

RAPID CITY CATHOLIC SCHOOL SYSTEM

ST. THOMAS MORE HIGH SCHOOL

COURSE DESCRIPTIONS

February 2021



Official school records are kept in the protection of the school unless a student transfers to another school and an official transfer slip, signed by a parent, is submitted to release records. The Family Education Rights and Privacy Act of 1974 guarantees parents and guardians of students under the age of 18, and all students 18 years or older, the right to view records at any time in the Administrative Office. Parents are asked to make an appointment prior to such a visit.

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SCHOOL BOARD POLICIES

Grading Scale (BP STM-2000-003)

Letter grades are used in each course to denote student progress, attitude, and ability to work to capacity. The grading scale is as follows:

A+	100	C+	84 – 85
A	95 – 99	C	79 – 83
A-	93 – 94	C-	77 – 78
B+	91 – 92	D+	75 – 76
B	88 – 90	D	71 – 74
B-	86 – 87	D-	69 – 70
		F	68 and below

An “I” for a grading period indicates that the student has not completed required work for the course. The work must be completed within a time frame agreed upon by the teacher and the student. An “F” for semester grade results in no credit earned. If the failure is in a course required by St. Thomas More for graduation, the student must make up the credit before graduation.

High School Graduation Requirements (BP STM-2000-006)

Twenty-six (26) units are required for graduation from St. Thomas More High School. St. Thomas More students are required to register for seven courses each semester, except seniors, who may engage in a flexible afternoon schedule. A student must have a minimum of six units to be considered a sophomore; a minimum of twelve units to be considered a junior, and a minimum of eighteen units to be considered a senior. Individual consideration is given to transfer students concerning St. Thomas More required units and courses.

The following are the specific number of units and courses required by St. Thomas More for graduation. Any failure of a required course (i.e., religion, English, math, etc.) must be made up in order for the student to graduate from St. Thomas More.

Graduation Requirements

4 units of religion
(40 hrs min. senior service proj.)
4 units of English
4 units of social science
3 units of mathematics
3 units of laboratory science
2 units of a foreign language
1 unit of technology
1 unit of fine arts
3 or more units of electives
1 unit of Physical Education/Health

STM Recommendations

4 units of religion
(40 hrs min. for senior service proj)
4 units of English
4 units of social science
4 units of mathematics
4 units of laboratory science
3 units of foreign language
1 unit of technology
1 unit of fine arts
3 units of electives
1 unit of Physical Education/Health

.5 Credit of Personal Finance/Econ .5 Credit of Personal Finance/Econ
Students must be in “Good Standing” to graduate from St. Thomas More. In order to be in “good standing,” seniors must meet all academic requirements and the following stipulations:

- Pass all courses during the senior year
- Complete all financial/tuition obligations
- Pay all fees/fines/assessments
- Successfully complete the senior service project
- Fulfill all discipline obligations
- Maintain a satisfactory attendance/tardy record

Course Schedule Requirements (BP STM-2000-007)

St. Thomas More students are required to take a full load of classes as described by the following:

- Freshmen – Minimum of 7 Classes and Study Hall or 8 Classes
- Sophomores – Minimum of 7 Classes and Study Hall or 8 Classes
- Juniors – Minimum of 7 Classes and Study Hall or 8 Classes
- Seniors – Minimum of 4 Classes and an Internship or 5 Classes

Students taking College Level Courses (BP STM-2000-008)

Students that are interested in taking college classes must see the Administration and Guidance Department. These will be handled on an individual basis.

Senior Bridging (BP STM-2000-009)

The Catholic School Board has approved that the administration implement the Senior Bridging plan on a year-to-year basis. Senior bridging provides an opportunity to build academic accountability; enhance community between student, family and school; and encourage student responsibility.

This plan has been developed in order to help provide St. Thomas More seniors with a wide range of opportunity for growth while assuring that our school vision of rigorous academics and value-based formation of students is being maintained. The administration is required to monitor and evaluate the plan on an ongoing basis to assure that it meets the following expectations:

- ◆ Students will invest their time fruitfully and productively in the Flex-block
- ◆ Students will provide regular accountability for their use of that time
- ◆ Communication will be maintained on a regular basis between family and school

All seniors are required to take a morning block of classes consisting of English, Government/Economics, Religion and an elective. This morning block is scheduled from 8:00 a.m. to 12:00 noon. Seniors are also required to: Schedule appointments during any afternoon free time, attend overnight senior retreat and meet the 30-hour minimum service requirement, maintain status of “student in good standing.”

Although a full schedule of St. Thomas More classes is offered in the afternoon, seniors are provided the opportunity to invest their afternoon time in a flexible manner, with discussion and approval of the school and their family.

Dual Enrollment/ Dual Credit (BP STM-2000-010)

Dual Enrollment/Dual Credit Policy

Dual Enrollment refers to students being enrolled concurrently in two distinct academic programs or educational institutions.

Dual Credit refers to students who have the opportunity to receive academic credit at one or both institutions.

Due to the demanding nature and the maturity level that is required beyond normal academic standards and course load requirements, St. Thomas More High School will allow dual enrollment and/or dual credit courses based upon the following criteria:

1. Students must be a junior or senior in good academic standing having passed all classes from the previous semester.
2. Classes offered at STM including core classes and/or required classes for STM graduation are not eligible.
3. Enrollment requires a pre-approval process by administration and completion of a Student Contract with parental/guardian signature.
4. Courses may be taken on-line or on-campus of another institution.
5. High school credit will be awarded based upon STM grading standards on a 4.0 scale and will factor into GPA and class ranking.
6. Students may earn AP Weighted GPA points for college level courses that are vertically stacked above the AP classes offered at STM.
7. Dual credit courses will be considered into a student's eligibility for school activities.
8. All expenses and resources for the course are the responsibility of the student/parents/guardians.

Qualifying factors for dual credit vary from year to year and school to school; please refer to SDMyLife for the most current eligibility factors. Additional information can be found online and with the school counselor.

South Dakota Opportunity Scholarship (BP STM-2000-014)

The South Dakota Opportunity Scholarship is a program that awards a \$6,500 scholarship over four years to a qualifying high school graduate, who attends an eligible higher education institution in South Dakota. Recipients may participate in the South Dakota Opportunity Scholarship program for the equivalent of four academic years (eight consecutive fall and spring terms), or until attaining a baccalaureate degree. During each academic year, one-half of the annual scholarship award will be distributed at the beginning of the fall semester and the other half distributed at the beginning of the spring semester:

Eligibility is based on an application submitted to the South Dakota postsecondary institution by the student, along with an official high school transcript and verification of a minimum ACT score of 24 (or a SAT score where the sum of the verbal and mathematics scores is at least 1090) and with no grade below a “C” and a cumulative grade point average of 3.0 or better. Effective for those students entering into postsecondary education for the first time on or after August 2013, the curriculum requirements listed below are not required for any student who has received a composite score on the ACT of at least 28 and meets the ACT college readiness benchmarks scores equaling or exceeding 18 for English, 22 for Reading, 22 for Math, and 23 for Science.

- ◆ 4 years of Science (3 must be approved lab)
- ◆ 4 years of Math (Algebra or higher)
- ◆ 4 years of English
- ◆ 3 years of Social Studies
- ◆ 2 units of either of the following or combination of the two
 - Approved Career and Technical Education Courses (CTE)
 - Modern or Classical Language (All units must be in the same language)
- ◆ 1 year of Fine Arts
- ◆ ½ Personal Finance or Econ
- ◆ ½ year of Health
- ◆ ½ year of PE

For updated eligibility, please go to: <https://sdos.sdbor.edu/require/require.html>

Drop/Add Policy (BP STM-3000-001)

Any course change should be made, if at all possible, prior to the start of school. The only changes that will be made once school starts will be those deemed necessary by the principal. Changes will be made only with administrator approval. If this occurs the student will bring a note signed by the parents to drop or add a class if it is possible to work it into the student’s schedule and the change does not disrupt the student’s career goals. All changes must be made during the first five days of the semester. If a student drops after five class days, they will then receive a “W/F” on their report card and it will be figured into their Grade Point Average (GPA).

