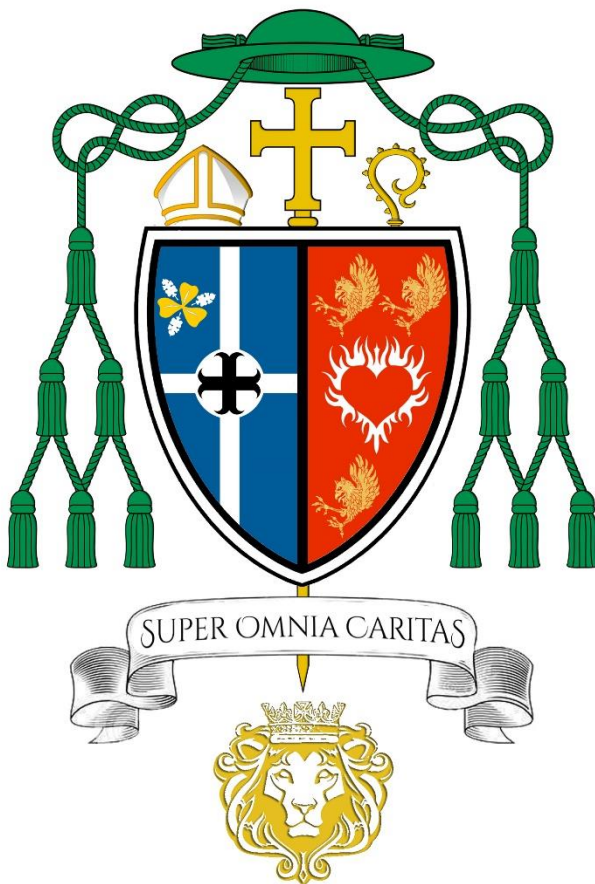


2022- 2023

BISHOP RYAN CATHOLIC SCHOOL REGISTRATION GUIDE



REGISTRATION INFORMATION

All Bishop Ryan high school students will be counseled on graduation requirements during the registration process. Parents are encouraged to participate in the registration process.

Informational meetings for current students (Grades 8-11) and their parents will be scheduled by the end of the first week of March each school year. Students and parents will learn about the educational opportunities available at BRCS, along with potential scholarship information. Each student will receive a course request form prior to their scheduled meeting with instructions to complete the form by a scheduled due date. Course request forms must be signed by a parent/guardian to be official. Information from these forms will be used to create the high school master schedule. Students will not be enrolled in any courses without the submission of the completed form.

Students and parents with questions or concerns following their meeting are invited to schedule an individual follow-up meeting with the principal or academic dean.

NEW STUDENT REGISTRATION

It is mandatory for new students entering grades 6-12 and their parents to meet with either the secondary principal or school counselor to develop a plan of study and class schedule for the school year they are registering for. Meetings will start in early August for the upcoming school year.

NOTE TO PARENTS

It is important for parents to take an active role in their student's course planning to help stay on track with graduation requirements and potential scholarship opportunities.

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BISHOP RYAN CATHOLIC SCHOOL REQUIREMENTS FOR GRADUATION (2022-23)

26 credits

The following are the minimum standard requirements of all students graduating from Bishop Ryan:

Religion (4 credits)

Religion 9 (one credit)
Religion 10 (one credit)
Religion 11 (one credit)
Religion 12 (one credit)

**Two religion credits may be used to fulfill elective credits.*

Starting with the Class of 2026, Formal Logic I will be an additional required course for graduation.

Mathematics (3 credits)

Elective (one credit)
Elective (one credit)
Elective (one credit)

**Most four-year colleges and universities require three credits of math, Algebra I and higher, for admission.*

Science (3 credits)

Physical Science (one credit)
Biology (one credit)
Elective (one credit)

**Science credits must include one credit of a lab science like Chemistry or Anatomy.*

English Language Arts (4 credits)

Speech (half credit)
English 9 (one credit)
English 10 (one credit)
English 11 (one credit)
One additional English elective (half credit)

Social Studies (3 credits)

World History (one credit)
United States History (one credit)
Problems of Democracy (one credit)

Physical Education (1 credit)

Physical Education 9/10 (half credit)
Wellness 11/12 (half credit)

**A half credit can come from Health.*

Electives (8 credits)

Three credits must come from Foreign Language, Career & Technical Education, or Fine Arts.

Five additional credits are needed, which may include the two Religion credits noted above.

BISHOP RYAN CATHOLIC SCHOOL WEIGHTED GRADING SCALE

Dual-credit and AP courses are offered on a scale weighted to 1.25 (or a 5.0 scale).

Letter Grade	Percentage	Unweighted GPA	Weighted GPA
A	100-92	4.0	5.0
B	91-83	3.0	3.75
C	82-74	2.0	2.5
D	73-66	1.0	1.25

PLANNING FOR GRADUATION

Students planning to attend a post-secondary school should be aware of the general entrance requirements and select a strong academic program which will meet more than just the minimum requirements.

Students planning to attend a **four-year North Dakota college or university** must successfully complete the following:

- four credits of Language Arts
- three credits of Mathematics (Algebra I and above)
- three credits of Laboratory Sciences
- three credits of Social Studies

To qualify for the **North Dakota Academic Scholarship**, students must have the following:

- the North Dakota graduation requirements (fulfilled through Bishop Ryan graduation requirements)
- two units of the same foreign language or CTE plan of study
- one dual-credit course (½ credit)
- a grade of at least a "C" in all enrolled courses
- a composite ACT score of at least 24, recorded before February of the student's senior year
- one credit of math for which Algebra II is a prerequisite
- a 3.0 grade point average

The North Dakota Academic Scholarship is an award honored by the following state colleges and universities:

Bismarck State College	North Dakota State College of Science	United Tribes Technical College
Cankdeska Cikana Community College	North Dakota State University	University of Jamestown
Dakota College at Bottineau	Nueta Hidatsa Sahnish College	University of Mary
Dickinson State University	Rasmussen College	University of North Dakota
Lake Region State College	Sitting Bull College	Valley City State University
Mayville State University	Trinity Bible College	Williston State College
Minot State University	Turtle Mountain Community College	

For more information, please refer to the State of North Dakota Graduation & Scholarship Worksheet on page 9.

COLLEGE EXPLORATION

The links below are a good place to start the process of college exploration. The first two sites are national sites that will give you information about colleges all over the U.S. (The *RU Ready* site is specific to North Dakota colleges.) It is recommended that students begin to explore colleges and after-graduation plans as early as their freshman year of high school. Finalized plans for college should be made at the end of junior year so senior year can be dedicated to college applications and applying for scholarships and financial aid.

Resources:

Big Future: bigfuture.collegeboard.org/find-colleges

College Navigator: nces.ed.gov/collegenavigator

RU Ready ND: www.ruready.nd.gov

CAREER EXPLORATION

RU Ready ND: www.ruready.nd.gov

This site is free for all North Dakota students to use and is a great place to start for career exploration, college planning, and financial aid information.

Gigniks: www.gigniks.org/videos.html

Want to know more about a career you are interested in? Watch these short videos made by students for students to learn more about an area of interest.

O*Net Online: www.onetonline.org

Look at statistics on the outlook, pay, and working conditions for future careers you are interested in. Also, look up careers that will match your abilities, interests, and values.

ND WIN: www.ndworkforceintelligence.com

Part of Job Service ND, this site focuses on labor market information in ND. Similar to O*Net, but specifically geared to information about jobs in ND.

ND Youth Forward: www.ndyouthforward.com

A great resource to help you explore careers, find an internship or job. It even has parent resources and is geared toward opportunities in ND.

ASVAB

ASVAB (Armed Services Vocational Aptitude Battery) is a standardized test that rates an individual's aptitude for service in the United States Armed Forces. It is not an intelligence test, but rather tests one's strengths and weaknesses in a number of areas. There are nine test sections: general science, arithmetic reasoning, work knowledge, paragraph comprehension, mathematics knowledge, electronics information, auto and shop information, mechanical comprehension, and assembling objects.

A National Guard representative will come to Bishop Ryan to administer the ASVAB to the juniors each year. The representative will also interpret the scores for the students and explain how these results will help in preparation for college and career choices, especially for a future in the military.

ASVAB Preparation Sites:

uniontestprep.com/asvab

www.4tests.com/asvab

www.asvabpracticetests.com

www.march2success.com/main/index

****Create a free account to get help with test preparation and much more.**

ACT

The ACT is a college readiness standardized exam for high school students. Most colleges and universities in the Midwest require students to take the ACT as an entrance exam for college. These scores, along with high school transcripts, need to be sent with college applications to help determine acceptance. The exam has five sections: English, Math, Reading, Science Reasoning and Writing, and scores range from 1 to 36.

The state of North Dakota pays for every junior to take the ACT in March each year. Students may re-take the test as many times as they'd like to work on increasing their scores for college applications. Any additional attempts of the ACT would be at the student's own expense.

Additional information about the ACT can be found at the following sites:

ACT Registration and Fee Information:

www.actstudent.org/regist/index.html

ACT Test Preparation:

actstudent.org/testprep

www.act.org/content/act/en/products-and-services/the-act/test-preparation/act-online-prep.html

<https://tn.actonline.act.org/client/index.html>

www.ruready.nd.gov

www.march2success.com/main/index

PRE-ACT

The Pre-ACT simulates the ACT testing experience within a shorter test window on all four ACT test subjects: English, Math, Reading, and Science. The Pre-ACT score and predicted ACT score ranges align to the ACT scale of 1-36. This is helpful to determine what a student's projected ACT score might be, as well as identifying areas where increased study may boost ACT scores and determining how successful a student would be in AP classes.

Bishop Ryan pays for each sophomore to take the Pre-ACT each year.

COLLEGE PLANNING CHECKLIST BY YEAR

FRESHMAN YEAR

- ☐ Keep grades up and maintain a solid grade point average. Remember, every class counts now!
- ☐ Get involved in extracurricular activities.
- ☐ Work on your four-year plan with your counselor.
- ☐ Get involved in your community.
- ☐ Start exploring your interests!

SOPHOMORE YEAR

- ☐ Explore careers by interviewing adults in occupations of interest
- ☐ Create an account with RU Ready ND at secure.ruready.nd.gov. Take the Career Interest Inventory and discuss the results with your school counselor and parents.
- ☐ Visit college campuses and attend college and career fairs.
- ☐ Take the October PSAT. Your counselor will arrange this exam and complete your registration for you. (This test also can help with future placement in AP classes.)
- ☐ Focus on your academic work and meet your goals for good grades.
- ☐ Continue your extracurricular activities, sports, and volunteer work.
- ☐ Create a resume. Record all summer jobs, activities, volunteer work, and leadership activities for future use.
- ☐ Go online to locate college and financial aid information.
- ☐ Meet with your school counselor in the spring to plan which classes you will be taking during your junior and senior years, including any AP and Dual-Credit courses.
- ☐ Plan summer activities, find a summer job, or volunteer in your community.

JUNIOR YEAR

--FALL--

- ☐ Meet with counselor to ensure you are on track for senior year.
- ☐ Schedule college visits to see what you like/dislike about different colleges.
- ☐ Take the ASVAB career inventory.
- ☐ Begin studying for the ACT. Stop in the counseling office for resources and learn how to find free prep exams.

--SPRING--

- ☐ Continue college visits
- ☐ Register for the SAT, if needed based on university choice.
- ☐ Take the ACT. (Your counselor will help with registration.)
- ☐ Make an appointment with your counselor to discuss your schedule for senior year. Consider taking dual-credit and AP courses.
- ☐ Explore sources of scholarships and financial aid. Create an account with Dollars for Scholars.
- ☐ Explore summer jobs, academic enrichment, and volunteer opportunities.
- ☐ Prepare for AP exams.

--SUMMER--

- ☐ If taking a summer vacation, include a college visit and a tour.
- ☐ Complete a draft of a personal statement that could be used on resumes or applications.
- ☐ Continue your college research. Read guidebooks, visit websites, talk to current students, visit college campuses, and read about admissions and application requirements.
- ☐ Work on narrowing down the list of schools you would like to apply to.
- ☐ Organize yourself. Mark a calendar with important application dates.
- ☐ Register for the Fall SAT/ACT, if you want to retake the exam.
- ☐ Update your resume with activities, jobs, and community service.
- ☐ Review your college admission requirements to ensure that you have taken/are taking everything required.
- ☐ Make a list of all essay and short answer topics for each college.
- ☐ Continue to explore scholarships.

SENIOR YEAR

--AUGUST--

- Start the school year with academically challenging classes to prepare you for college expectations. Consider taking dual-credit courses to begin gaining college credit.
- Start a calendar to keep track of college and scholarship applications and deadlines. Stay organized and up-to-date with your applications to prevent undue stress.
- Talk to your counselor if you need to retake the ACT.

--SEPTEMBER--

- Register to take the October ACT or SAT if you have not done so or if you are not satisfied with your results. Remember that some selective schools often require some of the SAT Subject Tests in addition to the ACT or SAT. Register for the SAT online at www.sat.collegeboard.org and for the ACT at www.actstudent.org. Each test registration packet comes with a study booklet to help you prepare and improve your scores. Free practice tests for the ACT are available at <https://tn.actonline.act.org/client/index.html>.
- Futurepalooza at MSU: This College and Career Fair includes information in various career fields.
- Deadline for *Student of Integrity Scholarship*, given through the Better Business Bureau.
- Clarify your educational goals, needs, and preferences and develop a preliminary list of colleges. Use resources in the counseling office, library, or on the internet to assist you.
- Schedule any remaining college/campus visits for some time during the fall.
- Reduce your preliminary college list to approximately 3-6 schools. Most schools have an online application process. If you have problems completing this or need assistance, see your counselor. Pay close attention to due dates as well as what you need to submit with your application.
- Update your resume. Make sure it includes your activities, awards, and community involvement.
- Schedule your senior meeting with your counselor. There are several things that will be discussed at this meeting: graduation requirements, college, scholarships and grants, and a lot more!

