinking

Develops Research skills

Choice within structure

Pre-university

International Baccalaureate Organization 2015
The IB Diploma Program (DP) is an assessed program for students aged 16 to 19. It is respected by leading universities across the globe.

The DP aims to encourage students to be knowledgeable, inquiring, caring and compassionate, and to develop intercultural understanding, open-mindedness and the attitudes necessary to respect and evaluate a range of viewpoints.

Through the DP, Shortridge is able to develop students who:
- have excellent breadth and depth of knowledge
- flourish physically, intellectually, emotionally and ethically
- study at least two languages
- excel in traditional academic subjects
- explore the nature of knowledge
IB Program Components

Subjects

- **Group 1:** Studies in Language and Literature (English)
- **Group 2:** Language Acquisition (Second Language)
  - Spanish, French, Mandarin
- **Group 3:** Individuals and Societies (Humanities)
  - History of Americas, Geography, Econ, Global Studies
- **Group 4:** Sciences
  - Bio, Chem, Physics
- **Group 5:** Mathematics
  - Math Applications
  - Math Analysis
- **Group 6:** The Arts
  - Dance, Film, Music, Theater, Visual Art

Core Components

- **(TOK)** - Theory of knowledge - course in which students reflect on the nature of knowledge and on how we know what we claim to know.
- **(EE)** - The extended essay - an independent, self-directed piece of research, finishing with a 4,000-word paper.
- **(CAS) Creativity, Activity, Service** - students complete an independent service project related to those three concepts.

*All courses are IB level*
IB Program Components

IB Courses

● Scholars take 3 SL and 3 HL courses.
● All courses are two years in length
● SL and HL courses can receive college credit.
● Some colleges and/or majors may want you to focus on a specific HL course.
● Course selection is based upon your interest, passion and skill set (well-rounded).
● Scholars can choose two Group 3 instead of a Group 6.

Class Levels

Standard Level (SL)
● 150 hours of classwork
● Fewer Internal Assessments (IA)
● Less required content to cover (focused on the core)
● Fewer exam papers
● More accessible

Higher Level (HL)
● 240 hours of classwork
● More Internal Assessments (IA)
● More in-depth study
● Includes SL content, but has content extensions
● Generally requires more critical thinking
Next Steps

- Scholars will meet one-on-one with their school counselors to select program and courses.

- Course selections will be made online. Copies of selections will be mailed home to parents/guardians.

- Students and families should read the course catalogue to review course descriptions and requirements: shortridgehigh.org

- Scholars should continue to focus on time-management, critical thinking, communication, and writing skills.

- Scholars who have failed a core academic course should retake the class over the summer. See counselors with questions.

- Scholars not interested in programs offered at Shortridge High School can access other programs via enrollindy.org
Pathway Information for Class of 2021

Mel Coryell - DP Coordinator
Trisha Miller - Lead Counselor
### Core 40 with Academic Honors (minimum 47 credits)

For the **Core 40 with Academic Honors** diploma, students must:
- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a “C” or better in courses that will count toward the diploma.
- Have a grade point average of a “B” or better.
- Complete one of the following:
  A. Earn 4 credits in 2 or more AP courses and take corresponding AP exams
  B. Earn 6 verifiable transcripted college credits in dual credit courses from the approved dual credit list.
  C. Earn two of the following:
     1. A minimum of 3 verifiable transcripted college credits from the approved dual credit list,
     2. 2 credits in AP courses and corresponding AP exams,
     3. 2 credits in IB standard level courses and corresponding IB exams.
  D. Earn a combined score of 1750 or higher on the SAT critical reading, mathematics and writing sections and a minimum score of 530 on each
  E. Earn an ACT composite score of 26 or higher and complete written section
  F. Earn 4 credits in IB courses and take corresponding IB exams.