Students enrolled in yearlong courses must complete the full year in order to receive credit. If a student withdraws from the class at any time before the end of a semester, he/she will receive a “WF” (Withdrawal-F). This will be placed on the transcript and figured into GPA. If a student drops a yearlong course at semester time, he/she will not receive credit or the grade received for the semester completed. The full year must be completed to receive credit and to have the grade count towards the student’s GPA. If the student drops the class at the end of the first semester, there will be a “W” (Withdrawn from class) placed on the transcript for both semesters.

Administration discretion may be used in extreme circumstances.

STUDENT ACADEMIC STANDING

STM Graduation Requirements = 26 Credits As Follows

Consult current *Course Description Book* for course available each academic year

Student Name _____

Graduation Year _____

RELIGION 4 Credits Required

		S1%	S2%	grades
*07006 Intro to Catholicism/Sacra Theology	1 credit			
*07001 Moral Theo/Command/Theo of Body	1 credit			
*07002 Sacred Scripture/Church History	1 credit			
*07015 Logic/Philosophy/Ecumenism	1 credit			

ENGLISH LANGUAGE ARTS 4 Credits Required

^ 4 credits required		S1%	S2%	grades
*01001 Engl 9 - Intro to Comp/Lit -OR-	1 credit			
01001 Engl 9 - Adv Intro to Comp/Lit	1 credit			
*01151 Engl 10 - Speech/World Lit	.5 credit			
*01106 Engl 10 - Speech/World Lit -OR-	.5 credit			
01151 Engl 10 - Adv Speech/Adv World Lit	.5 credit			
01106 Engl 10 - Adv Speech/Adv World Lit	.5 credit			
*01054 Engl 11 - Am. Lit /Am Lit Comp	.5 credit			
*01102 Engl 11 - Am. Lit/Am. Lit Comp -OR-	.5 credit			
01005 Engl 11 - AP Eng Lang/Comp [Am. Lit]	1 credit			
*01056 Engl 12 - British Lit/Comp -OR-	1 credit			
01006 Engl 12 - AP Eng Lit/Comp	1 credit			
01152 Debate	1 credit			
DC				
DC				

SOCIAL STUDIES 3.5 Credits Required

^ 3 credits required		S1%	S2%	grades
*04001 World Geography	1 credit			
*04051 World History-Overview	1 credit			
04057 AP World History	1 credit			
*04103 US History-Modern -OR-	1 credit			
04104 AP US History	1 credit			
*04151 US Government-Comprehensive -OR-	.5 credit			
04157 AP US Government and Politics	1 credit			
04254 Psychology	.5 credit			
04256 AP Psychology	1 credit			
04258 Sociology	.5 credit			
DC				
DC				

MATHEMATICS 3 Credits Required

^ 4 credits required		S1%	S2%	grades
*02052 Algebra I	1 credit			
*02072 Geometry	1 credit			
*02056 Algebra II	1 credit			
02103 Trigonometry	.5 credit			
02110 Pre-Calculus	.5 credit			
02124 AP Calculus AB	1 credit			
02201 Probability and Statistics	1 credit			
02203 AP Statistics	1 credit			
DC				
DC				

SCIENCE 3 Credits Required

^ 4 credits required (3 labs)		S1%	S2%	grades
*03051 Biology I -L-	1 credit			
*03101 Chemistry -L- -OR-	1 credit			
03102 Advanced Studies Chemistry -L-	1 credit			
03106 AP Chemistry -L-	1 credit			
*03151 Physics-L-	1 credit			
03165 AP Physics 1 -L-	1 credit			
03003 Environmental Science -L-	1 credit			
03053 Anatomy & Physiology/Bio II -L-				
DC				
DC				

WORLD LANGUAGE 2 Credits Required

^ 2 credits required or CTE		S1%	S2%	grades
*06121 French I	1 credit			
*06122 French II	1 credit			
06123 Honors French III	1 credit			
06124 Honors French IV	1 credit			
-OR-				
*06101 Spanish I	1 credit			
*06102 Spanish II	1 credit			
06103 Honors Spanish III	1 credit			
06104 Honors Spanish IV	1 credit			
DC				

* Indicates STM Graduation Requirement

^ Indicates requirement for the SD Opportunity Scholarship.

ST. THOMAS MORE HIGH SCHOOL
FRESHMAN SCHEDULING | 2021-2022 SCHOOL YEAR

Student Name _____

Date _____

You need 26 credits to graduate. Check the courses you wish to take next year.

This is a pre-registration form and is used for the purpose of determining courses to offer and staff needed

RELIGION

____ 07006 Intro to Catholicism/Sacramental Th 1 credit

MATHEMATICS

____ 02052 Algebra I 1 credit

____ 02072 Geometry 1 credit

ENGLISH LANGUAGE ARTS

____ 01001 Intro to Comp/Lit 1 credit

____ 01001 Adv Intro to Comp/Lit 1 credit

WORLD LANGUAGE

Student is required to register for a language

____ 06121 French I 1 credit

____ 06101 Spanish I 1 credit

SOCIAL STUDIES

____ 04001 World Geography 1 credit

FINE ARTS

____ 05151 Art Appreciation 1 credit

____ 05110 Chorus-Mixed 1 credit

____ 05054 Explorations in Drama 1 credit

____ 05125 Jazz Band Full Year .5 credit

____ 05104 Orchestra-General 1 credit

____ 05101 Band-General 1 credit

SCIENCE

____ 03051 Biology -L- 1 credit

CAREER & TECHNICAL ED.

____ 10009 Intro to Information Technology 1 credit

PHYSICAL EDUCATION

____ 08001 Physical Ed./08051 Health Ed. 1 credit

OTHER

____ STUDY HALL

Parent Approval:

Freshmen are required to take 8 CREDITS or 7 CREDITS with a Study Hall

ST. THOMAS MORE HIGH SCHOOL
SOPHOMORE SCHEDULING | 2021-2022 SCHOOL YEAR

Student Name _____

Date _____

You need 26 credits to graduate. Check the courses you wish to take next year.

This is a pre-registration form and is used for the purpose of determining courses to offer and staff needed

RELIGION

_____ 07001 Moral Theo/Command/Theo of Bod; 1 credit

MATHEMATICS

_____ 02072 Geometry 1 credit

_____ 02056 Algebra II 1 credit

ENGLISH LANGUAGE ARTS

_____ 01151/01106 Speech/World Lit 1 credit

_____ 01151/01106 Adv Speech/World Lit 1 credit

WORLD LANGUAGE

Student is required to register for a language

_____ 06122 French II 1 credit

_____ 06102 Spanish II 1 credit

SOCIAL STUDIES

_____ 04051 World History-Overview 1 credit

_____ 04057 AP World History 1 credit

FINE ARTS

_____ 05151 Art Appreciation 1 credit

_____ 05154 Creative Art Comprehensive 1 credit

_____ 05110 Chorus-Mixed 1 credit

_____ 05054 Explorations in Drama 1 credit

_____ 05125 Jazz Band Full Year .5 credit

_____ 05104 Orchestra-General 1 credit

_____ 05101 Band-General 1 credit

SCIENCE

_____ 03101 Chemistry -L- 1 credit

_____ 03102 Advanced Studies Chemistry -L- 1 credit

_____ 03053 Anatomy & Physiology/Bio II - L- 1 credit

CAREER & TECHNICAL ED.

_____ 10009 Intro to Information Technology 1 credit

_____ 10019 AP Computer Science Principles 1 credit

PHYSICAL EDUCATION

_____ 08001 Physical Ed./08051 Health Ed. 1 credit

OTHER

_____ STUDY HALL

Parent Approval:

Sophomores are required to take 8 CREDITS or 7 CREDITS with a Study Hall

ST. THOMAS MORE HIGH SCHOOL

JUNIOR SCHEDULING | 2021-22 SCHOOL YEAR

Student Name _____

Date _____

You need 26 credits to graduate. Check the courses you wish to take next year.