--OCTOBER--

- Decide whom to ask for letters of recommendation, and ask them now. Be sure to choose people who know you well and can write effectively about your academic and personal qualifications. When you ask, be sure to provide the person with your resume, any forms they might need, and an addressed/stamped envelope. Make sure you read all your college applications thoroughly so that you have all the information needed.
- The FAFSA process begins October 1st. Access the FAFSA at fafsa.ed.gov. If you have questions regarding the FAFSA, contact your counselor.
- Mail all your applications as early as possible. Do not wait until the application deadline. Be sure to make a copy of all your application materials in the case they get lost.
- Check for new scholarship opportunities. Your counselor will provide faculty mentors with new information as it becomes available. There are also scholarship opportunities posted outside Mr. Lee's door.

--NOVEMBER--

- Read through the application materials of the colleges you are interested in and write due dates on your calendar.
- If essays are required for your application, develop a rough draft. Ask your English teacher to proofread your essays and make any changes based on their suggestions and corrections. Pay special attention to any requests for a "personal statement" as part of your application.
- Make sure you know which financial aid forms (such as the FAFSA or the PROFILE) your college requires.

--DECEMBER--

- Finalize your application essays. They must be typed and free of errors.
- Check for additional scholarship opportunities.
- Make sure your FAFSA is completed.
- Turn in your senior writing project prior to Christmas break. This helps with letters of recommendation.

--JANUARY--

- Double check deadlines. Some schools have due dates as soon as the first week of January.
- Notify your counselor if you need a copy of your current transcript sent to any schools for a mid-year report.
- Make copies of all forms you submit and keep them organized by school.

--FEBRUARY--

- Continue checking for scholarships. Many local scholarships become available in the spring.

--MARCH--

- Listen for announcements for AP testing. Please ask your AP teacher or counselor if you have questions.

--APRIL--

- Most selective schools start to announce their decisions in April. If you are accepted by more than one of your choices, make your final decision on which school is right for you based on factors that are most important to you. While others may assist you in this process, the decision is ultimately yours.
- Carefully review financial aid award notices from colleges. Call financial aid and the admissions office with questions.

--MAY--

- As soon as possible after May 1, notify the college of your choice of your decision to attend. Also notify colleges that have accepted you of your decision not to attend.
- If you have been offered financial aid, be certain to accept the offer as instructed by your award letter. Remember that financial aid must be applied for yearly.
- Remember to notify your counselor of where you will be attending and request that your transcript be sent there. Official transcripts will be sent out when final grades are recorded.
- BRCS Graduation: May 30, 2021.

FUNDING YOUR COLLEGE PLANS

FAFSA

The Free Application for Federal Student Aid is the first step in the college financial aid process. **It must be completed every year by students seeking financial aid.** Financial aid includes grants, scholarships, work-study programs, and student loans. **This is necessary to apply for all types of loans for college, so it is very important that you complete it.** The application is free to complete.

Most financial aid is based on financial need. Financial need is the difference between the cost of attendance for a college and your Expected Family Contribution (EFC). The cost of attendance is determined by the school and includes tuition and fees, books, supplies, room and board, personal expenses and transportation. The EFC is calculated from the information you put on the FAFSA. It is affected by dependency status, household size, income, assets, and the number of household members enrolled in college or trade schools.

Some people mistakenly believe they won't qualify for financial aid because they make too much money or have too many assets. **Almost every student qualifies for an unsubsidized Federal Direct Student Loan, so it is important to complete the FAFSA.** Even if a student loan isn't necessary, it is a good idea to complete the application because it will identify any grants or scholarships available to you.

To complete the FAFSA, go to fafsa.ed.gov. You will need the student's social security number and date of birth; the tax return from the previous tax year for the parent and, if applicable, the student; untaxed income records from the previous year (veteran's benefits, child support, worker's compensation, etc.); and a list of assets.

The Bank of North Dakota hosts Financial Aid Information Nights through webinars which can be watched from home. The informational sessions are held on a variety of dates starting in October. More information on this is available at bnd.nd.gov/fain.

Once you complete the FAFSA, you'll need to list the schools you're interested in attending. Your FAFSA application is sent to those schools, and the ones where you've applied and been accepted will send you award letters stating how much you can receive in financial aid. In addition to the grants, scholarships and work-study programs you may qualify for, the letter will also provide information on the type and amount of federal student loans you can receive.

SCHOLARSHIPS

More information about and links to college scholarship opportunities are provided at the end of this catalog, starting on page 38.

BISHOP RYAN CATHOLIC SCHOOL GRADUATION AUDIT

CORE COURSE GRADUATION SUMMARY

<i>Course of Study</i>	<i>Required Credits</i>	<i>Credits Earned</i>	<i>Credits Remaining</i>
English Language Arts	4		
Mathematics	3		
Physical Education/Health	1		
Science	3		
Social Studies	3		
Religion	4		
Electives	8		
CTE	0		

TOTAL CREDITS EARNED	TOTAL CREDITS REMAINING

COURSES BY CLASS

ENGLISH LANGUAGE ARTS: 4 credits required

<i>Course</i>	<i>Completed</i>	<i>Credit Earned</i>		<i>Course</i>	<i>Completed</i>	<i>Credit Earned</i>

MATHEMATICS: 3 credits required

<i>Course</i>	<i>Completed</i>	<i>Credit Earned</i>		<i>Course</i>	<i>Completed</i>	<i>Credit Earned</i>

PHYSICAL EDUCATION/HEALTH: 1 credit required

<i>Course</i>	<i>Completed</i>	<i>Credit Earned</i>		<i>Course</i>	<i>Completed</i>	<i>Credit Earned</i>

SCIENCE: 3 credits required

Course	Completed	Credit Earned

Course	Completed	Credit Earned

SOCIAL STUDIES: 3 credits required

Course	Completed	Credit Earned

Course	Completed	Credit Earned

RELIGION: 4 credits required

Course	Completed	Credit Earned

Course	Completed	Credit Earned

ELECTIVES: 8 credits required

Course	Completed	Credit Earned

Course	Completed	Credit Earned

CTE CLASSES

Course	Completed	Credit Earned

Course	Completed	Credit Earned

DUAL ENROLLMENT CLASSES

Course	Completed	Credit Earned

Course	Completed	Credit Earned

NCAA REQUIREMENTS

Base requirements for participating in NCAA Division I athletics are 16 core courses with a core-course GPA of at least 2.0, an ACT/SAT sum score matching the core-course GPA on the Division I sliding scale, and a high school diploma.

College-bound student-athletes preparing to enroll in a Division I or II school need to register with the NCAA Eligibility Center to ensure they have met amateurism standards and are academically prepared for college coursework.

COURSE	CREDITS EARNED
English	
Mathematics	
Science	
Social Studies	
Additional Courses	

ACT/SAT sum score:	
Corresponding sliding scale GPA:	

Do you intend to apply for admission to an NCAA school and compete in NCAA-sanctioned activities?

Yes No
(Please circle one.)

If yes, do you qualify to compete at the NCAA level, based on the four-year plan outlined?

Yes No
(Please circle one.)

NORTH DAKOTA SCHOLARSHIPS

Two merit-based scholarship opportunities were created during the 2009 legislative session: the North Dakota Academic Scholarship and the North Dakota Career & Technical Education (CTE) Scholarship. In order to qualify for either of these scholarships, students must fulfill certain curricular and achievement criteria. The worksheet that follows on page 9 provides more details.

Do you intend to apply for the North Dakota Academic or Career & Technical Education Scholarships?

Yes No
(Please circle one.)

If yes, please ensure that your four-year curriculum plan includes all courses necessary for qualification.

Based on your current track, you ARE / ARE NOT eligible for the ND State Scholarships.

Please refer to the worksheet on page 10 for more information on requirements.

Parents and students are welcome to set up an appointment with Dr. Bryans to discuss academic planning appropriate for each student's educational path. Please email sbryans@brhs.com or call (701) 838-3355, option 2, to make your appointment.

Parent's printed name

Parent's signature

Date

Administrator's printed name

Administrator's signature

Date

Please note: This graduation audit is meant to be a planning document only; it is not a binding contract to provide the outlined services. It is the will and intention of the school to provide the educational opportunities necessary for students to be successful upon graduation, but Bishop Ryan Catholic School reserves the right to modify course offerings based upon teacher availability and strategic curricular planning. The plan outline above is subject to change.

STATE OF NORTH DAKOTA GRADUATION & SCHOLARSHIP WORKSHEET

Student Name: _____ Year of Graduation: _____

Current ND Graduation (page 1) and Scholarship Worksheet (page 2)

Directions: ND High School Diploma - 22 units of credit required (2012 graduation and beyond). For units of credit earned (*one unit = one full credit*): record the grades in the boxes, then list the unit of credit, and then list the course title. (For additional information about ND Diplomas and Scholarship Information, go to <https://www.nd.gov/dpi/sites/www/files/documents/Early%20Learning/ND%20Diploma%20and%20Scholarship%20Information.pdf>)

1. 4 units of English language arts from a sequence that includes literature, composition, and speech:

Letter Grade	Unit Credit	Course Title	Letter Grade	Unit Credit	Course Title

2. 3 units of math, which may include 1 unit of computer science approved by the Superintendent of Public Instruction:

Letter Grade	Unit Credit	Course Title	Letter Grade	Unit Credit	Course Title

3. 3 units of science, including (choose 1 column for your sciences):

Letter Grade	Unit Credit	Course Title	Letter Grade	Unit Credit	Course Title
	1	Biology		1	Biology
	1	Chemistry		1	Physical Science
	1	Physics		1	Any other science

4. 3 units of social studies, including:

Letter Grade	Unit Credit	Course Title
	1	U.S. History
	½	U.S. Government and
	½	Economics OR
	1	Problems of Democracy
		ND Civics test

- 1 unit (**OR** two half-units) of any other social studies

Courses which may include: civics, civilization, geography and history, multicultural studies, ND studies, psychology, sociology, and world history

Letter Grade	Unit Credit	Course Title

5. 1 unit of physical education, **OR** ½ unit physical education **AND** ½ unit health:

Letter Grade	Unit Credit	Course Title	Letter Grade	Unit Credit	Course Title

6. 3 units of foreign languages; Native American languages; fine arts; **OR** career and technical education courses:

Letter Grade	Unit Credit	Course Title	Letter Grade	Unit Credit	Course Title

7. Any 5 additional units of credit:

Letter Grade	Unit Credit	Course Title	Letter Grade	Unit Credit	Course Title

See reverse for ND Scholarship requirements. Questions? Contact: DPI at 701-328-2244 or ND Dept of Career & Tech Ed at 701-328-3103

The six items below are **Common Eligibility requirements for both the Academic and CTE Scholarship Programs**. The student must complete all the six following requirements for either scholarship. ☒ Check the boxes below as the six common eligibility requirements are met.

- ☐ 1. North Dakota resident.
- ☐ 2. Graduate from a high school in North Dakota, from a public high school in a bordering state (according to provisions set forth in ND Century Code 15.1-29), from a nonpublic high school in a bordering state while the student resides with a custodial parent in ND (NDCC 15.1-21-02.6), or completes a program of home education supervised in accordance with NDCC chapter 15.1-23.
- ☐ 3. Complete the diploma requirements from sections 1-7 listed on page 1 (NDCC 15.1-21-02.2).
- ☐ 4. Obtain a grade of at least "C" in each unit **OR** ½ unit required by each respective scholarship.
- ☐ 5. Obtain a cumulative grade point of at least a 3 on a 4.0 scale based on the 22 units required by ND for high school graduation, including specific scholarship course requirements. The GPA must be rounded to the nearest hundredth for eligibility purposes.
- ☐ 6. Complete 1 unit of algebra II.

ND Career and Technical Education Scholarship Eligibility Requirements. ☒ Check the boxes below as the CTE Scholarship eligibility requirements are met. Transfer information to the first page.

In addition to the common eligibility requirements listed above, the student must also complete the following:

- ☐ Complete one of the following:
 - 4 units of career and technical education in which 2 units must be from a coordinated plan of study recommended by the ND Dept. of Career & Technical Education. Coordinated Plans of Study may be viewed at: <http://www.nd.gov/cte/programs/career-dev/plans-of-study.html>; **OR**
 - 2 units of CTE and 3 units from an Educational Pathway consisting of 1 unit of Teaching Profession, 1 unit of Educational Methodology, and 1 unit to be selected from the following: DC Psychology, AP Psychology, Child Development, Peer-to-Peer Leadership, or Child-Related Careers.
- ☐ 1 unit selected from foreign languages, Native American languages, American Sign Language, fine arts, or career and technical education
- ☐ Receive a composite score of at least 24 on an ACT, or a score of at least '5' on each of the three designated WorkKeys assessments listed below. (*Deadline is the March ACT national test date from senior year.**)

List the ACT Composite Score

OR

List the 'Level Score' for each WorkKeys assessments

ACT Composite Score

<input type="text"/>	Applied Math score
<input type="text"/>	Graphic Literacy score
<input type="text"/>	Workplace Documents score

ND Academic Scholarship Eligibility Requirements. ☒ Check the boxes below as the Academic Scholarship eligibility requirements are met. Transfer information to the first page.