### Core 40 with Technical Honors (minimum 47 credits)

For the **Core 40 with Technical Honors** diploma, students must:
- Complete all requirements for Core 40.
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
  1. State approved, industry recognized certification or credential, or
  2. Pathway dual credits from the approved dual credit list resulting in 6 transcripted college credits
- Earn a grade of “C” or better in courses that will count toward the diploma.
- Have a grade point average of a “B” or better.
- Complete one of the following,
  A. Any one of the options (A - F) of the Core 40 with Academic Honors
  B. Earn the following scores or higher on WorkKeys; Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information-Level 5.
  C. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75
  D. Earn the following minimum score(s) on Compass; Algebra 66 Writing 70, Reading 80.

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### Course and Credit Requirements

**English/Language Arts**
- **8 credits**
  - Including a balance of literature, composition and speech.

**Mathematics**
- **6 credits (in grades 9-12)**
  - 2 credits: Algebra I
  - 2 credits: Geometry
  - 2 credits: Algebra II
  - Or complete Integrated Math I, II, and III for 6 credits.

**Science**
- **6 credits**
  - 2 credits: Biology I
  - 2 credits: Chemistry I or Physics I or Integrated Chemistry-Physics
  - 2 credits: any Core 40 science course

**Social Studies**
- **6 credits**
  - 2 credits: U.S. History
  - 1 credit: U.S. Government
  - 1 credit: Economics
  - 2 credits: World History/Civilization or Geography/History of the World

**Directed Electives**
- **5 credits**
  - World Languages
  - Fine Arts
  - Career and Technical Education

**Physical Education**
- **2 credits**

**Health and Wellness**
- **1 credit**

**Electives**
- **6 credits**
  - (College and Career Pathway courses recommended)

**40 Total State Credits Required**

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* Specifies the number of electives required by the state. High school schedules provide time for many more electives during the high school years. All students are strongly encouraged to complete a College and Career Pathway (selecting electives in a deliberate manner) to take full advantage of career and college exploration and preparation opportunities.

**Effective beginning with students who enter high school in 2012-13 school year (class of 2016).**
Shortridge High School Career-Related Program

Students enrolling in the career-related program enroll in eight courses each year with two specialized courses in the 11th grade year and up to five courses in grade 12. Student will chose an area of focus and continue in that area for two years. Detailed information about individual courses and course sequencing can be found in our course catalog, www.shortridgehigh.org.

Career Program Course Schedule Overview

Grade 11 (Junior Year)
- English
- World language
- US history
- Science
- Math
- Personal and professional skills
- Two core career classes

Grade 12 (Senior Year)
- English
- Math
- Personal and professional skills
- Two core career classes
- Three Electives

Math
- Algebra II
- DP Math Applications SL*
- DP Math Analysis SL*

Career Programs Offered:
*Course taken for two years

Dance
*The Dance Career-Related Program focuses on the history, writing and performance of dance.*

Prerequisite(s)
- One year of dance or audition into program

Required courses
- Personal and Professional Skills (11 and 12)
- DP Dance* (11 and 12)
- Dance Choreography (11 and 12)

Up to three elective courses
- Independent Study or Internship (12 only)
- Any elective or academic course

Digital Media and Story Telling
*This Career-Related Program focuses on the history, writing and production of media and stories*

Recommend prerequisite(s):
- One year of Journalism and/or Student Media

Required courses
- Personal and Professional Skills (11 and 12)
- DP Film* (11 and 12)
- Student Media (11 and 12), Creative Writing (11 and 12)*

Up to three elective courses
- Independent Study or Internship (12 only)
- An elective or academic course

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1 Any additional credits required to meet the Core 40 Diploma of the Core 40 with Academic Honors Diploma.
Project Lead the Way (PLTW) Engineering
This Career-Related Program focuses on the mathematical and engineering skills as provided by Project Lead the Way

Recommended Prerequisite(s)
- PLTW Introduction to Engineering Design
- PLTW Principles of Engineering

Required courses
- Personal and Professional Skills (11 and 12)
- PLTW Principles of Engineering (11)
- AP Computer Science Principles (11)
- Cybersecurity (PTLW) (12)
- PLTW Engineering Design and Development (12)

Up to three elective courses
- Independent Study or Internship (12 only)
- Any elective or academic course

Global Studies
The Global Studies Career-Related Program focuses on the history, writing and study of global politics.