This is a pre-registration form and is used for the purpose of determining courses to offer and staff needed

RELIGION

_____ 07002 Sacred Scripture/Church History 1 credit

ENGLISH LANGUAGE ARTS

_____ 01054/01102 American Lit/Comp 1 credit

_____ 01005 AP Eng Lang/Comp 1 credit

SOCIAL STUDIES

_____ 04103 US History-Modern 1 credit

_____ 04104 AP US History 1 credit

Social Studies Electives

_____ 04254 Psychology (1st Semester) .5 credit

_____ 04258 Sociology (2nd Semester) .5 credit

_____ 04256 AP Psychology 1 credit

SCIENCE

_____ 03101 Chemistry -L- 1 credit

_____ 03102 Advanced Studies Chemistry -L- 1 credit

_____ 03151 Physics -L- 1 credit

_____ 03165 AP Physics -L- 1 credit

_____ 03053 Anatomy & Physiology/Bio II -L- 1 credit

OTHER

_____ STUDY HALL

MATHEMATICS

_____ 02072 Geometry 1 credit

_____ 02056 Algebra II 1 credit

_____ 02057 Algebra III 1 credit

_____ 02103 Trigonometry (2nd Semester) .5 credit

_____ 02110 Pre-Calculus (1st Semester) .5 credit

_____ 02203 AP Statistics 1 credit

WORLD LANGUAGE

_____ 06123 Honors French III 1 credit

_____ 06103 Honors Spanish III 1 credit

FINE ARTS

_____ 05151 Art Appreciation 1 credit

_____ 05154 Creative Art Comprehensive 1 credit

_____ 05170 Art Portfolio 1 credit

_____ 05110 Chorus-Mixed 1 credit

_____ 05054 Explorations in Drama 1 credit

_____ 05125 Jazz Band Full Year .5 credit

_____ 05104 Orchestra-General 1 credit

_____ 05101 Band-General 1 credit

CAREER & TECHNICAL ED.

_____ 10009 Intro to Information Technology 1 credit

_____ 10019 AP Computer Science Principles 1 credit

PHYSICAL EDUCATION

_____ 08001 Physical Ed./08051 Health Ed. 1 credit

Physical Education Elective

_____ 08018 Sports Medicine -Elective- 1 credit

Parent Approval:

_____ Juniors are required to take 8 CREDITS or 7 CREDITS with a Study Hall

File: *Updating.....STMHS Course Selection and Academic Standing Forms*

2/22/2021

ST. THOMAS MORE HIGH SCHOOL

SENIOR SCHEDULING | 2021-2022 SCHOOL YEAR

Student Name _____

Date _____

You need 26 credits to graduate. Check the courses you wish to take next year.

This is a pre-registration form and is used for the purpose of determining courses to offer and staff needed

RELIGION

_____ 07015 Logic/Philosophy/Ecumenism 1 credit

ENGLISH LANGUAGE ARTS

_____ 01056 British Lit/Comp 1 credit

_____ **01006 AP Eng Lit/Comp** 1 credit

SOCIAL STUDIES

_____ 04151 US Government-Comprehensive (2nd) .5 credit

_____ **04157 AP US Government and Politics** 1 credit

Social Studies Electives

_____ 04254 Psychology (1st semester) .5 credit

_____ **04256 AP Psychology** 1 credit

_____ 04258 Sociology (2nd semester) .5 credit

SCIENCE

_____ 03101 Chemistry -L- 1 credit

_____ 03102 Advanced Studies Chemistry -L- 1 credit

_____ 03151 Physics -L- 1 credit

_____ **03165 AP Physics** 1 credit

_____ 03053 Anatomy and Physiology/Bio II-L- 1 credit

INTERNSHIP

_____ 80026 Youth Internship--1st Semester .5 credit

_____ 80026 Youth Internship--2nd Semester .5 credit

MATHEMATICS

_____ 02056 Algebra II 1 credit

_____ 02057 Algebra III 1 credit

_____ 02103 Trigonometry (2nd Semester) .5 credit

_____ 02110 Pre-Calculus (1st Semester) .5 credit

_____ **02124 AP Calculus AB** 1 credit

_____ **02203 AP Statistics** 1 credit

WORLD LANGUAGE

_____ 06123 Honors French III 1 credit

_____ 06124 Honors French IV 1 credit

_____ 06103 Honors Spanish III 1 credit

_____ 06104 Honors Spanish IV 1 credit

FINE ARTS

_____ 05151 Art Appreciation 1 credit

_____ 05154 Creative Art Comprehensive 1 credit

_____ 05170 Art Portfolio 1 credit

_____ 05110 Chorus-Mixed 1 credit

_____ 05054 Explorations in Drama 1 credit

_____ 05125 Jazz Band Full Year .5 credit

_____ 05104 Orchestra-General 1 credit

_____ 05101 Band-General 1 credit

CAREER & TECHNICAL ED.

_____ 10009 Intro to Information Technology 1 credit

_____ **10019 AP Computer Science Principles** 1 credit

_____ 22210 Personal Finance (1st semester) .5 credit

PHYSICAL EDUCATION

_____ 08001 Physical Ed./08051 Health Ed. 1 credit

Physical Education Elective

_____ 08018 Sports Medicine -Elective 1 credit

Parent Approval:

Seniors are required to take 5 CREDITS

This worksheet serve as a guide to help determine the courses you are interested in taking and the courses needed to meet the graduation requirements. Refer to the *Course Description Book* and the *Student Academic Sheet* for courses available and course names. Not all classes are offered every year. Freshman-Junior years:—a student must have eight classes or seven classes with a study hall. Senior year—a student must have five credits or four credits with an internship.

Academic Planning Worksheet

STM Graduation Requirement = 26 Credits

- | | |
|----------------------------------|-----------------------------------|
| *4 credits of Religion | *1 credit of Technology |
| *4 credits of English | *1 credit of Fine Arts |
| *4 credits of Social Science | *1 credit of PE/Health |
| *3 credits of Mathematics | *.5 credit Personal Finance/Econ |
| *3 credits of Laboratory Science | *2.5 or more credits of Electives |
| *2 credits of a Foreign Language | |

	Fall Semester	Spring Semester
FRESHMAN YEAR	1. Intro to Catholicism/Sacramental Theology	
	2. Intro. to Literature/Composition OR Advanced Intro to Literature/Composition	
	3. Math: See Mathematics Course Sequencing on page 23	
	4. Biology	
	5. World Geography	
	6. Foreign Language (French or Spanish)	
	7.	
	8.	

	Fall Semester	Spring Semester
SOPHOMOR YEAR	1. Moral Theology/Commandments/ Theology of the Body	
	2.Speech/World Lit OR Advanced Speech/Advanced World Lit	
	3. Math: See Mathematics Course Sequencing on page 23	
	4. Science: See Science Course Sequencing on page 28	
	5. World History Overview	
	6. Foreign Language (French II or Spanish II) - <i>Must be same language as 9th grade</i>	

	7.	
	8.	

JUNIOR YEAR	Fall Semester	Spring Semester
	1. Sacred Scripture/Church History	
	2. American Lit/American Lit Composition OR AP Eng Lang Comp	
	3. Math: See Mathematics Course Sequencing on page 23	
	4. Science: See Science Course Sequencing on page 28	
	5. US History Modern OR AP US History	
	6.	
	7.	
	8.	