In addition to the common eligibility requirements listed above, the student must also complete the following:

- ☐ 1 unit of mathematics for which algebra II is a prerequisite
- ☐ Complete one of the following:
 - 2 units of the same foreign language; the same Native American language; American Sign Language; or career and technical education from a coordinated plan of study; **OR**
 - 2 units of CTE/Foreign Language/Fine Arts and 3 units from an Educational Pathway consisting of 1 unit of Teaching Profession, 1 unit of Educational Methodology, and 1 unit to be selected from the following: DC Psychology, AP Psychology, Child Development, Peer-to-Peer Leadership, or Child-Related Careers.
- ☐ 1 unit selected from foreign languages; Native American languages; American Sign Language; fine arts; or career and technical education
- ☐ 1 unit of an advanced placement course and examination; or ½ unit of a dual credit course; or 1 unit of an early entrance college course from a college which has a physical presence in North Dakota
- ☐ Receive a composite score of at least 24 on an ACT (*Deadline is the March ACT national test date from senior year.**)

**Any ACT tests taken later than the deadline have no guarantee that the results will be back by the June 1 deadline. Any official results for ACT tests taken after the March deadline must be sent to NDDPI by the student.*

Updated 09/30/2019

DIVISION I ACADEMIC REQUIREMENTS

CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division I school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

ACADEMIC REDSHIRT

All Division I academic redshirts may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division I school, but may NOT compete.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

INTERNATIONAL STUDENTS

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

For information on Division II, view the [Division II academic requirements flyer](#).



TEST SCORES

If a student-athlete plans to attend an NCAA Division I college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division I full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Fall2022.

An SAT combined score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

CORE-COURSE LIST

Student-athletes should check to see if their high school has a list of **NCAA-approved core courses**. No core-course list means courses taken from that high school will not count toward NCAA eligibility.

ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's list of **NCAA-approved core courses**.

BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the **NCAA Eligibility Center** during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

Want more information? Visit
ncaa.org/playcollegesports.

Follow us:  @ncaaec  @playcollegesports  @ncaaec

DIVISION I FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.550	400	37	2.750	810	59
3.525	410	38	2.725	820	60
3.500	430	39	2.700	830	61
3.475	440	40	2.675	840	61
3.450	460	41	2.650	850	62
3.425	470	41	2.625	860	63
3.400	490	42	2.600	860	64
3.375	500	42	2.575	870	65
3.350	520	43	2.550	880	66
3.325	530	44	2.525	890	67
3.300	550	44	2.500	900	68
3.275	560	45	2.475	910	69
3.250	580	46	2.450	920	70
3.225	590	46	2.425	930	70
3.200	600	47	2.400	940	71
3.175	620	47	2.375	950	72
3.150	630	48	2.350	960	73
3.125	650	49	2.325	970	74
3.100	660	49	2.300	980	75
3.075	680	50	2.299	990	76
3.050	690	50	2.275	990	76
3.025	710	51	2.250	1000	77
3.000	720	52	2.225	1010	78
2.975	730	52	2.200	1020	79
2.950	740	53	2.175	1030	80
2.925	750	53	2.150	1040	81
2.900	750	54	2.125	1050	82
2.875	760	55	2.100	1060	83
2.850	770	56	2.075	1070	84
2.825	780	56	2.050	1080	85
2.800	790	57	2.025	1090	86
2.775	800	58	2.000	1100	86

*Full sliding scale research between the new SAT and ACT is ongoing.

ACADEMIC REDSHIRT



COURSE DESCRIPTIONS

ART

Middle School

Art 7

Open to Grade 7

This course will be an introduction to a variety of media, techniques and processes, to include an exploration in two-dimensional as well as three-dimensional art processes. The course will offer a beginning exploration in color theory.

elective

semester

Art 8

Open to Grade 8

This course is a continuation of the 7th grade art class, to include further exploration in a variety of media, techniques and processes. The course will cover two- and three-dimensional art as well as basic theories and vocabulary of art.

elective

semester

High School

Art Fundamentals (G)

Open to Grades 9, 10, 11, 12

Art Fundamentals provides the student with an in-depth study of the elements and principles of design. Basic drawing techniques as well as color theory will be introduced. This course is the foundation in the study of art processes. *This course is a prerequisite to Design & Color, Drawing, and Advanced Art.*

elective (½ Credit)

semester

Arts & Crafts (G)

Open to Grades 9, 10, 11, 12

In this course, students will explore a variety of crafts such as ceramics, printmaking, paper making, sculpture, textiles and other creative craft works.

elective (½ Credit)

semester

Commercial Art (G)

Open to Grade 12

This course teaches students to use artistic techniques to effectively communicate ideas and information to business and customer audiences via illustration and other forms of digital or printed media. Topics covered may include concept design, layout, paste-up, and techniques such as engraving, etching, silkscreen, lithography, offset, drawing and cartooning, painting, collage and computer graphics.

elective (½ Credit)

semester

Drawing (G)

Open to Grades 9, 10, 11, 12

Prerequisite: Art Fundamentals

Drawing focuses on two-dimensional work using a variety of mediums such as pencils, pens, oil pastels, chalk pastels, ink, etc. This course incorporates visual thinking skills and the creative process. Areas of study include line, value, perspective and shading with a focus on the elements and principles of design.

elective (½ Credit)

semester

Design & Color (G)

Open to Grades 9, 10, 11, 12

Prerequisite: Art Fundamentals

This course will have a high emphasis on color theory, color relationships, and techniques with color with a focus on the design elements. Students will explore color using a variety of mediums such as pastels, paint, watercolors, colored pencils, etc.

elective (½ Credit)

semester

Advanced Art I (G)

Open to Grades 10, 11, 12

Prerequisite: Art Fundamentals, Drawing and Design & Color

This course is designed as an advance study in art, incorporating art history, culture, and symbols in art. In this course students explore representation, abstraction, and experimentation with a variety of drawing and painting materials.

elective (½ Credit)

semester

Advanced Art II (G)

Open to Grades 10, 11, 12

Prerequisite: Advanced Art I

In this course, advanced students will focus on portfolio development as they continue to develop skills in producing high quality works of art. Emphasis is placed on creating more complex visual statements. A wide range of materials and processes will be further explored, and students will have the opportunity to focus on a chosen subject or medium.

elective (½ Credit)

semester

BUSINESS & INFORMATION TECHNOLOGY

High School

Business Fundamentals (G, ND, CTE)

Open to Grades 9, 10, 11, 12

Students will be introduced to the world of business and prepare for the economic roles of consumer, worker, and citizen. The content may include a study of the business environment and strategies for creating, financing, marketing and managing a business. This course will also serve as a background for other business courses in high school and college.

elective (½ Credit)

semester

Financial Literacy (G, ND, CTE)

Open to Grades 9, 10, 11, 12

Students will study the impact of financial choices on personal and occupational goals and future earnings potential. Real world topics include checking accounts, budgeting, saving for large purchases, using credit cards, figuring interest and fees, being a responsible consumer, earning power, learning about taxes and paycheck withholding, college costs, mortgages, retirement savings, and investments. This course will provide a foundational understanding for making informed personal financial decisions.

elective (½ Credit)

semester

IT Internship (G, ND, CTE)

Open to Grade 12

This course serves as an integrative experience that is designed to give students the opportunity to expand their knowledge in the IT career pathway. It is a project-based course that incorporates 21st Century Skills including thinking critically and solving challenging problems. This course is an extension of an IT pathway class that a student has already completed or is concurrently in. The student will learn, refine, and apply skills necessary to be successful in IT related careers. Projects that incorporate the broader community and/or some aspect of "giving back" to others outside of school learning experiences are highly encouraged.

elective (½ Credit)

semester

Accounting I (G, CTE)

Open to Grades 10, 11, 12

Accounting I will introduce students to personal and business accounting for use in their everyday lives. Students are instructed in procedures with beginning accounting for a small business. This course is beneficial to all students because nearly everyone earns money and must submit tax reports or keep personal financial records. Integrated automated accounting provides "hands-on" experience with computer business applications. Activities include guest speakers and field trips.

elective (½ Credit)

semester

Accounting II (G, CTE)*Open to Grades 10, 11, 12**Prerequisite: Accounting I*

Students will continue learning accounting procedures for personal and business use. Instruction will cover the accounting cycle for a sole proprietorship and partnership. Automated accounting software will also be used for this course. Students will be introduced to basic corporate accounting, including stocks and bonds. Activities include guest speakers and field trips.

elective (½ Credit)*semester***Business Cooperative Work Experience** (G, ND, CTE)*Open to Grade 12*

This course provides students with a regularly scheduled, supervised employment opportunity related to Business and Office Technology Occupations to develop and improve work skills. The employment must be preceded by or concurrent with classroom instruction related to the work experience, consistent with the student's occupational goals, and related to the Business and Office Technology program area. There shall be a training agreement among all partners to the work experience (school, employer, student, and parents/guardians) outlining the expectations of each party. The instructor shall also develop a specific training plan with the employer for each student placed. The training plan shall include provisions for assessment of student progress and for on-site visits by the instructor during the student's placement. *NOTE: Student must be at least 16 years old and may be paid a wage by the employer.*

elective (½ Credit)*semester***IT Cooperative Work Experience** (G, ND, CTE)*Open to Grades 11, 12*

This course provides students with a regularly scheduled, supervised employment opportunity related to Business and Office Technology Occupations to develop and improve work skills. The employment must be preceded by or concurrent with classroom instruction related to the work experience, consistent with the student's occupational goals, and related to the Information Technology program area. There shall be a training agreement among all partners to the work experience (school, employer, student, and parents/guardians) outlining the expectations of each party. The instructor shall also develop a specific training plan with the employer for each student placed. The training plan shall include provisions for assessment of student progress and for on-site visits by the instructor during the student's placement. *NOTE: Student must be at least 16 years old and may be paid a wage by the employer.*

elective (½ Credit)*semester*

ENGLISH LANGUAGE ARTS

Middle School

English 6*Open to Grade 6*

English 6 is a year-long study of English built around reading, writing and speaking exercises. Comprehension and vocabulary skills are enhanced using many literary works, from poetry to novels. Grammar skills are stressed through composition and speaking exercises.

required*full year***English 7***Open to Grade 7*

English 7 is a year-long study of English built around reading, writing and speaking exercises. Comprehension and vocabulary skills are enhanced using many literary works, from poetry to novels. Grammar skills are stressed through composition and speaking exercise

required*full year***English 8***Open to Grade 8*

English 8 is a year-long study of English built around reading, writing, and speaking exercises. Comprehension acuity, vocabulary acquisition, and knowledge of literary devices are all encouraged through reading diverse genre. Grammar skills are stressed through composition and presentation exercises.

required*full year*

High School

English 9 (G, ND, NCAA)

Open to Grade 9

This course is designed to build on the foundations provided in middle school. Composition and literature experiences allow the student to develop and strengthen more mature reading and writing skills. This course is required of all freshmen.

required (1 Credit)

full year

Mass Media (G, ND)

Open to Grades 9, 10, 11, 12 (placement only)

Mass Media develops an awareness of the cultural and social impact of mass media, and artistic features unique to each medium. It addresses mass media's influence on the communication process: electronic media (radio and television), printed media (newspapers and magazines), and film as forms of entertainment and education. Students will print our school paper as well as develop the school yearbook.

elective (½ Credit)

semester

Rhetoric (G, ND, NCAA)

Open to Grade 12

This course is designed to help students develop effective communication skills in preparation for both college and the world of work. Students develop poise and confidence when speaking in front of an audience. They also learn to gather and document information through various research techniques, organize speeches for various purposes and audiences, speak clearly and articulately and listen thoughtfully and critically to others.

required (½ Credit)

semester

English 10 (G, ND, NCAA)

Open to Grade 10

This course is designed to help the student improve writing skills and to provide experiences in literature. Course activities provide the student with opportunities to write well-constructed composition and to study short story, poetry, novel, drama, and non-fiction. This course is required of all sophomores.

required (1 Credit)

full year

Grade 11 Language Arts (G, ND, NCAA)

Open to Grades 11

This course is designed to improve student writing in conjunction with the study and discussion of classical literature from Western, American and Christian cultures, including a main focus on Dante's *The Divine Comedy*. Forms of writing studied include, but are not limited to, argumentative, narrative and informative/explanatory. Forms of literature studied include poetry, novels, an epic, essays and short stories.

required (1 Credit)

full year

Advanced Literature (G, ND, NCAA)

Open to Grades 11, 12

Advanced Literature helps students develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit. They enrich their understanding of connotation, metaphor, irony, syntax and tone, and write compositions of their own (including literary analysis, exposition, argument, and narrative).

elective (½ Credit)

semester

American Literature (G, ND, NCAA)

Open to Grades 11, 12

American Literature focuses on commonly known American authors and their works. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works, and as they understand how literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are often required.

