

11th Grade CORE OPTIONS



You must register for a full credit of English **every year**. You also need 3 ½ credits of social and 3 full years of math and science **but** an additional year is recommended for students planning on continuing their education after high school – some colleges require 4 years.

If you failed a required/core course, you need to register for it again.

English

11th Grade (GRHS requirement: 4.0 English Credits to graduate)


- **Option 1:**

  IB/CITS[^] English 11 (full year – 3 UMD Credits) #1038 & #2040

- **Option 2 :** English 11 #1015 & #2014





Social (GRHS requirement: 3.5 Social Credits to graduate)

11th-12th Grade options if not taking IB/CITS* courses. These three ½ Credit Courses are required if not taking IB/CITS* social:

1. World History I #1107 (Junior Year)
2. World History II #2103 (Junior Year)
3. Economics #1110 (Senior Year) or  CITS Economics #1116 (Senior Year)

11th Grade IB/CITS* options

1 Credit/Full Year Courses -

-   • IB/CITS[^] History of Europe 11 #1111 & #2106
-   • IB/CITS Geography #1109 & #2107





The following social **electives** are *additional* options beyond the required social credits -

Psychology #1117

Sociology #1112




Math (GRHS requirement: 3.0 Math Credits to graduate)

11th Grade (Advanced Algebra is required if not taken in 10th):



- Advanced Algebra[^]* #1214 & #2214 (*If not completed*)
-   • IB/CITS Pre-Calculus[^]* #1218 & #2219 *UMD Math 1250 Precalculus Analysis*
-   • Early Bird IB/CITS Pre-Calculus[^]* #1202 & #2202: *UMD Math 1250 Precalculus Analysis*

Science (GRHS requirement: 3.0 ScienceCredits to graduate, 1 credit **MUST** be in either Chemistry or Physics)

11th (1 credit Chemistry or Physics required) Choose one course:

- Chemistry* #1308 & #2311
-   • IB/CITS Chemistry I[^]* #1336 & #2336
- Physics with Astronomy* #1320 & #2322
-  • IB Physics I[^]* #1340 & #2340

11th & 12th Science Elective Options:

-  IB Biology I[^] #1305 & #2305 (Full year course)
- Anatomy - Physiology III #1352 (*offered every other year*)
- Brain Anatomy/Physiology #1354 (*offered every other year*) 
- Ecology #1365
- Forensic Science #1360
- CITS Health Science Terminology #1307

CITS: College in the Schools. Credit through Univ. of MN Duluth with a 3.0 GPA

**This class has a required prerequisite*

[^]This course IS a required prerequisite for another course

11th Grade Elective Options

Additional Electives

Career Pathway/Additional Electives



CIS Intro to Healthcare Concepts #1370
CIS Intro to Teaching^ #1845
CIS Class Act Seminar I* #0901
Personal Leadership Development Skills #1682
Foundations in Ojibwe Culture #5555
AVID III* #1897 & #2897
Exploring the World of Business #1515
Classical Guitar #1794 (Art cr.)
Study Hall #1901(Sem. 1) #2901(Sem. 2)

IB Electives



Theory of Knowledge (TOK) I^ #1848
IB Film Studies #1849 & #2849
IB Business and Management #1565 & #2565
IB Biology I^ #1305 & #2305

Agriculture, Food and Natural Resources

Recreational Pet Management #1685
Large Wildlife Management #1678
Small Wildlife Management #1679
Fisheries & Aquatic Management #1681
Greenhouse/Landscaping #1647 (Art cr.)
Outdoor Recreation & Crafts #1625
Forestry #1648
Minnesota Foods #1617
CIS Introduction to Natural Resources #1660
Personal Leadership and Development #1682
Geographic Information Systems #1634
Veterinary Animal Science #1626

Woodland Stewardship (2 Hours - See Mr. Linder for permission)
Woodland Stewardship Leadership (2 Hours - See Mr. Linder for permission)
Advanced GIS (*See Mr. Linder for details*)

Course(s) to be offered on a rotating basis

Veterinary Animal Science #1626 (2024/2025)
Geographic Information Systems #1634 (2024/2025)
Equine (Horse) Management #1628 (2025/2026)
Nat. R. & Agriculture Projects #1653 (2025/2026)
Wide World of Animals #1680 (2026/2027)

Art (Art Credit)

Foundations in Art #1750
Painting 1^ #1764
Painting 2* #1766
Clay #1756

Drawing 1^ #1758
Drawing 2* #1759
Printmaking #1770

Business, Technology, & Marketing

Keyboarding & Business Communications #1501
Python Coding and App #1506 (Art cr.)
Accounting #1538
Multimedia Applications #1554 (Art cr.)
Personal Law #1570
Graphic Design Using Adobe InDesign® #1629 (Art cr.)
Marketing #1502
Website Design #1552 (Art cr.)
Exploring the World of Business #1515
Money Matters #1508 - **Required**