SENIOR YEAR	Fall Semester	Spring Semester
	1. Logic/Philosophy/Ecumenism	
	2. Brit Lit & Composition OR AP English Lit/Comp	
	3. Math: See Mathematics Course Sequencing on page 23	
	4. Science: See Science Course Sequencing on page 28 (Not required-Highly Recommended)	
5. Personal Finance/Economic (.5 credit) <i>Required for ALL Students</i>	US Government (.5 Credit) OR	
	AP US Government- (1 Credit)	
	6.	
	7.	
	8.	

RELIGION

Introduction to Catholicism/Sacramental Theology - 07006

Grade: 9

Course Length: One Year

Credit: One (1)

Introduction to Catholicism (1st Semester)

Study of the key doctrinal, sacramental, and moral elements of the Catholic teaching authority of the Church. Particular attention will be paid to the Trinity, the person of Christ, the nature and authority of the Church, the Sacraments, prayer, liturgy, our Blessed Mother, Divine Revelation, the teachings of Jesus, and the communion of Saints. A solid understanding and love of the principles of the Catholic Faith will establish a foundation upon which the student can build a spiritual life and respond to the call to the fullness of Christian life and the perfection of charity.

Sacramental Theology (2nd Semester)

The course offers an opportunity to explore the rich tradition of sacramental theology and practice that is fundamental to Catholicism. It establishes within the students an understanding of the sacraments as privileged places to encounter Christ throughout life.

Moral Theology/Commandments/ Theology of the Body - 07001

Grade: 10

Course Length: One Year

Credit: One (1)

Theology of the Body (9 week seminar)

Explanation of the beauty and purpose of God's plan for human love as revealed through human body. Students will understand chastity as a way of life through which they become a gift of self to others.

Moral Theology (1st/2nd semester)

Study of principles and actions revealed by Jesus Christ and taught by the Catholic Church that will guide humans to a life of holiness and eternal salvation. Students will spend time developing a comprehensive moral decision-making process based on the principles of Catholic teaching. Students will then apply this knowledge and process to specific moral situations and cases.

Sacred Scripture/Church History - 07002

Grade: 11

Course Length: One Year

Credit: One (1)

Sacred Scripture (1st semester)

“In the Bible – as in no other book – we find the meaning of our own lives.”

-Bishop Charles J. Chaput

Through this course you will study salvation as it is revealed in Sacred Scripture through a succession of covenants between God and His people. You will investigate the various books of the Bible, highlight their importance within salvation history, recognize how all the events culminate in the life of Jesus, and demonstrate how they created a base for the Catholic Church.

The Church History (2nd semester)

This course equips the students with a general knowledge of the Church's history from apostolic times to the present. Through study of the Bible, Tradition, writings of Church Fathers, and decisions of early Church Councils, students explore the story of God's intervention into human history and how the Church has developed through the course of history.

Logic/Philosophy/Ecumenism-07015

Grade: 12

Course Length: One Year

Credit: One (1)

Intro to Logic (1st semester) This course will introduce basic history, fundamental concepts, language and practice of logic; equipping students in rudimentary logic.

Intro to Philosophy & Religion (2nd semester) This course builds from the previous semester of logic by considering philosophy and religion in greater breadth. It will incorporate Socratic Method, current issues, and age-old questions. The course aims to build an awareness of philosophy and world religions and to consider how non-Catholic systems of belief and practices relate to the Catholic faith. It engages the universal call to holiness and God's particular plan for each person by cultivating a life of prayer and authentic discipleship.

SERVICE PROGRAM

Service is required during each year of high school. In addition to the service described below, there will be an academic requirement which will include research, an end report, writing a paper, or a class presentation.

9th grade

Service Focus: Students will complete a 40 hours of community service, of which 10 hours must be outside of their personal community. Students should seek opportunities to serve larger Rapid City community (a list of ideas will be provided to the students).

10th grade

Service focus: The Sophomore Project revolves around developing one whole-class, large-scale service project that serves unmet need in a chosen community. Sophomore students also play a leadership role in the annual Packing Hope Project. Both projects involve the students in all aspects of project management: research and investigation, design and proposal, organization and implementation, fundraising and community outreach, and reflection and evaluation. In addition to the in-class work, ten hours of work outside of the classroom is required.

11th, 12th grade

Service focus: Develop a two year relationship with a service site (administration/instructor helps to identify solid service opportunities; students can develop their own under the supervision of the instructor). Each student meets with a site service coordinator and/or a mentor bi-monthly (4 times per year). Students donate an average of 2 hours per week to the site. This will total 40 unpaid hours per year. Students will develop a two-year relationship with a service site. This service project is relationship based (i.e., normally one-on-one).

ENGLISH LANGUAGE ARTS

Intro to Literature/Composition - 01001

Prerequisite: Passing Grade in MS Language Arts

Grade: 9

Course Length: One Year

Credit: One (1)

Students will read the major forms of writing, including the short story, the novel, poetry, drama, and learn the corresponding terminology. Students will practice writing the essay, using descriptive examples from experience and compare it to characters from fiction read in class. Revision and editing in multiple drafts, journalizing, and class discussion and one-on-one conferences will facilitate student growth. Writing guidelines incorporate on-going development of 6+1 Writing Traits paradigm. Assignments will include reading, homework, annotating, projects, book reports, speeches, essays, and a research paper. Class participation is required. All study units include reading, annotating, deciphering literary terms with text(s), writing, speaking, vocabulary, grammar review/application, and listening opportunities. *Summer reading is required.*

Advanced Intro to Literature/Composition - 01001

Prerequisite: Passing Grade in MS Language Arts

Grade: 9

Course Length: One Year

Credit: One (1)

This course introduces the major forms of literature and develops writing skills. It includes the Intro. to Literature and Composition elements outlined above, but will go more in depth with writing and include additional pieces of literature to prepare students for Advanced Placement courses. Writing guidelines incorporate on-going development of 6+1 Writing Traits paradigm. All study units include reading, annotating, writing, speaking, vocabulary, grammar review/application, deciphering literary terms within text(s), and listening opportunities. *Summer reading is required.*

Speech/World Literature – 01151/01058

Prerequisite: Passing Grade in Intro to Literature/Composition

Grade: 10

Course Length: One Year

Credit: One (1)

This course extends and develops the language arts skills introduced in Intro to Literature/Composition. This course's first semester emphasizes the study of literature and social history from the Ancients through the Medieval periods from around the world. The second semester emphasizes the Renaissance period through the Modern Age. It includes review of grammar and usage as well. Through this study, students interpret literature and identify

literary techniques. Novels, poetry, essays, short stories, editorials, and drama are the means for student discussion and growth. Writing guidelines incorporate on-going development of 6+1 Writing Traits paradigm. Vocabulary study, a cross-curricular research paper practicing the APA research style, and outside reading are also part of the course. Intertwined in their study of literature, students also learn the fundamentals of speech and develop confidence in oral communication. They present persuasive, informative, and extemporaneous speeches, and practice verbal and nonverbal techniques in formal and informal situations. All study units include reading, writing, speaking, vocabulary, grammar review/application, and listening opportunities. Students are encouraged to keep a journal. *Summer reading is required.*

Advanced Speech/World Literature - 01151/01058

Prerequisite: Passing Grade in Intro to Literature/Composition

Grade: 10

Course Length: One Year

Credit: One (1)

This course extends and develops the language arts skills introduced in Advanced Intro. to Literature/Composition. It includes the Speech/World Literature course curriculum but contains more depth and additional readings and writing to prepare students for advanced placement courses. It also places more emphasis on the art of rhetoric. Writing assignments incorporate on-going development of 6+1 Writing Traits paradigm. All study units include reading, writing, speaking, and listening opportunities; and students are encouraged to keep a journal. *Summer reading is required*

American Literature/Composition - 01054

Prerequisite: Passing Grade in World Literature/Speech

Grade: 11

Course Length: One Year

Credit: One (1)