elective (½ Credit)

semester

Composition (G, ND, NCAA)*Open to Grades 11, 12*

Composition focuses on students' writing skills and develops their ability to compose different types of papers for a range of purposes and audiences. This course enables students to explore and practice descriptive, narrative, persuasive, or expository styles as they write paragraphs, essays, letters, applications, formal documented papers, or technical reports. Although composition may present some opportunities for creative writing, their focus usually remains on nonfiction, scholarly, or formal writing.

elective (½ Credit)*semester***Creative Writing** (G, ND, NCAA)*Open to Grades 11, 12*

This course is designed for the student who possesses a proficient command of the English language. Writing models, styles, and techniques are examined. Students write autobiographies, short stories, poems, short plays and various other writing forms. Some competitive writing is encouraged.

elective (½ Credit)*semester***Humanities** (G, ND, NCAA)*Open to Grades 11, 12*

This course, designed for the student who plans to enter college, studies the art, architecture, and literature of the Greek, Roman, and Egyptian cultures. Students will read plays by Sophocles and Euripides and study philosophers such as Aristotle and Plato. A main area of focus will be on classical Greek and Roman sculpture and architecture. Students will also study one of Homer's epic works, either *The Odyssey* or *The Iliad*. Finally, students will look at Egyptian culture and its changes throughout time. Student-generated projects are a requirement of the course.

elective (½ Credit)*semester***Catholic Studies Through Literature** (G)*Open to Grade 12**Prerequisites: English 11, 3.0 GPA or faculty approval*

In this course, students will approach literature through the lens of philosophy and theology. Ideal for students who love literature, philosophy, theology, history, and the arts, this course will take students through some of the most influential texts in the literary canon. Students will be expected to not only read the text, but search for and extract deeper meanings from the fiction and apply it to their own context. Students are expected to deal with sensitive and difficult topics with maturity and wonder. The primary sources will be:

- John Steinbeck's *East of Eden*
- Fyodor Dostoevsky's *The Brothers Karamazov*
- Victor Hugo's *Les Misérables*
- Léon Bloy's *The Woman who was Poor*
- François Mauriac's *Viper's Tangle*
- Independent reading assignment time pending*

elective (1 Credit)*full year*

FOREIGN LANGUAGE

High School

Latin I (G, ND, NCAA)*Open to Grades 9, 10, 11, 12*

This course exposes students to the Latin language and culture, emphasizing basic grammar and syntax, simple vocabulary, and the influence of Latin on current English words. Students will be able to read and write in Latin on a basic level.

elective (1 Credit)*full year***Latin II** (G, ND, NCAA)*Open to Grades 10, 11, 12**Prerequisite: Latin I*

This course enables students to expand upon what they have learned in Latin I, increasing their skills and depth of knowledge through the practice of structures, forms, and vocabulary. Reading materials reflect Roman life and culture.

elective (1 Credit)*full year*

Key Code NCAA: Meets eligibility requirements. ND: Meets state scholarship requirements. G: Meets BRCS graduation requirements. CTE: Fulfills CTE credit.

Spanish I (G, ND, NCAA)*Open to Grades 9, 10, 11, 12*

This course provides an introduction to the Spanish language. Emphasis at this level is placed on understanding, speaking and listening to the Spanish language. Reading and writing will also be introduced. The daily life and culture of many of the world's 21 Spanish-speaking countries will be discussed. Upon completion of the class, students will be able to communicate at the novice level.

elective (1 Credit)*full year***Spanish II** (G, ND, NCAA)*Open to Grades 10, 11, 12**Prerequisite: Spanish I*

This course will continue to build proficiency in listening, speaking, reading and writing the Spanish language. Vocabulary taught at this level will include everyday vocabulary and situations relevant to young people everywhere. We will learn about Hispanic cultures with emphasis on the prevalent Hispanic influences in the United States. Upon successful completion of this class, students will test at the novice-mid to novice-high level.

elective (1 Credit)*full year***Spanish III** (G, ND, NCAA)*Open to Grades 11, 12**Prerequisite: Spanish II*

In this level III course, students will continue to progress in the acquisition of the language as well as the repetition of previously learned material. The culture and literature of countries in which Spanish is spoken is strongly featured at this level, and extended reading materials include cultural topics such as geography, history, and literature, as well as legends from various Spanish-speaking countries. Writing and speaking activities include, but are not limited to, narration and enactment of stories, poetry writing, and discussion of themes in the language. Besides giving the students the opportunity to develop their speaking, reading, writing, and listening abilities, the intent is to broaden and deepen their knowledge of the Spanish-speaking world.

elective (1 Credit)*full year***Introduction to Film Studies** (G)*Open to Grades 10, 11, 12**Prerequisites: English 9 with a cumulative grade above 85% or faculty approval*

An introductory course in the study of cinematography and screen writing, students will learn a variety of technical vocabulary related to cinema, such as the different types of camera angles and shots, as well as vocabulary necessary for critiquing and appreciating film as a work of art. Students will spend the semester learning how to critique a film while learning about the various film movements that have shaped the way movies are produced and enjoyed around the world. Students will survey a variety of film types, ranging from silent films to foreign films and classics. By the end of the semester, students will be able to discuss the value of a film; discuss its cultural importance and relevance; appreciate a wide variety of styles; and learn about the historical significance of the film industry around the world.

elective (½ Credit)*semester (fall only)***Film Studies II** (G)*Open to Grades 10, 11, 12**Prerequisites: English 9 and Intro to Film Studies with a cumulative grade above 85% or faculty approval*

Building on the context and skills acquired in Intro to Film Studies, students will be able to dive even deeper into the world of cinematography and screen writing. Students will focus on films from the most innovative and radical movements in film history. Students will also do an independent film project where they will select from a list of approved films to do an independent project outside of the watchlist for class. Students will learn basic screen writing skills. The semester culminates with a group project wherein the group must write and shoot a 5-minute short film.

elective (½ Credit)*semester (spring only)*

GENERAL EDUCATION

Virtuous Leadership I (G)

Open to Grades 9, 10, 11, 12

In this course, students will explore the principles of relational leadership and learn to develop individual and group leadership skills to impact their lives and their communities. Content areas include decision-making, goal-setting, effective communication, servant leadership, organization and time management skills, and concrete strategies to implement change.

elective (½ Credit)

semester

Education Workplace Experience (G, ND, CTE)

Open to Grade 12

This course provides students with work experience in fields related to education. Goals are typically set cooperatively by the student, teacher, and employer, although students are not necessarily paid. These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

elective (½ Credit)

semester

Student Aide (G, ND)

Open to Grades 11, 12

Student Aide is designed to offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students. This course could provide experience in a field related to a student's career interests. Note: This course is not designed to replace any of the CTE Cooperative Work Experience courses.

elective (½ Credit)

semester

MATHEMATICS

High School and Middle School

Pre-Algebra (G, ND)

Open to Grades 7, 8, 9

Pre-Algebra is a course that allows students a bit more time working on the skills necessary to succeed in Algebra 1. Basic operations, properties, and word problems are the foundation that is applied to understand the role of variables in mathematics. The ideas are not just a review of the material in 7th grade, but take those skills and move the students into more abstract thinking. More work with variable representations appear in this course. Let's brush up on the old skills and then stretch our thinking to understand how and why letters are being used in mathematics class.

elective (1 Credit)

full year

Geometry (G, ND, NCAA)

Open to Grades 9, 10, 11, 12

Prerequisite: Algebra I

This course studies Euclidean Geometry. Key concepts and relationships addressed are of parallel, skew, segments, lines, plane, angles, congruence, constructions, and all polygons. Spatial relationships and calculation of perimeters, areas, and volumes are included. The basic concepts of Algebra are used in solving problems to support the Geometric concepts. Students are introduced to logic and proofs.

elective (1 Credit)

full year

Algebra I (G, ND, NCAA)

Open to Grades 8, 9, 10, 11, 12

This course is designed as a study of the language of mathematics. The properties of the real numbers system are examined in detail. Special emphasis is placed on solving equations, factoring and logical thinking.

elective (1 Credit)

full year

Foundations to Algebra I (G, ND)*Open to Grades 9, 10 (first course of a two-year sequence)**Faculty recommendation required*

This course is the first part of a two-year algebra program, optimized for a more intentional and deliberate learning experience. Topics include the following: simplifying, solving, and graphing linear equation and inequalities. In addition to these concepts, students will solve systems of equations, linear functions, and probability. Upon successful completion of the course work, the student will be prepared for the *Conclusion to Algebra I* course and have earned one credit towards their high school graduation math requirements.

elective (1 Credit)*full year***Conclusion to Algebra I** (G, ND, NCAA)*Open to Grades 10, 11 (second course of a two-year sequence)**Faculty recommendation required*

The second class in a two-year sequence, this course is open to students who have successfully completed the *Introduction to Algebra I* course. Topics include solving and graphing exponential, quadratic, and polynomial functions. In addition, students will solve radical equations, rational expressions, and statistical concepts. Upon successful completion of the course work, the students will have earned an algebra credit towards their high school graduation math requirements.

elective (1 Credit)*full year***Consumer Math I & II** (G, ND)*Open to Grades 9, 10, 11, 12*

Consumer Math reinforces general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and applies these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

elective (½ Credit)*semester***Algebra II** (G, ND, NCAA)*Open to Grades 10, 11, 12**Prerequisite: Geometry*

This course is designed to continue the study of algebra. Topics include, but are not limited to, linear functions, absolute value, quadratic equations, polynomials, exponents, conics, logarithms and trigonometry. To enhance instruction and to enable students to learn more, it is expected that students have a calculator with graphing and statistical capabilities.

elective (1 Credit)*full year***Advanced Algebra** (G, ND, NCAA)*Open to Grades 11, 12**Prerequisite: Algebra II*

This course will give strong attention to probability and statistics, as well as to the ideas of linear, quadratic, exponential, logarithmic, trigonometric and circular functions. To enhance instruction and to enable students to learn more, it is expected that students have a calculator with graphing and statistical capability.

elective (½ Credit)*semester***Trigonometry** (G, ND, NCAA)*Open to Grades 11, 12**Prerequisite: Algebra II*

Student will study relations, functions, graphs, trigonometry, polar coordinates, complex numbers, limits, and derivatives. The student will analyze and graph mathematical functions. There is an emphasis on verification of trigonometric identities using all of the basic trigonometric identities. Students will use graphing calculators in activities that are appropriate to the topics being studied..

elective (½ Credit)*semester***Pre-Calculus** (G, ND, NCAA)*Open to Grade 12*

This course consists of a review of selective topics in algebra, graphing and functions, trigonometry, trigonometric functions and solving triangles. Also included are conic sections, standard forms, polar-coordinates and introduction to parametric equations.

elective (1 Credit)*full year*

MUSIC

Music enables students to create and perform music, listen and respond to musical compositions, and incorporate musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and refining the ability to discern and critique. Students are expected to contribute their attitude and participation fully towards the success of the group regardless of their personal level of musicianship or experience.

Middle School

Middle School Choir

Open to Grades 6, 7

This course is designed to develop correct vocal techniques, sight-reading, part singing, confidence, and appreciation for music in grades 6 and 7. Students will perform in concerts and at specific liturgical functions throughout the school year. Opportunities for participation at music festival are provided.

elective

full year

Middle School Band

Open to Grades 6, 7

Prerequisite: Can play an instrument at the 6th grade level

This class is for students who enjoy playing an instrument and want to improve their playing and music-reading skills. This class is a platform for building instrumental playing skills in preparation for eventual participation in Concert Band. Students will perform in concerts throughout the year and opportunities for participation at music festivals are also provided.

elective

full year

High School

Concert Band (G)

Open to Grades 8, 9, 10, 11, 12

Prerequisite: Can play an instrument at an 8th grade level

As an upper-level performing ensemble, Concert Band students strive for fine musical results and have a full schedule of appearances throughout the year. Students will study and perform a diverse array of instrumental music at concerts, community events and other specific events as assigned by the director. Opportunities are provided for students to participate in parades and honor bands and at music festival and Band Day. All Concert Band students will participate in Pep Band and Marching Band preparation and performances.

elective (1 Credit)

full year

Jazz Band (G)

Open to Grades 9, 10, 11, 12

This course is designed to be a group of 15-22 auditioned instrumentalists interested in a jazz ensemble experience. Students will be introduced to a variety of jazz styles and the concept of improvisation.

elective (1 Credit)

full year

Concert Choir (G)

Open to Grades 9, 10, 11, 12

This class is open to all students who enjoy singing and want to build teamwork and camaraderie within the ensemble through participation in vocal music. Music repertoire shall include choral music of all styles and periods. Students will participate in concerts and specific liturgical functions. Other musical opportunities are provided including performance at community events, music festivals and honor choirs.

elective (1 Credit)

full year

PHYSICAL EDUCATION

Middle School

PE 6 **required**
semester
Open to Grade 6
Physical Education provides students the knowledge, experience, and opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

PE 7 **required**
semester
Open to Grade 7
Physical Education provides students the knowledge, experience, and opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

PE 8 **required**
semester
Open to Grade 8
Physical Education provides students the knowledge, experience, and opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

High School

Independent PE (G, ND) **elective (½ Credit)**
semester
Open to Grades 9, 10, 11, 12
Physical Education provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities. This course is set up on a case-by-case basis.

Health (G, ND) **elective (½ Credit)**
semester
Open to Grades 9, 10, 11, 12
This course covers nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid, as well as general consumer health issues.