Required courses
- Personal and Professional Skills (11 and 12)
- DP Global Politics* (11 and 12)
- Current Problems Issues and Events (11 and 12) or JROTC (11 and 12)

Up to three elective courses
- Independent Study or Internship (12 only)
- Ethnic Studies (11 and 12)
- Any elective or academic course

Instrumental Music
This Career-Related Program (band and orchestra) focuses on the history, writing and performance of music.

Recommended Prerequisite(s)
- Two years of music or equivalent or audition

Required courses
- Personal and Professional Skills (11 and 12)
- Music Theory and Composition (11) and AP Music Theory (12) or DP Music (11 and 12)
- Band- Intermediate or Advanced (11 and 12), Orchestra- Intermediate or Advanced (11 and 12) and/or Applied Music (11 and 12)

Up to three elective courses
- Independent Study or Internship (12 only)
- An elective or academic course from any pathway or program

Theatre (Performance)
The Theatre Career-Related Program is divided into Theatre Performance and Theatre Tech. These two programs focus on the history, production and performance aspects of theatre.

Recommended prerequisite(s)
- One year of theater arts or theater production

Required courses
- Personal and Professional Skills (11 and 12)
- Advanced Theater Arts (11 and 12) or DP Theater (11 and 12)
- Advanced Acting and Advanced Technical Theatre (11 and 12)

Up to three elective courses
- Independent Study or Internship (12 only)
- Any elective or academic course

Visual Arts
The Visual Arts Career-Related Program focuses on the history, writing and production of visual arts.

Required courses
- Personal and Professional Skills (11 and 12)
- Advanced Two Dimensional Art and Advanced Three Dimensional Art (11 and 12) or DP Visual Arts (11 and 12)
- Fine Arts Connections (11 and 12)

Up to three elective courses
- Independent Study or Internship (12 only)
- Any elective or academic course

Vocal Music
The Vocal Career-Related Program focuses on the history, writing and performance of chorus.

Recommended Prerequisite(s)
- One year of music or equivalent or audition

Required courses
- Personal and Professional Skills (11 and 12)
- Music Theory and Composition (11) and AP Music Theory (12) or DP Music (11 and 12)
- Choir- Intermediate or Advanced (11 and 12) or Applied Music (11 and 12)

Up to three elective courses
- Independent Study or Internship (12 only)
- Any elective or academic course

2 These prerequisites may be completed during the CP program (grades 11 and 12).
3 Courses are offered alternate years.
Students enrolling in the IB Diploma Program enroll in seven courses each year, all courses are taken for two years (11th and 12th grade). Scholars must choose one course from Group 1 to Group 5. Scholars will choose additional Group 6 or Group 3 course. Scholars must choose 3 Higher Level (HL) courses and 3 Standard Level (SL) courses. Detailed information about individual courses and course sequencing can be found in our course catalog, www.shortridgehigh.org.

**DP Program Course Schedule Overview**

(11th and 12th)

- Group 1: English
- Group 2: World Language
- Group 3: History of Americas
- Group 4: Science
- Group 5: Math
- Group 6: Arts/ Group 3: Humanities
- Theory of Knowledge
- Study Hall/Elective

**Academic Core Classes Offered**

*Courses offered dependent upon student selection*

**Group 1: English**
- DP English Language and Literature HL

**Group 2: World Language**
- DP French Ab Initio SL
- DP Mandarin Ab Initio SL
- DP Spanish Ab Initio SL
- DP Spanish SL/HL

**Group 3: Humanities**
- DP History of the Americas HL

**Group 4: Science**
- DP Biology SL/HL
- DP Chemistry SL/HL
- DP Physics SL/HL

**Group 5: Math**
- Algebra II
- DP Math Applications SL/HL
- DP Math Analysis SL

**Group 6 Art and/or Group 3 Humanities***
- DP Dance HL/SL
- DP Film
- DP Music HL/SL
- DP Theater
- DP Visual Arts HL/SL
- DP Econ HL/SL
- DP Geography HL/SL
- DP Global Politics HL/SL
- DP Information Technology in a Global Society

**Additional Required Courses**
- Theory of Knowledge