Sports/Entertainment Marketing #1505
 IB Business and Management #1565 & #2565

Course(s) not offered in the 2024/2025 School Year

PC Technology #1824
Hospitality and Tourism #1503

This class has a **required prerequisite*


*^This course IS a **required** prerequisite for another course*





11th Grade Elective Options

Core Electives (Elective Credit)

English



Math


 IB Film Studies #1849 & #2849

  IB/CITS Pre-Calculus[^]* #1218 & #2219: *UMD Math 1250 Precalculus Analysis*
  Early Bird IB/CITS Pre-Calculus[^]* #1202 & #2202:
UMD Math 1250 Precalculus Analysis


Science

Social

 IB Biology I[^] #1305 & #2305 (Full year course)
Ecology #1365
Anatomy - Physiology III #1352
Brain Anatomy/Physiology #1354
Forensic Science #1360
 CITS* Health Science Terminology #1307

Psychology #1117
Sociology #1112
 CITS Economics #1116
Science classes to be offered in the 2025/2026 School Year
Anatomy - Physiology I #1350
Anatomy - Physiology II #1351

Fitness and Wellness

Team Sports #1800
Intense Team Sports #1801
Fitness for Life 1[^] #1807
Fitness for Life 2[^]* #1808
Fitness for Life 3* #1811
Wellness for Life (Health) #1804 - **Required**
 CITS Weight Training #1998

Body Shaping 1[^] #1817
Body Shaping 2[^]* #1820
Dodgeball #1819
Earlybird (7:00 am) Fitness 1[^] #1803
Earlybird (7:00 am) Fitness 2[^]* #1806
Pickleball/Racquet Sports #1813
Backyard Volleyball #1835

Music (Art Credit)

Band

Choose a semester I and a semester II course

Semester I:

Marching Band #1776
Color Guard # 1796 (1 qu./ .25 cr.)
Varsity Band (Non-Marching) #1779

Semester II:

Concert Band #2783
Symphony Band #2784

Full Year:

Jazz Ensemble One #1784 & #2786

Choir

Students interested in choir should register for the following course number and will be placed in the appropriate choir at a later date.

GRHS Choir #1701 & #2701

Tenor-Bass Choir
Treble Choir

A Cappella Choir*
Jazz Choir*

**This class has a required prerequisite*

^This course IS a required prerequisite for another course

11th Grade Elective Options

Music Elective





Classical Guitar #1794
CITS Intro to Music #1797 & #2797* (Elective Credit)

Technical Education

Small Engines^ #1640	Carpentry #1664 (2 Hours/1 credit)
Woodworking^ #1604	Welding^ #1674 (2 Hours/1 credit)
Advanced Woodworking* #1613	Welding/Fabrication* #2678 (2 Hours/1 credit)
GAME: IT 1^ #1645	Introduction to the Automobile^ #1609
GAME: IT 2* #1646	Outdoor Power Sports & Maintenance* #1616
Basic Machining/Metals #1614	Auto Mechanics^* #1605 (2 Hours/1 credit – <i>Need a driver's license</i>)
Design and Print 1^ #1622 (Art cr.)	Adv. Auto Mechanics* #1606 (2 Hours/1 credit)
Design and Print 2* #1623 (Art cr.)	Auto Body #2604 (2 Hours /1 credit) (Art cr.)
Adobe Photoshop #1630 & #2630 (Full year Course)	Fabrication and Design #1675
Engineering Design w/Solidworks^ #1603	
Adv. Engineering Design w/Solidworks* #1611	
Basic Electricity^ #1644	

World Languages

Spanish I^ #1418 & #2420
Spanish II^* #1420 & #2422
  IB/CITS Spanish III^* #1428 & #2424 *UMD SPAN 1102*



A few notes before you make your choices:

- Read through the course descriptions in GRHS Course Catalog and check for the prerequisites and other requirements. The GRHS Course Catalog can be found online at Grand Rapids High School website under the “Academics” tab (<https://www.isd318.org/Domain/13>).
- *Consider your course selections carefully!* Counseling is working hard to reduce the number of schedule changes made each semester. We will alter schedules to fill ‘holes’, balance teacher rosters, and to accommodate changes due to serious academic reasons. Check prerequisites including GPA requirements for CITS and CIS classes.

**This class has a required prerequisite*

^This course IS a required prerequisite for another course