Introduction to Coaching (G, ND) **elective (½ Credit)**
semester
Open to Grades 9, 10, 11, 12
Introduction to Coaching focuses on the various responsibilities of a coach and the skills needed to successfully fill this important role. Throughout the course, students will explore various coaching models and leadership styles, as well as sports nutrition, sports psychology, and safety in conditioning and cross-training. Students will learn effective communication, problem-solving, and decision-making skills. This course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching ethics.

Sports Officiating (G, ND) **elective (½ Credit)**
semester
Open to grades 9, 10, 11, 12
In Sports Officiating, students will learn the rules, game play, and guidelines for a variety of sports, including soccer, baseball, softball, basketball, volleyball, football, and tennis. In addition, they will learn the officiating calls and hand signals for each sport, as well as the role a sports official plays in maintaining fair play.

Sports Physiology (G, ND) **elective (½ Credit)**
semester
Open to grades 9, 10, 11, 12
Sports Physiology examines human anatomy and physiology as they pertain to human movement and physical performance in sports activities. This course may also emphasize the prevention and treatment of athletic injuries. Students will be instructed by a certified trainer, focusing on sport-specific workout programs. **(There is an extra fee associated with this course; the fee varies upon course enrollment.)**

Weight Training (G, ND)*Open to Grades 9, 10, 11, 12*

Weight Training helps students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning. This course may include other components such as anatomy and conditioning.

elective (½ Credit)*semester*

RELIGION

Middle School**Religion 6***Open to Grade 6*

Religion 6 uses the text *Following Christ*. This course is devoted to the Ten Commandments and the Holy Mass. Students will be guided to follow Christ with their whole mind and will. The formation of the conscience and the liturgical life of the church are vitally important items of study.

required*full year***Religion 7***Open to Grade 7*

This course focuses on Divine Revelation from God, starting with the creation of the world and moving through the Old Testament, looking at each of the early Major Prophets. In this course, students will also study faith and how the sacraments are very important in our lives in Christ and in the Church.

required*full year***Religion 8***Open to Grade 8*

This class focuses on the nature and history of the Church, and the universal call to holiness of all her members. Students will gain a clearer understanding of the Church's divine nature and treasure contained within. Finally, students will have a greater understanding of the various vocations to which they may be called to.

required*full year***High School****Faith & Revelation** (G, ND)*Open to Grade 9*

This course presents a basic understanding of Sacred Scripture as the inspired Word of God and how it conveys God's revelation to his people. Particular attention is focused on the Gospels as the message of Jesus Christ, who is the fullness of Revelation. This course corresponds to *Book I: The Revelation of Jesus Christ in Scripture* in the curriculum framework.

required (½ Credit)*semester***Blessed Trinity** (G, ND)*Open to Grade 9*

This class analyzes the Divine Life of God—Father, Son, and Holy Spirit—as revealed in Sacred Scripture. It studies the Christian vocation and how God invites us to be in communion with Him, so that we can share in the divine life that he has prepared for us for all eternity. It also helps the student to understand what it means to be a disciple of Christ. This course corresponds to *Book II: Who Is Jesus Christ?*

required (½ Credit)*semester***Formal Logic I** (G, ND)*Open to Grades 9, 10, 11, 12*

This course covers basic grammatical functions of words and their logical relationships, studied in the context of syllogisms using ordinary human language in order to teach critical thinking skills and provide students a greater capacity to decode the meaning of statements and arguments. Truth and falsity of statements, and the validity, invalidity, and soundness of arguments are studied.

**Starting with the Class of 2026, Formal Logic I will be a required course for graduation.*

required (½ Credit)*semester*

Formal Logic II (G, ND)*Open to Grades 9, 10, 11, 12**Prerequisite: Formal Logic I*

This course covers grammatical functions of words and their logical relationships, studied in the context of syllogisms using ordinary human language in order to teach critical thinking skills and provide students a greater capacity to decode the meaning of statements and arguments. Deductive inference, mood in syllogisms, complex syllogisms, and hypothetical reasoning are studied and applied.

elective (½ Credit)*semester***Religious Education and Theology Aide** (G, ND)*Open to Grades 11, 12*

This opportunity offers students the chance to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.

elective (½ Credit)*semester***Religious Education and Theology Workplace Experience** (G, ND)*Open to Grade 12*

This course provides students with work experience in a field related to religion and theology. Goals are typically set cooperatively by the student, teacher, and employer, although students are not necessarily paid. This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

elective (½ Credit)*semester***Christian Discipleship** (G, ND)*Open to Grade 10*

Christian Discipleship examines the need for redemption after the Fall; the promise of redemption renewed throughout the Old Testament, and the redemption achieved by the Passion, Death, and Resurrection of Jesus Christ, and its application in the life of each Christian. It also shows how the Holy Mass is a perpetuation of the Paschal Mystery in our lives. This course corresponds to *Book III: The Mission of Jesus Christ (The Paschal Mystery)* in the curriculum framework.

required (½ Credit)*semester***The Church** (G, ND)*Open to Grade 10*

This course shows how the Church continues the salvific ministry of Christ in the world today, guided by the Holy Spirit. As the Sacrament of Salvation, the People of God, and the Mystical Body of Christ, the Church is the point of encounter between the faithful and the risen Lord and the beginning of the communion that will reach its fulfillment in Heaven. This course corresponds to *Book IV: Jesus Christ's Mission Continues in the World Today (The Church)* in the curriculum framework.

required (½ Credit)*semester***Moral Theology: Life in Jesus Christ** (G, ND)*Open to Grade 11*

This course presents a study of the moral life in Christ-based on his teachings in the Gospels, the Ten Commandments, and the Beatitudes. These teachings enable Christians, with God's grace, to imitate the life of Christ in their lives, to make correct moral decisions, and to spread the Kingdom of God on earth in their journey toward eternal salvation. This course corresponds to *Book VI: Life in Jesus Christ* in the curriculum framework.

required (½ Credit)*semester***Sacraments as Privileged Encounters with Jesus Christ** (G, ND)*Open to Grade 11*

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

required (½ Credit)*semester*

Church History (G, ND)*Open to Grade 12*

This course presents the story of God's intervention into human history from the Incarnation until the present day. It emphasizes God as the Lord of history and the actions that demonstrate love for His people. This is an excellent course for anyone seeking to know more about the history of the Catholic Church. This course corresponds to *Elective B: History of the Catholic Church* in the curriculum framework.

required (½ Credit)*semester***Catholic Social Teaching** (G, ND)*Open to Grade 12*

This course will introduce students to the social teaching of the Catholic Church. Students will learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. Topics include: the unity of the whole human race, social teachings in Scripture, distributive, legal, commutative, and social justice, the necessity of the moral law, a sampling of recent pastoral letters, the dignity of human life, and the social dimension of the Commandments. This course corresponds to *Elective C: Living as a Disciple of Jesus Christ in Society* in the curriculum framework.

required (½ Credit)*semester*

SCIENCE

Middle School**Science 6***Open to Grade 6*

Students will continue to develop understanding of four core ideas in the physical sciences. Practices will include developing and using models, planning and conducting investigations, analyzing and interpreting data and constructing explanations. The main topics will include matter and its interaction, forces and interactions, energy, and waves and their application.

required*full year***Life Science***Open to Grade 7*

Students will continue to develop understanding of four core ideas in life science. The four disciplinary core ideas are: From Molecules to Organisms: Structures and Process; Interactions, Energy, and Dynamic Relationships in Ecosystems; Heredity: Inheritance and Variations of Traits; and Biological Process of Evolution: Unity and Diversity.

required*full year***Earth Science***Open to Grade 8*

Students will continue to develop understanding of three disciplinary core ideas: Earth's Place in the Universe, Earth's Systems, and Earth and Human Activity. Students will be expected to define problems, choose best solutions, and optimize final designs or solutions.

required*full year***Applied Physics***Open to Grades 6, 7, 8, 9, 10, 11, 12*

This course introduces students to mechanical, fluid, electrical, and thermal principles and systems on which modern equipment operates. Student activities examine the similarities of force, work, rate, resistance, energy, power, and force transformers in the mechanical, fluid, electrical, and thermal systems. **This is an independent, self-paced course completed at home that is eligible for high school credit.*

elective (1 credit)*185 modules*

High School

Applied Physics

Open to Grades 6, 7, 8, 9, 10, 11, 12

This course introduces students to mechanical, fluid, electrical, and thermal principles and systems on which modern equipment operates. Student activities examine the similarities of force, work, rate, resistance, energy, power, and force transformers in the mechanical, fluid, electrical, and thermal systems. **This is an independent, self-paced course completed at home that is eligible for high school credit.*

elective (1 credit)

185 modules

Physical Science (G, ND, NCAA)

Open to Grade 9

This course is designed as an introduction to the concepts of chemistry and physics. Course topics include measurement, the science laboratory, the atom and its behavior, acids and bases, gases, motion, forces, pressure, simple machines, heat, sound, light and electricity.

required (1 Credit)

full year

Principles of Biomedical Science (G, ND, CTE)

Open to grades 9, 10, 11, 12

Students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. (Principles of Biomedical Science is a *Project Lead The Way* course offered for CTE credit only.)

elective (1 Credit)

full year

Biology (G, ND, NCAA)

Open to Grade 10

In this introductory course, students will utilize and apply scientific inquiry, investigate the interdependence of living things, explore homeostasis within cells and systems, continuity reproduction, inheritance and development, how organisms change over time, and the classification of all living things.

required (1 Credit)

full year

Medical Interventions (G, ND, CTE)

Open to Grades 11, 12

Prerequisite: Biology and Comparative Anatomy

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. (Medical Interventions is a *Project Lead the Way* course offered for CTE credit only.)

elective (1 Credit)

full year

Chemistry (G, ND, NCAA)

Open to Grades 11, 12

Prerequisites: Physical Science and Geometry

This course is designed for college/university entrance, or for a general background in chemistry. Topics covered are matter and its properties, measurement and the scientific method, atomic structure, the quantum model of the atom, periodic law, chemical bonding, chemical formulas, compounds, chemical equations, reactions, and stoichiometry.

elective (1 Credit)

full year

Human Body Systems (G, ND, NCAA)*Open to Grades 11, 12**Prerequisite: Biology*

This course is designed to study the structure and functions of the human body. Included are the study of various organ systems of man, and some laboratory dissections of mammalian systems. It is designed to meet the needs of college-bound students who are planning careers in medicine and biology. This course is also useful for people interested in knowing more about the structure of the human body.

elective (1 Credit)*full year***Physics** (G, ND, NCAA)*Open to Grades 11, 12**Prerequisites: Algebra II and Physical Science*

This course is designed for college-university entrance, or for a general background in Physics. Topics covered will be matter and energy relationships, the scientific method, concepts of measurement and vectors, forces, energy, motion, Newton's Laws, machines, atomic physics, radioactivity and introductory wave theory.

elective (1 Credit)*full year*

SOCIAL SCIENCE

Middle School

Social Studies 6*Open to Grade 6*

This course is designed to study geography, prehistorical places and people, using primary and secondary sources. Students will develop the understanding of concepts of time, different ways of living, and learn about historical achievements of early civilizations. Students will analyze and compare early civilizations to the world today.

required*full year***Social Studies 7***Open to Grade 7*

This course includes a semester of North Dakota history and a semester of World Geography.

required*full year***United States History***Open to Grade 8*

In this course, students will explore history from the discovery of America through the Civil War. Also included will be the study of values, ideals, rights, obligations, laws and institutions. The study of men and women who made great contributions to our heritage will also be studied.

required*full year*

High School

Economics (G, ND, NCAA)*Open to Grades 9, 10, 11, 12*

Economics is the study of economic principles and their application. This may include types of business ownership, theory of the free enterprise system, general economic principles, role of the government, cooperative marketing, economic terms and definitions, world conditions and how they affect the American Free Enterprise Systems.

elective (½ Credit)*semester***Marriage & Family** (G, ND)*Open to Grades 9, 10, 11, 12*

This course examines sociological, legal, psychological, and religious views of marriage and family relationships, responsibilities, and the roles of each member and function of the family in our society.

elective (½ Credit)*semester*

North Dakota Studies (G, ND, NCAA)*Open to Grades 9, 10, 11, 12*

This course examines the history, politics, economics, society, and/or cultures of the state. This course may focus primarily on the history of the state or may take an interdisciplinary approach to the contemporary issues affecting it.

elective (½ Credit)*semester***World Geography** (G, ND, NCAA)*Open to Grades 9, 10, 11, 12*

Geography provides students with an overview of world geography, but may vary widely in the topics covered. Topics typically include: the physical environment, the political landscape, the relationship between people and the land, economic production and development, and the movement of people, goods, and ideas.

elective (½ Credit)*semester***Advanced Placement (AP) World History** (G, ND, NCAA)*Open to Grades 10, 11, 12**Prerequisite: Instructor Approval*

This accelerated course is designed for the academically-aggressive student to complete the equivalency of one semester college credit in World History. The course is designed to provide students with the skills and knowledge to deal critically with problems and materials in World History. Students will learn to assess historical materials and weigh the evidence and interpretations presented in a historical manner, developing skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. An objective of the course is to prepare students to take the AP examination in World History. An objective of the course is to prepare students to take the AP examination in World History; a fee is required to take this test.

elective (1 Credit)*full year***Advanced Placement (AP) U.S. History** (G, ND, NCAA)*Open to Grades 11, 12**Prerequisite: Instructor Approval*