This year-long course follows the literature and historical development of American literature from the colonial period to the twenty-first century. All genres are covered including short story, poetry, drama, novels, and essays of major authors representative of their time periods. Spelling/vocabulary and extensive grammar review will be utilized for development of writing skills including various types of essays: narrative, descriptive, expository, persuasive, comparison/contrast, and imitative literary analysis. Term paper will utilize MLA style. Writing guidelines incorporate on-going development of 6+1 Writing Traits paradigm. All study units include reading, annotating, deciphering literary terms within text(s), writing, speaking, and listening opportunities; students are encouraged to keep a journal. *Summer reading is required.*

AP English Language & Composition (Am. Lit) - 01005

Prerequisite: Passing Grade in World Literature/Speech

Grade: 11

Course Length: Two semesters

Credit: one (1)

This year-long course follows a recommended advanced-placement curriculum and surveys works of major American authors of representative time periods. It covers a broad range of materials associated with the reading analysis and writing expected in a college-level freshman composition course. Writing guidelines incorporate on-going development of 6+1 Writing Traits paradigm. Emphasis will be upon improving composition skills, annotating, deciphering literary terms within text(s), weekly outside writing assignments, quarterly projects as directed, writing style; in addition, daily class participation is mandatory. Through frequent timed-writing practices, one research paper, and several formal essays, students cultivate a mature use of effective writing and college-level voices. Writing guidelines incorporate on-going development of 6+1 Writing Traits paradigm. This course includes spelling/vocabulary building, language (sentences, paragraphs, and larger rhetorical structures such as style and persuasive techniques.) Throughout this course, students prepare for the AP Exam administered by the College Board in May. College credit may be earned and is dependent upon the AP test scores and the standards set by the Board of Regents of the particular college/university selected by the student. *Summer reading is required.*

British Literature - 01056

Prerequisite: Passing Grade in American Literature

Grade: 12

Course Length: One Year

Credit: One (1)

This course's first semester will include a study of life and literature from the Modern & Postmodern to Romantic Eras. Second semester focus will be from the Restoration period through Anglo-Saxon times. Vocabulary study, grammar, and usage are emphasized. Students prepare one research paper practicing the MLA research style and shorter assignments utilizing APA and CMS formats of citation. They will complete outside reading requirements and practice essays, creative writing, and performance assignments. Writing guidelines incorporate on-going development of 6+1 Writing Traits paradigm. All study units include reading, writing, grammar review/application, speaking, and listening opportunities; and students are encouraged to keep a journal. *Summer reading is required.*

AP English Literature & Composition – 01006

Prerequisite: Passing Grade in American Literature or AP Eng Language/Comp

Grade: 12

Course Length: One Year

Credit: One (1)

This year-long course follows a recommended advanced-placement curriculum and surveys works of major authors of representative time periods. Students will cover a broad range of materials associated with reading analysis and writing expected in a college-level freshman literature course. They utilize methods and language of literary criticism in composition and do close reading of novels, drama, and poetry by critically acclaimed authors. Students continue to study grammar, usage, and vocabulary, and complete a cross-curricular research paper using the MLA style; they will also review APA and CMS styles. All units include reading, writing, speaking, and listening opportunities; students are encouraged to keep a journal. Writing

guidelines incorporate on-going development of 6+1 Writing Traits paradigm. Throughout this course, students prepare for the AP Exam administered by the College Board in May. College credit may be earned and is dependent upon the AP test scores and the standards set by the Board of Regents of the particular college/university selected by the student. Summer reading is required.

ENGLISH LANGUAGE ARTS ELECTIVE COURSES

Any student may enroll in these courses for graduation credit, but they must be taken in ADDITION to the four required English credits above (see asterisked courses or AP substitutes).

Debate-- 01152

Prerequisite: None

Grade: 9

Course Length: One Year

Credit: One (1)

This course introduces students to numerous public speaking situations, and they learn the methods, aims, and styles of debate forums (Public Forum debate, Policy debate, Student Congress, Lincoln-Douglas debate, expository speaking, impromptu speaking, oratory). Debate also includes participation in individual events that are a part of oral interpretation (humor, poetry, prose, drama, and duet). This course offers students the opportunity to learn how to use oral skills effectively in formal and informal debate situations. Students learn rhetorical skills of logic and reasoning, organization of thought and supporting materials, and effective presentation of one's voice and body. Students are required to compete in local debate competitions during the debate season and are strongly encouraged to be part of the debate extra-curricular team.

SOCIAL STUDIES

World Geography - 04001

Prerequisite: None

Grade: 9

Course Length: One Year

Credit: One (1)

World Geography is a yearlong course designed to give students an understanding of both the Eastern and Western hemispheres with an emphasis on political, physical, and cultural geography. This includes special interest in current global events.

World History-Overview - 04051

Prerequisite: None

Grade: 10

Course Length: One Year

Credit: One (1)

Historical happenings from the Renaissance to modern times will be explored, with special emphasis given to facilitate understanding of the cause and effect of historical events. The relationship between historical events and modern day happenings/current events in the world will also be explored.

AP World History - 04057

Prerequisite: None

Grade: 10

Course Length: One Year

Credit: One (1)

The AP World History course is structured to use historical skills, chronological reasoning, comparison, contextualization, argumentation, interpretation, and synthesis, to study the six different chronological periods, from approximately 1200 C.E. to the present. Students will follow historical change and continuity within the six-time periods, paying attention to unifying course themes and associated learning objectives. The course finishes with the national AP World History examination in May, in which students may receive college credit at their preferred university if they score a three or better out of five.

United States History-Modern - 04103

Prerequisite: None

Grade: 11

Course Length: One Year

Credit: One (1)

US History is a yearlong survey course covering the age of exploration to present events in American History with emphasis on political and social history. There is a special emphasis on diversity in American History. A research paper linking American literature and history is required.

AP United States History - 04104

Prerequisite: Instructor Approval

Grade: 11

Course Length: One Year

Credit: One (1)

AP U.S. History is a year-long introductory college-level U.S. history course. Students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. Throughout this course, students prepare for the AP Exam administered by the College Board in May. College credit may be earned and is dependent upon the AP test scores and the standards set by the Board of Regents of the particular college/university selected by the student.

U.S. Government-Comprehensive - 04151

Prerequisite: None

Grade: 12

Course Length: One Semester

Credit: Half (0.5)

This course examines the foundations of American democracy established by the Constitution. The roots and fundamentals of the American political system will also be explored. Students will experience the vital role individual involvement and participation plays in maintaining American government.

AP United States Government and Politics - 04157

Prerequisite: Instructor Approval

Grade: 12

Course length: One Year

Credit: One (1)

AP U.S. Government and Politics is a year-long college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret

data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. Throughout this course, students prepare for the AP Exam administered by the College Board in May. College credit may be earned and is dependent upon the AP test scores and the standards set by the Board of Regents of the particular college/university selected by the student.

SOCIAL SCIENCE ELECTIVE COURSES

Any student may enroll in these courses for graduation credit, but they must be taken
IN ADDITION to the four required Social Science credits above
(See asterisked courses or AP substitutes).

Psychology - 04254

Prerequisite: None

Grade: 11, 12

Course Length: One semester

Credit: Half (0.5)—Elective

Psychology is the study of human behavior and the mental processes, by which humans observe, describe, explain and predict human behavior. Human development and its effect on learning, thinking, personality, and social relationships are examined. Advanced work emphasizes emotions, mental disorders and their treatment, personality theories, therapies and testing.

Economics/Personal Finance - 04201

Prerequisite: None

Grade: 12

Course Length: One Semester

Credit: Half (0.5)—Elective

Students learn how economies and markets operate and how the United States economy is interconnected with the global economy. Additionally they learn how to navigate the financial decisions they must face and to make informed decisions relating to career exploration, budgeting, banking, credit, insurance spending, financing post secondary education, taxes, saving and investing, buying/leasing a vehicle, and living independently. They also learn the importance of investing in themselves in order to gain the knowledge and skills valued in the marketplace. Development of financial literacy skills and an understanding of economic principles will provide the basis for responsible citizenship, more effective participation in the workforces, and career success.