This accelerated course is designed for the academically-aggressive student to complete the equivalency of one semester college course in U.S. History. The course is designed to provide students with the skills and knowledge to deal critically with problems and materials of United States History. Students will learn to assess historical materials and weigh the evidence and interpretations presented in a historical manner. Students will develop skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. An objective of the course is to prepare students to take the AP examination in U.S. History; a fee is required to take this test.

elective (1 Credit)*full year***World History** (G, ND, NCAA)*Open to Grade 10*

This course begins with the ideas, events and global impacts of the Renaissance and Reformation and progresses to present times. Topics covered include both world wars, the global depression, the cold war, and nation-building in Asia and Africa.

required (1 Credit)*full year***United States History** (G, ND, NCAA)*Open to Grade 11*

This course is designed to provide an opportunity for students to appreciate the growth of America through the sequential study of the country's development. Students learn the origin and growth of democracy in the United States. United States History covers the Manifest Destiny of the 1830s through present time.

required (1 Credit)*full year***Law & Justice in North Dakota** (G, ND, NCAA)*Open to Grades 9, 10, 11, 12*

Law & Justice courses examine the workings of the U.S. criminal and civil justice systems, including providing an understanding of civil and criminal law and the legal process, the structure and procedures of courts, and the role of various legal or judicial agencies. Although this course emphasizes the legal process, it may also cover the history and foundation of U.S. law (the Constitution, statutes, and precedents). Course content may also include contemporary problems in the criminal justice system.

elective (1 Credit)*full year*

Psychology (G, ND, NCAA)*Open to Grades 11, 12*

This course is designed as an overview of the various areas of psychological study, taking in a broad cross section of psychological knowledge that is relevant and meaningful to a high school student. The purpose is to help students develop skills in understanding themselves as related to personal, social, educational and vocational problems. The course moves rapidly through the area of psychology and gives the student a sampling of what psychology is all about.

elective (½ Credit)*semester***Sociology** (G, ND, NCAA)*Open to Grades 11, 12*

This course is designed as a first exposure to systematic sociology. It is an analysis of the “why” of society. The basics are stressed and concepts, definitions of terms and the principles of scientific social inquiry are given prime attention. It deals with cultural, personality, and social systems, and special social problems.

elective (½ Credit)*semester***Family & Consumer Science Cooperative Work Experience** (G, ND, CTE)*Open to Grade 12*

This course provides students with a regularly scheduled, supervised employment opportunity related to Family and Consumer Sciences Occupations to develop and improve work skills. The employment must be preceded by or concurrent with classroom instruction related to the work experience, consistent with the student’s occupational goals, and related to the Information Technology program area. There shall be a training agreement among all partners to the work experience (school, employer, student, and parents/guardians) outlining the expectations of each party. The instructor shall also develop a specific training plan with the employer for each student placed. The training plan shall include provisions for assessment of student progress and for on-site visits by the instructor during the student’s placement. *NOTE: Student must be at least 16 years old and may be paid a wage by the employer.*

elective (½ Credit)*semester***Problems of Democracy** (G, ND, NCAA)*Open to Grade 12*

This course is designed to provide a clear understanding of the basic concepts of democracy, constitutional requirements, and the American political process, with emphasis on the structure and functions of the Federal government. The course also focuses on those major political problems arising in our democratic system. Financial literacy is also addressed. Students will participate in court cases to bring a greater understanding of the legal system.

required (1 Credit)*full year*

CENTRAL REGION AREA CAREER AND TECHNICAL CENTER COURSES

Online classes can provide learning opportunities for students with specific interests, but they also require high levels of self-motivation, self-regulation and organization. Bishop Ryan Catholic School strongly encourages students to take traditional classes offered, but we also recognize there are many reasons that another option is preferable, such as scheduling conflicts, particular interest area, advanced study, credit recovery or flexibility with pacing. Students interested in taking online courses should consider the following questions:

- Do I have a personal commitment to learn?
- Am I self-motivated and willing to be an independent learner?
- Do I practice effective computer use, time management, and written communication skills?

Students enrolled in Central Region Area Career and Technical Center Courses

must have regular access to a computer with proper configuration.

The deadline for current students to register for these courses for the upcoming school year is April 15th, with all adds/drops being completed by May 15th.

--AGRICULTURE--

Mechanics Power Systems (G, ND, CTE)

Open to Grades 10, 11, 12

This mechanics course offers a study of the operation, maintenance, and repair of small gasoline engines. Instructional topics include, but are not limited to, the principles of operation of gasoline/diesel engines, tune-up and maintenance procedures, and disassembly, overhaul, and reassembly of gasoline small engines. Instruction may also include the operation of two- and four-cycle engines commonly found on lawn mowers, snow blowers, rotary tillers, chainsaws, and other equipment. As time allows, other power systems could be covered. 20-25 hours of hands-on small engine lab experience is required for this course. Students will meet at a selected facility for hands on supervised overhaul/repair and maintenance as a part of this class. Travel to the facility will be the responsibility of the local school.

elective (½ Credit)

fall semester

Welding & Fabrication I (G, ND, CTE)

Open to Grades 10, 11, 12

The Welding and Fabrication I curriculum is designed to develop student's understanding of applied mechanical applications associated with the field of welding. Content includes, but is not limited to, instruction that prepares individuals to select, operate, and maintain a variety of welding equipment and related tools. Subject matter may include: Oxy-fuel cutting, heating and welding; Shielded metal arc welding; Gas metal arc welding and plasma arc cutting. Safety and metal fabrication as well as record keeping, leadership, communications, employability and human relations skills will also be emphasized. 20-25 hours of supervised hands-on welding lab instruction will be occur within the course (required to attend to successfully complete the course). Students will meet at a centrally located selected welding lab/facility for the hands-on supervised welding instruction part of this course. Travel to/from the facility will be the responsibility of the local school. Welding/Fabrication I is preferred but not required to enroll in Welding/Fabrication II.

elective (½ Credit)

fall semester

Welding & Fabrication II (G, ND, CTE)

Open to Grades 10, 11, 12

This curriculum is designed to develop student's understanding of applied mechanical applications associated with the field of welding. Content includes, but is not limited to, instruction that prepares individuals to select, operate, and maintain a variety of welding equipment and related tools. Subject matter may include: Plasma cutter, CNC plasma cutter, TIG, aluminum MIG, metal turning lathe, shear/break/role, hydraulic "Ironworker", plastic welder. Safety and metal fabrication as well as record keeping, leadership, communications, employability and human relations skills will also be emphasized. 20-25 hours of supervised hands-on welding lab instruction will be occur within the course (required to attend to successfully complete the course). Students will meet at a centrally located selected welding lab/facility for the hands-on supervised welding instruction part of this course. Travel to/from the facility will be the responsibility of the local school.

elective (½ Credit)

spring semester

--AVIATION--

Aviation I (G, ND, CTE)

Open to Grades 11, 12

This is the entry level course to prepare students for employment in the aviation industry, covering fundamentals of flight, flight operations, aviation weather, performance and navigation. The course also explores careers in air traffic control, flight dispatching and airport management. Units of instruction include: safety of flight, airport layout, aeronautical charts, radar, radio procedures, airplane power plant, aerodynamics, weather patterns and hazards. Emphasis on applied academics in math and science are integrated throughout the curriculum along with decision-making principles as it applies to flight-related factors.

elective (1 Credit)

full year

Aviation II (G, ND, CTE)

Open to Grade 12

Prerequisite: Aviation I

Students will be preparing to pass the Federal Aviation Administration (FAA) private pilot written exam. This course will cover advanced flight topics as well as expanding topics covered in Aviation I to an advanced level. An introduction to Unmanned Aircraft Systems (UAS) will also be included.

elective (1 Credit)

full year

--FAMILY AND CONSUMER SCIENCES--

Family and Consumer Science I (G, ND, CTE)

Open to Grades 9, 10, 11, 12

This exploratory year-long course is highly recommended for students in grades 9-10 as an introduction to the other Family and Consumer Science (FACS) courses offered by the MRACTC. Students will learn about necessary everyday life skills they can use today and in their future. It will include basic information and discussion on each topic of FACS. Main concepts provided throughout the course will include the basic understanding of the purpose of family and care of children, dating and teen parenting, communication and goals, nutrition and wellness, personal finance, and clothing care and construction. Hands-on projects during the course may include: cross-stitching, hand-sewing, making hot plate holders, balancing finances, and caring for a Real Care baby.

elective (1 Credit)

full year

Exploring the Teaching Profession (G, ND, CTE)

(Also listed as *Managing the Learning Environment* in the CTE catalog)

Open to Grades 10, 11, 12

Have you had a teacher make a positive impact on your life? Have you ever thought about possibly becoming a teacher yourself? The *Exploring the Teaching Profession* course will give students who are interested in becoming teachers a running start into the profession. The course will expose students to and provide first-hand experiences in the duties of a teacher, including classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education. Schools and/or students will need to purchase additional materials/supplies for enrolled students in this course. (Approx. cost per student: \$30-50) *Coordination with local school administrators and teachers to complete local clinical hours is required. **Student transportation may be required to complete clinical hours if the school district has multiple buildings throughout your community.

elective (1 Credit)

full year

Housing & Interior Design (G, ND, CTE)

Open to Grades 10, 11, 12

The learning experiences in this course are planned to help students recognize family needs and values as they pertain to housing. Students will evaluate factors for selecting and financing housing, furnishings and appliances. The "design your dream home" final project is a way for students to use their learned knowledge of color, furnishings and design. Other topics include floor plans, historic housing styles, and housing related careers. The course utilizes an exciting yet time-intensive project-based curriculum. Schools and/or students will need to purchase additional materials/supplies for enrolled students in this course. (Approx. cost per student: \$30-50).

elective (½ Credit)

fall semester

Parenting (G, ND, CTE)*Open to Grades 10, 11, 12*

Designed for both males and females, this course will prepare for what is probably the most important job, that of being a parent. This course will help develop positive attitudes, realistic expectations and effective skills for parenting. Pregnancy, parenting roles of fathers and mothers, financial impact of a child and other parenting concerns are emphasized in this class. This course includes practice being a parent through use of a "RealCare" computerized baby for a weekend.

elective (½ Credit)*fall semester***Independent Living** (G, ND, CTE)*Open to Grades 10, 11, 12*

For the student who is looking forward to being on his/her own, taking this course will help avoid some common problems. Finding and keeping a job, handling money wisely, securing housing, choosing a roommate, making healthy food decisions, and maintaining personal possessions are topics covered in this class.

elective (½ Credit)*fall semester***Child Development** (G, ND, CTE)*Open to Grades 10, 11, 12*

Popular among students who want to learn more about children, this is a great class for anyone who expects to become a parent or plans to work with children. By bringing a "flourbaby" to daycare for several days, students experience many realistic aspects of parenting a newborn. Students will put into practice what child development experts know will help children be happy, stay safe, and reach their full potential.

elective (½ Credit)*spring semester***Family Living** (G, ND, CTE)*Open to Grades 10, 11, 12*

Every one of us is a part of a family and each family is different. Many students will be forming their own new families before too long. This course is about how families function and how they have changed over time. The value of healthy families, not only to the individual family members but to society as a whole, is the primary focus. Learn what contributes to a stable and meaningful family.

elective (½ Credit)*spring semester***--GRAPHIC ARTS--****Graphic Design & Photography I** (G, ND, CTE)*Open to Grades 10, 11, 12*

This course will introduce students to the skills needed in graphic design. Students will be exposed to photography, scanning, the elements and principles of design, effective thumbnailing and typography. This course will address how artwork and photographic images can be used in commercial design. Students will create a digital portfolio for their artwork and they will be introduced to the following Adobe Creative Cloud Software: InDesign, Photoshop and Illustrator. Units will be based on the Print Ed competencies and the ND Graphic Communications Education Content Standards for introduction to Graphic Communications and Advertising Design.

elective (1 Credit)*full year***Graphic Design & Photography II** (G, ND, CTE)*Open to Grades 11, 12**Prerequisite: Graphic Design & Photography I*

This course will build on the skills needed in graphic design and introduce students to potential careers, college, and training opportunities for graphic designers. They will receive more advanced training in the following Adobe Creative Cloud Software: InDesign, Photoshop and Illustrator. They will continue to refine and develop their digital portfolio. The students will create artwork and photographic images that can be used as logos or as artwork for t-shirts and other promotional materials. Units will be based on the Print Ed competencies and the ND Graphic Communications Education Content Standards for introduction to Graphic Communications and Advertising Design.

elective (1 Credit)*full year*

--HEALTH SCIENCE CAREERS--

Medical Careers I (G, ND, CTE)

Open to Grades 10, 11, 12

Students will explore healthcare principles such as the history of medicine, safety, disease transmission and prevention. Students will also be introduced to various health careers and medical terminology. Three hands-on learning experiences are required and may require travel to alternate locations. Students must successfully complete both semesters of this class including First Aid & CPR/AED Certification for Healthcare Providers. This course and the required certifications are the prerequisite to all other Health Science courses and is offered either online or via interactive television.

elective (1 Credit)

full year

Medical Careers II (G, ND, CTE)

Open to Grades 11, 12

Prerequisite: Medical Careers I, including First Aid and CPR/AED Certification for Healthcare Providers

This course will expand on the knowledge gained in Medical Careers I. Students will have the opportunity to explore various medical careers through research, professional guest speakers, college tours and job shadows. The curriculum is designed to enhance student employability skills and professional medical career readiness. Up-to-date vaccinations, including influenza and TB test, are required per facility policies. Students 18 years or older must have a background check. The student is responsible for necessary vaccinations and transportation to clinical sites.

elective (1 Credit)

full year

Introduction to Emergency Medical Responders (G, ND, CTE)

Open to Grades 11, 12

Prerequisite: Medical Careers I, including First Aid and CPR/AED Certification for Healthcare Providers

This introductory course prepares students to respond to a wide range of emergencies such as heart attacks, auto accidents and diabetic problems. The units of instruction include, EMS systems, workforce safety, medical, legal and ethical issues, communications and documentation, the human body, airway management, patient assessment, medical emergencies, trauma, special patient populations and EMS operations. On completion of the EMR course students will be better prepared to work with local EMT's to complete requirements for state EMR testing. Students will not be completing clinical ride-along's in ambulances with EMT squads as a requirement in this course. Students who are 16yrs old or older, and interested in taking the EMR state exam, will need to coordinate with local EMT squads in your community or region to complete the required clinical hours to meet the requirements to take that exam.

elective (1 Credit)

full year

Introduction to Nursing Assistant (G, ND, CTE)

Open to Grades 11, 12

Prerequisite: Medical Careers I, including First Aid and CPR/AED Certification for Healthcare Providers

This Introduction to Nursing Assistant Training program offers classroom instruction and the necessary skills practice to those preparing for employment as a certified nursing assistant in a skilled nursing facility, acute care or home health care. This course does not require supervised clinical practice hours, but will provide necessary curriculum and supervised skills training to challenge the state CNA board exam provided by the North Dakota Board of Nursing to become a certified CNA. Assistance will be provided for interested students in coordinating with local healthcare facilities for clinical experiences if desired; not required to complete this course.

elective (1 Credit)

full year

Medical Terminology (G, ND, CTE)

Open to Grades 10, 11, 12

Dual credit is available through Bismarck State College

In this course, students will develop skills necessary for decoding of commonly used medical terms including the meaning of medical suffixes, prefixes and word roots. Students will learn terminology associated with body systems, diseases and disorders of those systems. Students will be also be expected to use correct spelling and pronunciation of medical terms they have learned, and will learn commonly used medical abbreviations.

elective (½ Credit)

semester

--INFORMATION TECHNOLOGY--

Introduction to Information Technology (G, ND, CTE)

Open to Grades 9, 10, 11, 12

This exploratory-level course provides an exposure to careers and issues in Information Technology. Units prepare students for the industry-recognized "Internet and Computing Core Certification" (IC3). This globally recognized certification provides students with the foundation of knowledge needed to excel in fields that involve computers and the Internet. The IC3 Global Standard reflects the most relevant skills for school and business today, including Computing Fundamentals, Key Applications, and Living Online.

elective (½ Credit)

fall semester

IT Essentials-PC Hardware & Operating Systems (G, ND, CTE)

Open to Grades 9, 10, 11, 12

Prerequisite: Introduction to Information Technology

Dual credit is available through Bismarck State College for Grades 10-12

This course presents an in-depth exposure to computer hardware and operating systems. Students learn how hardware and software components work, as well as suggested best practices in maintenance and safety issues. Through hands-on activities and labs, students learn how to physically take apart, assemble, and configure a computer, install operating systems and software, and troubleshoot hardware and software problems. In addition, an introduction to networking is included. This course prepares students for Comp TIA's "A+" certification and/or Comp TIA's "IT Fundamentals" certification exams.

elective (½ Credit)

spring semester

Cybersecurity (G, ND, CTE)

Open to Grades 10, 11, 12

As our world becomes increasingly dependent on technology, cybersecurity is a topic of growing importance. It is crucial that individuals and industry take precautions to protect themselves from the growing threat of cyber-attacks. The fall semester of this course prepares students with beginning knowledge and crucial skills to be responsible citizens in a digital future. Students will learn foundational cybersecurity topics including digital citizenship and cyber-hygiene, the basics of writing and solving codes, software security, networking fundamentals, and basic system administration. Although this is not a coding-intensive course, students will learn basic SQL, and will utilize basic HTML and JavaScript within specific contexts and will be provided supports within those contexts. Students will complete virtual projects at the end of each module. The spring semester will introduce students to best practices businesses use to protect their information as well as techniques individuals can use to protect themselves using social media. Identification of cybercrime, security principles, technologies and security principles to defend industry networks will be covered. A culminating course project where they will complete a simulated cybersecurity hacking experience will occur to build skills and knowledge for students to pursue careers in cybersecurity.

elective (½ Credit)

semester

Coding with JAVA (G, ND, CTE)

Open to Grades 10, 11, 12

This course will provide students with a solid base for understanding the main concepts of programming languages. Students will be introduced to the JAVA programming language and complete projects utilizing programming concepts, variables, constants, decision structures and looping structures.

elective (½ Credit)

spring semester

Coding with Python (G, ND, CTE)

Open to Grades 10, 11, 12

Dual credit is available through Bismarck State College for Grades 10-12

This course is an online application-based course in computer programming using Python language; the fastest growing computer language in the world today. The students will develop good problem solving and programming skills while performing several hands-on labs and assignments including gaming. Topics covered include; procedures, mathematical and business functions, arrays and structures, color, sound, and graphics, creating classes, using files, sorting and searching.

elective (½ Credit)

fall semester

Introduction to Programming/Coding (G, ND, CTE)

Open to Grades 10, 11, 12

This course will provide students with a solid base for understanding the main concepts of programming languages. Students will be introduced to the Visual Basic Programming language and complete projects utilizing programming concepts, variables, constants, decision structures and looping structures.

elective (½ Credit)

fall semester

Key Code NCAA: Meets eligibility requirements. ND: Meets state scholarship requirements. G: Meets BRCS graduation requirements. CTE: Fulfills CTE credit.

Coding with Visual Basics-Programming Essentials (G, ND, CTE)

Open to Grades 10, 11, 12

Prerequisite: Introduction to Programming/Coding

Dual credit is available through Bismarck State College

This course is an online hands-on course in computer programming using visual basic. The students will develop good problem-solving and programming skills while performing several hands-on labs and assignments, including gaming. Topics covered include procedures, mathematical and business functions, arrays and structures, color, sound, and graphics, creating classes, using files, sorting and searching.

elective (½ Credit)

spring semester

Introduction to Networking (G, ND, CTE)

Open to Grades 9, 10, 11, 12

This course teaches the basics of networking. It covers how devices work together on a network, network addressing and network services, how to build a home network and design basic security, the basics of configuring Cisco devices, as well as testing and troubleshooting network problems.

elective (½ Credit)

semester

Network Fundamentals I (G, ND, CTE)

Open to Grades 10, 11, 12

Dual credit is available through Bismarck State College

Network Fundamentals I covers networking architecture, structure, and functions. The course introduces the principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations to provide a foundation toward a career in networking. Students will be able to design an IP addressing structure to provide network connectivity for a small- to medium-sized business network, form initial settings on a network device, and implement basic network connectivity between devices.

elective (½ Credit)

fall semester

Video Game Design (G, ND, CTE)

Open to Grades 10, 11, 12

Prerequisite: Completion of Coding with Python and/or Java is STRONGLY RECOMMENDED for this upper-level coding class.

The course is an upper-level coding course that teaches the foundations of creating and designing video games in JavaScript. The course utilizes a blended classroom approach. The content is fully web-based, with student's writing and running code on-line with teachers utilizing other tools and resources such as on-line videoconferencing to give focused 1-on-1 attention to students. Each unit of the course is broken down into lessons consisting of various resources, example programs to explore, and written programming exercises, adding up to over 100 hours of hands-on video game programming practice in total!

elective (1 Credit)

full year

--MARKETING--

Marketing (G, ND, CTE)

Open to Grades 10, 11, 12

This course develops student understanding and skills in such areas as channel management, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Focus will be on the marketing mix, including products, promotion, pricing, and distribution. Through the use of projects and online simulations, students acquire an understanding and appreciation of marketing activities. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Students also have the opportunity to participate in DECA through Bismarck Public Schools MRCTC group.

elective (1 Credit)

full year

Principles of Finance (G, ND, CTE)

Open to Grades 9, 10, 11, 12

Principles of Finance expands student understanding of finance. Students develop their knowledge and skills in such areas as business law, communication skills, compliance, customer relations, economics, financial analysis, financial-information management, human resources management, marketing, professional development, and selling. Emphasis is placed on the analysis and purchase of securities and investments, as well as the need for effective customer relationship management and information management in finance. Principles of Finance is an entry level course in The Business Administration Program of Study for Marketing Education.

elective (½ Credit)

fall semester

Key Code NCAA: Meets eligibility requirements. ND: Meets state scholarship requirements. G: Meets BRCS graduation requirements. CTE: Fulfills CTE credit.

Sports & Entertainment Marketing (G, ND, CTE)*Open to Grades 10, 11, 12*

This course introduces students to marketing occupations in the area of sports and entertainment. One of the largest industries in the world, sports marketing provides a unique way of looking at the business world. This course will focus on the two main aspects of sports and entertainment marketing: 1) The marketing of sports and entertainment, and 2) The marketing of non-sports products and services through sports. You will discover why companies pay to be associated with a team or entertainer; how to develop ticket plans to fill the seats in the arena; why targeting your marketing efforts is so important; and more. Students also have the opportunity to participate in DECA through Bismarck Public Schools MRACTC group.

elective (½ Credit)*fall semester***Social Media Marketing** (G, ND, CTE)*Open to Grades 9, 10, 11, 12*

Social Media Marketing presents the use of online social networking as a business strategy designed to increase customer loyalty and inquiry conversion. Students will study major social media channels and marketing campaign techniques, and evaluate contemporary and emerging tools in the digital marketplace including social bookmarking and techniques to drive social media traffic. Analyses of social media effectiveness will also be explored. Social Media Marketing is an entry level course in The Business Administration Program of Study for Marketing Education.

elective (½ Credit)*spring semester***Principles of Entrepreneurship** (G, ND, CTE)*Open to Grades 9, 10, 11, 12*

Have you ever thought of owning your own business? This is a marketing course that introduces students to a wide array of entrepreneurial concepts and skills. Students will develop an appreciation for marketing's role in the development and success of a new business. Students conduct thorough market planning for their ventures: selecting target markets; conducting market, SWOT, and competitive analyses; forecasting sales; setting marketing goals and objectives; selecting marketing metrics; and setting a marketing budget. The capstone activity in the course is the development of detailed marketing plans for students' start-up businesses.

elective (½ Credit)*spring semester***--TECHNOLOGY AND ENGINEERING--****STEM Seminar I** (G, ND, CTE)*Open to Grades 9, 10, 11, 12*

STEM Seminar is a project-based course in which students use Science, Technology, Engineering and Math to solve real world problems. Students will design projects such as bridges, assistive-reach devices, simple motors, parachutes, etc. Students will use common, everyday materials to design prototypes of products that help people in the real world. STEM Seminar I focuses on the basics of the Engineering Design Process. There are no textbooks, quizzes, or tests. All grading will be based on the effort in the creation of a product, participation in discussion, and use of the engineering design process. STEM careers will also be explored.

elective (½ Credit)*fall semester***STEM Seminar II** (G, ND, CTE)*Open to Grades 9, 10, 11, 12*

STEM Seminar II is a project-based course in which students use Science, Technology, Engineering and Math to solve real world problems. Students will explore concepts such as energy and power, agricultural engineering, computer programming, and medical technology. STEM Seminar II focuses on the Engineering Design Process. There are no textbooks, no quizzes, and no tests. All grading will be based on the effort in the creation of a product, participation in discussion, and use of the engineering design process. STEM careers will also be explored.

elective (½ Credit)*spring semester***Foundations of Engineering/Tech I** (G, ND, CTE)*Open to Grades 9, 10, 11, 12**Prerequisite: STEM Seminar I or II*

In this class, students will complete design challenges while researching better solutions, designing 3D models and actual models, testing and evaluating products. Some possible hands-on projects include developing and designing a wind turbine, solar car, CO2 dragster, a mousetrap car, and a glider. This course consists of two separate learning units, each nine weeks in length: Energy and Power Technologies and Transportation Technologies. STEM careers and safety will also be explored.

elective (½ Credit)*fall semester*

Foundations of Engineering/Tech II (G, ND, CTE)*Open to Grades 9, 10, 11, 12**Prerequisite: Foundation of Engineering/Tech I*

In this class, students will complete design challenges while researching better solutions, designing 3D models and actual models, testing and evaluating products. Some possible hands-on projects include developing and designing a bridge, a survival shelter, a prosthetic arm, a robot and a rocket. This course consists of two separate learning units, each nine weeks in length: Manufacturing Technologies and Construction Technologies. STEM careers and safety will also be explored.

elective (½ Credit)*spring semester*

MINOT HIGH SCHOOL OFFERINGS AVAILABLE TO BISHOP RYAN STUDENTS

Students who enroll in courses offered at Minot High School are responsible for scheduling their opportunity to take the WorkKeys Exam through the counselor's office at Magic City Campus.

Auto Technology (G, ND)*Open to Grades 11, 12*

Train for an entry-level job in the automotive industry. Students will gain experience using industry equipment such as an on-the-car break lathe, a 4-wheel alignment rack and scan tools, along with shop operations to become familiar with common automotive problems and their solutions. The Automotive Service Excellence (ASE) areas of suspension and steering, brakes, electrical/electronic systems, engine repair maintenance and power train components will be the focus of the coursework. Career opportunities and workplace readiness skills will also be addressed.