Sociology - 04258

Prerequisite: None

Grade: 11, 12

Course Length: One Semester

Credit: Half (0.5)—Elective

Sociology is the study of group behavior with emphasis on how it affects the individual. It includes the activities, habits and beliefs of various groups of people and of the individuals within these groups. Methods for understanding individuals and their relationship to society, cultures, institutions and groups are examined.

AP Psychology- 04256

Prerequisite: None

Grade: 11, 12

Course length: One Year

Credit: One (1)

AP Psychology is a year-long introductory college-level psychology course which introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate idea. Throughout this course, students prepare for the AP Exam administered by the College Board in May. College credit may be earned and is dependent upon the AP test scores and the standards set by the Board of Regents of the particular college/university selected by the student.

MATHEMATICS

The STM Graduation Requirements for Mathematics include the courses of Algebra I, Geometry and Algebra II. Students are strongly encouraged to take four years of mathematics. Please note that the SD Opportunity Scholarship requires four years of mathematics.

Refer to the latest *RCCSS Mathematics Course Sequencing* document for suggested pathways through the mathematics curriculum.

Algebra I-02052

Prerequisite: none

Grade: 8, 9

Course Length: One Year

Credit: one (1)

Algebra I is a study of the structure of the real number system and the basic concepts: algebraic terminology, characteristics of numbers, variables, polynomials, factorization, linear equations, inequalities, problem solving, linear graphs, and quadratic equations. Calculators not allowed or needed.

Geometry-02072

Prerequisite: Algebra I

Grade: 9, 10

Course Length: One Year

Credit: one (1)

Geometry introduces students to aspects of coordinate geometry and three-dimensional perspective. Students study plane geometry, logic, and deductive reasoning. Areas of emphasis will be terminology, postulates, theorems, and formulas. Geometric concepts include points, planes, parallel and perpendicular lines, congruent triangles, circles, constructions, area and volume of solids. In addition, students will learn how to write two-column proofs and find dimensions of geometric figures using limited trigonometric relationships. Calculators not allowed first semester, instructor's permission required second semester.

Algebra II-02056

Prerequisite: Algebra I and Geometry or double enrollment in Geometry (*see policy)

Grade: 10, 11, 12

Course Length: One Year

Credit: one (1)

Algebra II reviews and looks at concepts mastered in Algebra I in more depth. Course content includes linear, quadratic, exponential and logarithmic functions, conic sections, and matrices. Basic calculator required with trigonometric and logarithmic functions. Graphing calculator encouraged for advanced students.

Trigonometry-02103

Prerequisite: Geometry and Algebra II

Recommended for students with an average of B or higher in Algebra II

Grade: 11, 12

Course Length: One semester

Credit: Half (0.5)

Trigonometry is devoted to the study of the six trigonometric ratios and their inverses. Topics include identities and formulas, oblique triangles, graphing functions, polar coordinates and complex numbers. Basic calculator with trigonometric and logarithmic functions required.

Pre-Calculus-02110

Prerequisite: Algebra II

Recommended for students with an average of B or higher in Algebra II

Grade: 11, 12

Course Length: One semester

Credit: Half (0.5)

Pre-Calculus reviews concepts presented in Algebra II, and also include limits, probability and introductory concepts of Calculus. Full function calculator required; graphing calculator is suggested.

AP Calculus-02124

Prerequisite: Pre-Calculus, Trigonometry,

Recommended for students with a B average or above in all high school math courses

Course Length: One Year

Credit: one (1)

AP Calculus is designed for students who have a thorough knowledge of college prep mathematics including Algebra I, Geometry, Algebra II, Trigonometry, and Pre-Calculus. This is an introductory study of differential and integral Calculus including applications in the physical, natural, and social sciences. Topic studies include functions and their graphs, limits and continuity, the derivative and applications, the integral and applications. Students are required to take the AP Calculus exam at the conclusion of the course, at their expense. Graphing utility calculator required.

AP Statistics-02203

Prerequisite: Algebra II

Recommended for students with an average of C or higher in Algebra II

Grade: 11, 12

Course Length: One Year

Credit: one (1)

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and

writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. Students will learn and practice the skills of selecting statistical methods, data analysis, using probability and simulation, and statistical argumentation—skills that will help them learn to think and act as statisticians. Students are required to take the AP Statistics exam at the conclusion of the course, at their expense. Graphing utility calculator required. AP Statistics may be taken concurrently with Pre-Calculus, Trigonometry, or AP Calculus.

***Mathematics Double Enrollment Policy:**

St. Thomas More offers AP Calculus to advanced mathematics students who have a passion for the subject and are interested in continuing the study of mathematics during their senior year. This is a college level course following the curriculum of the Advanced Placement program. In order to enroll in AP Calculus at STM, students must have completed four credits of high school mathematics (Algebra I, Geometry, Algebra II, Trigonometry & Pre-Calculus) prior to their senior year. Students would need to be enrolled in Algebra II as a sophomore in order to complete the course prerequisites for AP Calculus. If a student wishes to have double enrollment in Geometry and Algebra II during sophomore year to accomplish this end, recommendation from the department must be obtained. A student should have a minimum 3.75 GPA in Algebra I and an overall 3.25 GPA to consider double enrollment. A student meeting the GPA qualifications is not guaranteed a recommendation for double enrollment. A student interested in double enrollment needs to fill out an application. The Mathematics Department will determine the recommendation prior to the course registration date. Final recommendation will be determined upon the completion of Algebra.

STM MATHEMATICS COURSE SEQUENCING

The following course sequencing provides an opportunity for the students in grades 6-12 to enroll in a mathematics class in which they can be most successful.

- St. Thomas More High School **STRONGLY** encourages students to take a mathematics course **EVERY** year of high school. Most Colleges and Universities prefer four credits of mathematics.
- St. Thomas More High School requires three credits for graduation—Algebra I, Geometry, Algebra II.
- The South Dakota Opportunity Scholarship requires four eligible credits of high school mathematics. (STM’s Algebra I, Algebra II, Geometry, Pre-Calculus, Trigonometry, AP Statistics, and AP Calculus course are all eligible courses.)
- Contact a member of the mathematics faculty, school principal, or the school counselor with any questions.

	6 th Grade	7 th Grade	8 th Grade	Freshman	Sophomore	Junior	Senior
Standard	Math 6	Math 7	Pre-Algebra	Algebra I	Geometry	Algebra II	AP Statistics # @ PreCalc & Trig # @
	Math 6	Math 7	Pre-Algebra	Algebra I	Geometry <u>and*</u> Algebra II	PreCalc & Trig #	AP Calculus # @
	Math 6	Pre-Algebra	Algebra I (no HS credit earned)	Algebra I	Either of the two pathways shown above		
Advanced	Math 6	Pre-Algebra	Algebra I (HS credit earned)	Geometry	Algebra II	PreCalc & Trig # @	AP Calculus # @ AP Statistics # @
						AP Statistics # @	PreCalc & Trig #

* Special Permission from the department must be obtained to double enroll in Geometry and Algebra II during Sophomore Year

See *STM Course Description Book* for minimum grade recommendations for these courses

@ AP Statistics may be taken concurrently with Pre-Calculus and Trigonometry or AP Calculus.

last updated: 02/18/2021

SCIENCE

Biology I - 03051

Prerequisite: None

Grade: 9

Course Length: One Year

Credit: One (1)

This is a general biology course in which the two main themes in modern biology are studied. The first theme is a general familiarization with cell biology. This includes understandings of the roles of the various cell organelles, the cytoplasm, and the nucleus. Modern advances in cell biology and their ethical implications are considered. The second major theme is an overview of the major elements of ecology and man's impact upon the environment. Other elements touched upon in the course include taxonomy, nomenclature, evolution and basic chemistry of living.