Coveralls and safety glasses are required to protect students and meet safety standards.

elective (2 Credits)*full year (two hours/day)***Auto Technology II** (G, ND)*Open to Grade 12**Prerequisite: Auto Technology I*

Auto Technology II further trains students on ABS braking, suspension, electrical, and advanced engine diagnosis. An additional 360 hours of instruction in advanced auto mechanics will be provided to reinforce the concepts learned in Auto Tech I and prepare the student for gainful employment. Students can earn a Student ASE Certificate.

Coveralls and safety glasses are required to protect students and meet safety standards.

elective (2 Credits)*full year (two hours/day)***Medical Careers I** (G, ND)*Open to Grades 10, 11, 12*

Medical Careers I provides students interested in the Health Sciences, basic health care concepts fundamental to a wide variety of medical care careers. Students will investigate occupations, personal and professional issues, anatomy and physiology as they apply to the health professional. This course is for students interested in pursuing careers in Medicine, Dental, Veterinary, Nursing, and the Allied Health Professions with patient contact. A variety of interactive learning methods is used including professional speakers and community tours.

elective (1 Credit)*full year***Medical Careers II** (G, ND)*Open to Grades 11, 12**Prerequisite: Medical Careers I*

This course is the clinical portion of Medical Careers. Instruction will include HIPAA, legal ethical, patient care skills, and CPR/First Aid Training. Students will attend clinical work experiences in health science related facilities such as assisted living, long-term care, hospital, clinic and other related areas in town for a total of 9 weeks.

Transportation and uniforms are required. Students must make their own transportation arrangements.

elective (1 Credit)*semester (two hours/day)*

Certified Nursing Assistant/Certified Medication Assistant (G, ND)*Open to Grades 11, 12**Prerequisite: Medical Careers II*

Certified Nursing Assistant training includes coursework, hand-on activities, residential experience, hospital experience, along with soft skills and job readiness training. At the end of the class, students will have the option to take the National CNA examination for a fee. Certified Medication Assistant training includes classroom instruction and practice of clinical skills in the classroom setting. Certified Medication Assistants can provide medications in nursing homes, assisted living centers, care facilities for handicapped, schools, child care settings or patient homes under the direct supervision of a licensed care provider. After completion, the student may take the National Medication Assistant examination for an additional fee. Students must pass the CNA exam prior to taking the CMA exam.

Transportation and uniforms are required. Students must make their own transportation arrangements.

elective (1 Credit)*semester (two hours/day)***Advanced Medical Careers** (G, ND)*Open to Grade 12**Prerequisite: Medical Careers II*

Learn advanced skills in Advanced Medical Careers focusing on the medical career of your choice. Builds on the basics of health careers and is intended for students who will pursue a health career after high school. You will make an in-depth investigation of the career of your choice and be involved in community projects while investigating topics in community health, epidemics, cancer, emergencies, etc. Students will practice decision-making skills, making healthy choices, taking responsibility for their own health and will have expanded clinical work experience in local hospitals and clinics.

Transportation and uniforms are required. Students must make their own transportation arrangements.

elective (1 Credit)*full year*

****Other courses available upon request.****

COLLEGE COURSES AVAILABLE TO BISHOP RYAN STUDENTS

-----Classes offered through Minot State University-----

Please note that upon completion of a Minot State University course, the student is responsible for submitting a transcript for inclusion on their Bishop Ryan transcript. Minot State University does not send transcripts to Bishop Ryan Catholic School.

College Algebra (G, ND, NCAA)*Open to Grade 12**Prerequisites: Algebra II and either a 21 on the math portion of the ACT or a qualifying Compass score at MSU*

This course includes topics of solving equations and inequalities, exponential and logarithmic functions, rational and radical expressions, systems of linear equations, sequences, series and graphing.

Students registering for this class must apply for admission to Minot State University and are required to pay university tuition to earn applicable college semester credits. Applications for admission at MSU are available in the BRCS Counseling Office.

elective (½ Credit)*semester***College Pre-Calculus** (G, ND, pending NCAA approval)*Open to Grade 12*

This course consists of a review of selective topics in algebra, graphing and functions, trigonometry, trigonometric functions and solving triangles. Also included are conic sections, standard forms, polar coordinates and introduction to parametric equations.

Students registering for this class must apply for admission to Minot State University and are required to pay university tuition to earn applicable college semester credits. Applications for admission at MSU are available in the BRCS Counseling Office.

elective (½ Credit)*semester*

College Calculus (G, ND, NCAA)*Open to Grade 12*

Calculus includes the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics, including some combination of trigonometry, elementary functions, analytic geometry and algebra.

Students registering for this class must apply for admission to Minot State University and are required to pay university tuition to earn applicable college semester credits. Applications for admission at MSU are available in the BRCS Counseling Office.

elective (½ Credit)*semester***College Comp 110** (G, ND, NCAA)*Open to Grades 11, 12*

This course provides guided practice in college-level reading, writing, and critical thinking. Emphasis on the writing process and approaches to critical reading are included.

Students registering for this class must apply for admission to Minot State University and are required to pay university tuition to earn applicable college semester credits. Applications for admission at MSU are available in the BRCS Counseling Office.

elective (½ Credit)*semester***College Comp 120** (G, ND, NCAA)*Open to Grades 11, 12**Prerequisite: College Comp 110*

This course provides advanced practice in college-level writing from sources and in applying rhetorical strategies with an emphasis in incorporating research in academic writing.

Students registering for this class must apply for admission to Minot State University and are required to pay university tuition to earn applicable college semester credits. Applications for admission at MSU are available in the BRCS Counseling Office.

elective (½ Credit)*semester***College Speech** (G, ND, NCAA)*Open to Grades 11, 12*

This course focuses on the theory and practice of public speaking with emphasis on topic selection, content, organization of material, language, methods of securing attention and maintaining interest, delivery and critical evaluation of informative and persuasive messages. College Speech may not be used as part of a communications arts major, minor, or concentration.

Students registering for this class must apply for admission to Minot State University and are required to pay university tuition to earn applicable college semester credits. Applications for admission at MSU are available in the BRCS Counseling Office.

elective (½ Credit)*semester***-----Classes offered through University of Mary-----****Basic Catholic Beliefs** (G)*Open to Grade 12*

This course explores the fundamental content and structure of Catholic faith and life as presented in the Catechism of the Catholic Church, examining the profession of faith according to the Apostles' Creed, the celebration of the Christian mystery in the liturgy and sacraments, the moral life in Christ, and Christian prayer.

Students registering for this class must apply for admission to the University of Mary and are required to pay university tuition to earn applicable semester credits. Applications for admission at UMary are available in the BRCS Counseling Office.

elective (½ Credit)*semester***Intro to Sacred Scripture** (G)*Open to Grade 12*

This course examines the structure and content of the Bible in its historical, literary, and canonical contexts with attention to traditional and modern interpretive approaches and the Bible's role in faith, life, and liturgy.

Students registering for this class must apply for admission to the University of Mary and are required to pay university tuition to earn applicable semester credits. Applications for admission at UMary are available in the BRCS Counseling Office.

elective (½ Credit)*semester*

COLLEGE SCHOLARSHIP OPPORTUNITIES

FASTWeb Scholarships for Juniors

The following link is a giant search engine of scholarships available to juniors. Review the scholarship requirements to see if you are eligible and apply to start earning money for college.

www.fastweb.com/directory/scholarships-for-high-school-juniors

FASTWeb Scholarships for Seniors

If you feel you need more scholarship resources, this site is a search engine of scholarships for seniors. Look over the requirements to see if you are eligible and apply.

www.fastweb.com/directory/scholarships-for-high-school-seniors

Minot Area Dollars for Scholars

Dollars for Scholars gives out several scholarships for ND students. Create a profile at:

www.minot.dollarsforscholars.org

North Dakota Academic and CTE Scholarships

Award Amount: \$6,000 over 4 years; \$1,500/year

Eligibility Criteria: Meet all of the scholarship criteria found on the ND DPI website

www.nd.gov/dpi/uploads/204/required.pdf

North Dakota Scholars Program

This program is a merit-based, full-tuition scholarship for qualifying ND high school graduates who choose to earn undergraduate degrees in North Dakota.

Eligibility Criteria: High school students who score at or above the 95th percentile among those who took the ACT prior to July 1st in the calendar year preceding the individual's enrollment in college will be considered for the award. Scholarships will be awarded in descending rank order until available funds are expended or until the pool of applicants has been exhausted.

How to Apply: Take the ACT Assessment prior to July 1st in the calendar year preceding your full-time enrollment in college. No separate application is needed.

North Dakota State Student Incentive Grant Program

Amount: North Dakota state grants awarded up to \$975 per semester or \$650 per quarter, based on enrollment status.

Eligibility Criteria: Applicants must have graduated from a high school in North Dakota.

Mail or Fax supporting documentation to:

NDUS

600 E Boulevard Ave, Dept 21

Bismarck, ND 58505-0602

Fax: (701) 328-2979

Real DEAL Scholarship—Bank of North Dakota

Award Amount: Forty-eight (48) \$500 scholarships with the chance for each to win an additional \$3,000 at the end of the school year.

Eligibility Criteria: Have a 2.5+ GPA, demonstrate community and school involvement in at least three activities, and plan to attend a North Dakota college or university.

How to Apply: Complete the online application at bnd.nd.gov/scholarship.

Each month eight recipients are selected, October-March. The sooner you enter, the more chances you have to win.

Online Scholarship Opportunities

The following scholarships are accessible online. For more scholarship information, please visit Dr. Bryans in the academic office or the Scholarship Board outside Mr. Lee's office.

Apple Award

applecorecommunity.com

The Associated General Contractors of North Dakota

www.agcnd.org

AXA Foundation

us.axa.com/axa-foundation/about.html

Burger King

bkmclamorefoundation.org/who-we-are/programs/burger-king-scholars-program

The Coolidge Scholarship

coolidgescholars.org

Drake University Physics Prize

drake.edu/physics/about/scholarshipsphysicsprize

Dushinske & Jamison Water Resources

ndwater.com/programs/north-dakota-water-education-foundation

Elks Legacy Award

www.elks.org/scholars/scholarweb/legacy/rules.cfm

Elks National Foundation Scholarships for Elks Families

www.enf.elks.org/leg

Enerbase Cooperative

enerbase.coop/scholarships

Farm Credit Services

www.farmcreditnd.com

Farm Credit Services Scholarship in Agriculture

www.farmcreditnd.com

Groth and Associates

www.grothlaw.com/scholarship

Heather Presser Annual Scholarship

Applicant must write a short essay, one-page or less, about how they have demonstrated one of the following attributes, which are some of Heather's legacy: kindness, friendship, consideration, thoughtfulness, or gratitude.

Email your essay to trydy@gundersonsoftware.com

Horatio Alger Career and Technical Scholarship

scholars.horatioalger.org/scholarships/about-our-scholarship-programs/technical

Hubert and JoAnn Seymore Scholarship

nfu.org/education/scholarships

Khan Law Firm

khaninjurylaw.com/scholarship

Lisa Burdolski Memorial Scholarship

nd.usjcisenate.org

National Honor Society

www.nhs.us/students/the-nhs-scholarship?SSO=true

National Wild Turkey Federation

www.nwtf.org/jakes

North Dakota Crop Improvement & Seed Association
www.ndcropimprovement.com

North Dakota Farmer's Union
ndfu.org/youth/scholarships

North Dakota Farmers Union Co-op House Scholarship
ndfu.org/wp-content/uploads/2016/01/SCHOLARSHIP_Co-opHouse_2016.pdf

North Dakota Implement Dealers
www.ndida.com/ndida/career_center/scholarship_program.php

North Dakota Mensa
www.mensafoundation.org/what-we-do/scholarships

North Dakota Rural Water Systems Association
www.ndrw.org

North Dakota School Counselor Association
www.ndsca.org/scholarship-application.cfm

North Dakota United
ndunited.org/benefits/scholarships-and-grants/nd-united-foundation-scholarships

Prairie Hills Scholastic Banquet
bhgnews.com/scholarship

RTC and FRS Scholarship
rtc.coop/resources/scholarships

Reuben T. Guenther Scholarship
www.nd.gov/cte/students/RTGScholarship.html

Ronald McDonald House US Scholarship Program
www.rmhcattanooga.com/what-we-do/rmhc-us-scholarship-program

Rotary Scholarship Fund
www.centerforcommunitygiving.com/receive/Scholarships

Rove Pest Control
www.rovepestcontrol.com/rove-pest-control-scholarship

SRT College Scholarship, Technical Scholarship, or Foundation for Rural Service
srt.com/onlinestore/do/content/srtcares

State Farm Companies Foundation
www.statefarm.com/about-us/community/education-programs/grants-scholarships/foundations-scholarships

studentscholarships.org
www.studentscholarships.org

United Community Bank
www.ucbnd.com/community-connections/scholarship-program

Verendrye Electric
www.verendrye.com/content/scholarship-application

Wace National Co-op Scholarship Program
www.waceinc.org/scholarship/index.html

Wendy's Heisman
www.wendyshighschoolheisman.com/application

Winfield Careers in Agriculture
usascholarships.com/winfieldcareers-in-agriculture-scholarship

Young American Creative Patriotic Art Awards
www.scholarshipsonline.org/2013/02/young-american-creative-patriotic-art.html#.Wn3PZKinGUk