Chemistry - 03101

Prerequisites: Algebra I

Grade: 10, 11

Course Length: One Year

Credit: One (1)

This is a year-long, project-based survey of general chemistry. Through scenarios and unit challenges, students will explore matter and energy, atomic structure and theory, the periodic table and properties, simple stoichiometry, aqueous solution chemistry, thermochemistry, bonding, states of matter, and acid/base chemistry. This course will use Active Chemistry®, a course developed in conjunction with the American Institute of Chemical Engineers.

Advanced Studies Chemistry - 03102

Prerequisites: Algebra I, Geometry* Algebra II, or Concurrently with Algebra II** or C Average in Chemistry (03101)

Grade: 10, 11

Course Length: One Year

Credit: One (1)

This is a year-long general chemistry course designed for students interested in STEM. Students will learn the principles of chemistry including matter and energy, atomic structure and theory, the periodic table and properties, stoichiometry, aqueous solution chemistry, thermochemistry, bonding, states of matter, acid/base chemistry, kinetics, and equilibrium. If time permits electrochemistry and organic chemistry will be explored. Regular laboratory experiments will reinforce the material covered in the course and also present basic laboratory techniques and practice. This course will require strong math skills.

*Students need a B average in Geometry.

**Students may take AS Chemistry concurrently with Algebra II, if they have earned a grade of B+ or above in Algebra I; these students' enrollment will be reviewed on a case-by-case basis.

*** AP Chemistry - 03106**

Prerequisite: Chemistry, Algebra I, Algebra II.

Completion of Pre-Calculus is Recommended*

Instructor Approval

Grade: 11, 12

Course Length: One Year

Credit: One (1)

This course presents an in-depth study of general chemistry and is equivalent to a first-year college chemistry course. It is designed for students who are interested in careers in medicine, science and engineering. It is recommended that students have a strong background in mathematics, especially Algebra. The topics covered in this course include atomic theory, stoichiometry, chemical reactions, and states of matter, thermo chemistry, atomic periodicity, solution chemistry, kinetics, equilibrium, acid/base chemistry, thermodynamics, electrochemistry, and nuclear chemistry. Laboratory time will reinforce the course material and AP laboratory content. For enrollment in the class, students must have completed Advanced Studies Chemistry with a minimum B⁺ average. Students enrolled in this class will take the AP Chemistry examination. *There will be a summer assignment for this course.*

*Students concurrently registered for Pre-Calculus should have earned a B average in Algebra II. Recommendations from current math and science teachers are also required.

Environmental Science-03003

Prerequisite: Biology and Chemistry/Advanced Studies Chemistry

Grade: 11, 12

Course Length: One Year

Credit: One (1)

Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subject: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. Each quarter will study a different ecosystem, such as marine, fresh water, prairie and desert.

Biology II-Anatomy and Physiology - 03053

Prerequisite: Biology

Grade: 10, 11, 12

Course Length: One Year

Credit: One (1)

This course presents the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells & tissues, and explore functional systems (skeletal, muscular, circulatory, nervous, etc.). This course involves the use of lectures, group work, and projects to

help with the memorization of body structures as well as fundamental understandings of body processes. Students are able to give presentations on research of body systems and new medical advancements, design labs to test concepts, use microscopes to view tissues and structures from the body, and dissect a major mammal as a model for understanding the human body. This course is excellent preparation for those considering the health and medical professions.

Physics-03151

Prerequisite: Algebra I, Algebra II, Geometry

Grade: 11, 12

Course Length: One Year

Credit: One (1)

This year-long course presents an introduction to the principles and problems of physics. Students will study and investigate in the laboratory physical phenomena including motion and forces, momentum and conservation laws, energy, work, thermal energy, states of matter, sound and light waves, mirrors and lenses, electricity, magnetism, electromagnetism, and nuclear physics. This course requires strong math skills. This class will include oral work, written work, group projects, outside assignments, laboratory experiences and tests.

*Students concurrently registered for Algebra II should have earned a B average in Geometry.

AP Physics 1 - 03165

Prerequisite: Algebra I, Algebra II, Trigonometry and Pre-Calculus*

Grade: 11, 12

Course Length: One Year

Credit: One (1)

AP Physics 1 is a year-long algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. Students enrolling in this course should have a strong math background and either completed or concurrently taking trigonometry and pre-calc. Successful completion of this course will help prepare students for a career path in biological or physical sciences. Students achieving a high score on the College Board AP Exam given in the Spring of 2021 may qualify for college credit at certain universities.

Projected STM HS Science Sequence (Typical)

	Freshmen	Sophomore	Junior	Senior
Path #1 Standard/ Non- STEM	Biology	Chemistry	Physics ^o	Physics ^o
		Anatomy and Physiology*	Environmental Science*	Anatomy and Physiology*
		Environmental Science*	Anatomy and Physiology*	
Math	Algebra I	Geometry	Algebra II	Statistics*
Path #2 Double- up Math (STEM)	Biology	Chemistry	Physics ^o	AP [®] Physics* or Physics ^o
		Anatomy and Physiology*	AS Chemistry*	Environmental Science*
		Environmental Science*	Environmental Science*	Anatomy and Physiology*
			Anatomy and Physiology*	
Math	Algebra I	Geometry & Algebra II	Pre-Cal & Trig	AP [®] Calculus*
				Statistics*
Path #3 Advanced (STEM)	Biology	AS Chemistry	AP [®] Physics ^o or Physics ^o	AP [®] Physics ^o or Physics ^o
		Environmental Science*	Environmental Science*	Environmental Science*
		Anatomy and Physiology*	Anatomy and Physiology*	Anatomy and Physiology*
Math	Geometry	Algebra II	Pre-Cal & Trig	AP [®] Calculus*
			Statistics*	Statistics*
Key	Science Mandatory		Math Mandatory	
	Science Optional*		Math Optional*	
	May Be Taken Either Junior or Senior Year ^o			

WORLD LANGUAGE

French I - 24102

Prerequisite: None

Grade: 9

Course Length: One Year

Credit: One (1)

Through exposure to comprehensible input, students will develop skills in listening, speaking, reading and writing French; however the initial focus will be on receptive language. They will use these skills to communicate in French, to gain knowledge and understanding of French and other Francophone cultures, to make connections with other disciplines, to compare their own language and culture with French language and cultures, and to become part of a multilingual community. In addition to short readings and simple novels, students will learn through exposure to various authentic documents such as movies, music videos, children's books and magazines.

French II - 24103

Prerequisite: none

Grade: 10

Course Length: One Year

Credit: One (1)

Students will continue to improve on the skills begun in French I, through a continuation of comprehensible input. They will develop a more advanced level in each of the five areas listed above. Reading and listening materials will be more advanced and students should be more able to express themselves in speaking and writing in French.

Honors French III - 24104

Prerequisite: Grade of C or Higher in French II

Grade: 11

Course Length: One Year

Credit: One (1)

Students will continue to improve on the skills begun in French I and II. They will develop a more advanced level in each of the five areas listed above. More authentic materials from French-speaking countries will be used. Students will read novels with more complex grammar concepts. Many selective colleges recommend three years of the same language for admission and some, such as Stanford, require three.

Honors French IV-24105

Prerequisite: Grade of C or Higher in French III

Grade: 12

Course Length: One Year

Credit: One (1)

Students will continue to improve on the skills begun in French I, II and III. They will develop a more advanced level in each of the five areas listed above. Reading and listening materials will include more authentic French materials. Students will begin to study original works by French and Francophone authors. Several movies will be included throughout the year. Completing French IV should prepare students to do well in language study at the college level and will also prepare them to function in a French-speaking culture.

Spanish I - 24052

Prerequisite: None

Grade: 9

Course Length: One Year

Credit: One (1)

In this course, our goal will be to acquire Spanish language. “Acquiring” a language is very different from “learning” a language. Acquiring is something that happens to you instead of something that you make happen. When you learned how to speak your first language, you acquired it naturally by listening to other people speak it around you for a long time; not by studying it. Therefore, almost all of our class time will be spent using Spanish--not using English to talk about Spanish--and the focus will be on listening, reading, speaking and writing. Those skills will come naturally as you take in more and more Spanish by listening and reading, and they will progress during the Spanish program. Students will be assessed with listening, reading, writing, and speaking quizzes. 2 novels will be read a year as well. Grammar will be taught alongside this method, after the student has been quite familiar with the usage in practice. The class will be conducted in Spanish 90-95% of the time. Students will be expected to be at the novice high level by the end of the year.

Spanish II - 24053

Prerequisite: None

Grade: 10

Course Length: One Year

Credit: One (1)

Students will expand their knowledge and communication skills by using more complex structures in writing, speaking, reading, and culture. This Spanish course is a Comprehensible Input Spanish course, and we will use methods and strategies that are based on Dr. Stephen Krashen’s Input Hypothesis. In particular, we will use the TPRS (Teaching Proficiency through Reading and Storytelling) method of language instruction that was developed by Blaine Ray and

based on the work of Dr. James Asher. We will focus our class time on the acquisition of high frequency structures (the most frequently used words in a language); between three and six new target structures each week, and more as we progress. Students will use authentic resources using video clips, songs, and much cultural material. The class will be in Spanish 90-95% of the time. Grades will be proficiency based on listening, reading, writing, and speaking. Students will also read two novels a year in Spanish. Students will be expected to be at the intermediate low proficiency level. "Picking up word meanings by reading is 10 times faster than intensive vocabulary instruction"-Dr. Stephen Krashen

Honors Spanish III - 24054

Prerequisite: Grade of C+ or Higher in Spanish II

Grade: 11

Course Length: One Year

Credit: One (1)

Students will develop better communication skills in both written and spoken curriculum. Spanish will be spoken during class time. Students will continue to read Spanish novels at higher levels. Students will expand their vocabulary and knowledge of Spanish Culture. In addition, students will increase their proficiency in listening, reading, writing, and speaking and the proficiency level will be intermediate low to high. Song and authentic materials will be used, as well as a method called movie talk for vocabulary development. Spanish will be used 95% of the time. Students at this level will be prepared to travel and use the language in normal conversations. The material is compelling, relevant, and fun. Students will continue to read two novels a year.

Honors Spanish IV- 24055

Prerequisite: Grade of C+ or Higher in Spanish III

Grade: 12

Course Length: One Year

Credit: One (1)

Students will continue to improve on the skills begun in Spanish I, II and III. This course is an upper level course that requires students to communicate in Spanish only. Students will work in mastering their writing, speaking, conversational, and cultural skills. Students will focus on Spanish novels for level 4. Completing Spanish IV should prepare students to do well in language study at the college level and will also prepare them to function in a Spanish-speaking culture. Students will be expected to be at the intermediate high proficiency level to advanced low by the end of the year.

CAREER AND TECHNICAL EDUCATION

Introduction to Information Technology-10003

Prerequisite: None

Grade: 9, 10, 11, 12

Course Length: One Year

Credit: One (1)

The Computer Science Program is a course designed to teach students basic facts, principles, concepts and terminology to better integrate students into today's highly technological society. Students will be encouraged to develop critical thinking skills, problem solving, and analysis and organization of data. Students will be introduced to Microsoft Office, Google and integrate other programs in the Microsoft Office software suite using practical application of the various programs in Microsoft Office as well as learn alternative office software. Students will be introduced to the basic principles in the history of computers and their affects on society now and into the future. This course will discuss the hazards associated with using the Internet, including various social media platforms, and other electronic communications. The course will also discuss different types of viruses, online scams, and computer hacking as a means to foster an awareness and understanding of the negative aspects of technology in today's global world. Students will also be introduced to computer hardware, discuss the internal components and how they work. In addition, students will be introduced to computer programming and programmable logic to ensure students are prepared to complete a global technology market.

AP Computer Science Principles-10019

Prerequisite: Previous computer programming or coding experience

Grade: 10, 11, 12

Course Length: One Year

Credit: One (1)

AP Computer Science Principles is designed to be the equivalent of a one-semester introductory college or university Science course. Code.org's Computer Science Principles (CSP) curriculum is a full-year, rigorous, entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. Students will explore how computers store complex information and debate the impacts of digitizing information; learn about how the Internet works and discuss its impacts on politics, culture, and the economy; build apps that use large amounts of information and pull in data from the web to create a wider variety of apps; design and analyze algorithms to understand how they work; practice and complete the Create Performance Tasks; explore and visualize datasets from a wide variety of topics as you hunt for patterns; and research and debate current events at the intersection of data, public policy, law, ethics, and societal impact.

Personal Finance/Economics-04201

Prerequisite: Senior Level

Grade: 12

Course Length: One Semester

Credit: Half (.5)

Students will learn sound money management skills and the financial planning process. Emphasis will be placed on developing the positive behaviors that are necessary to attain financial maturity and achieve a secure future. In addition, fundamental economic concepts will be explored.

PHYSICAL EDUCATION

Physical Education-08001/Health-08051

Prerequisite: None

Grade: 9, 10, 11, 12

Course Length: Two Semesters

Credit: One (1)

St. Thomas More's physical education program is based upon the knowledge and skills that are the foundation for engaging in physical activity. Our goal is to empower all students to compete at their skill level in a supportive, nonthreatening, safe and rewarding atmosphere which the students will be able to take what is being taught and apply it to life lessons. The measurable results are based upon sportsmanship, respect, and competition. Ultimately students will be provided with the foundation for making informed decisions that will empower them to achieve and maintain a healthy lifestyle.

Sports Medicine-14062

Prerequisite: Junior or Senior Level

Grade: 11, 12

Course Length: One Year

Credit: One (1)—Elective

This Introduction to Sports Medicine Class is designed for students interested in fields such as athletic training, physical therapy, medicine, fitness, exercise physiology, kinesiology, nutrition and other sports medicine related fields. This class includes both classroom work as well as hands-on application, in order to provide students with an avenue to explore these fields. This course will provide an overview of the measures for the prevention, management, and rehabilitation of athletic related injuries. Students will study basic anatomy as it applies to athletic injuries, protective equipment, taping and bracing to protect the injured area and different theories of evaluation and treatment techniques as they apply to athletic injuries. Problems such as nutrition, physical examination, wound care, environmental conditions, therapeutic modalities.

FINE ARTS

Art Appreciation-05151

Prerequisite: None

Grade: 9, 10, 11, 12

Course Length: One Year

Credit: One (1)

This is an elective survey course covering drawing, painting, design, color, graphics, printmaking, three dimensional construction, and arts and crafts. Aesthetics, criticism, art movements and artists will be studied.

Creative Art Comprehensive-05154

Prerequisite: Art I and Art Instructors Approval

Grade: 10, 11, 12

Course Length: One Year

Credit: One (1)

This course is designed to give serious art students further opportunity to express themselves in the studio arts. Students will be presented with a variety of ideas, methods and projects that develop and enhance thinking processes integral to visual problems solving. Visual problems are designed to challenge and engage students in higher-level thinking and to foster creativity. Lessons encourage independent decision making and risk taking with very diverse solutions.

Art Portfolio-05170

Prerequisite: Junior or Senior Level, Creative Art Comprehensive, and Art Instructors Approval

Grade: 11, 12

Course Length: One Year

Credit: One (1)

This is an independent art study course for serious art students. First semester will include traditional drawings done with various mediums. Also, watercolor, acrylic and oil paintings will be part of the curriculum. Expect to spend long periods of time on projects. Additional art supplies will be purchased by you such as oil paints etc. Second semester will include three dimensional sculptures. You will have options that include creating a full body sculpture, a clay bust, totem pole, wire sculpture or found object sculpture. The teacher will design a curriculum along with you that fits your interests and style of art. Other requirements for this class include uploading your own art work onto the Artsonia website and an individual art show at the end of the school year. Attending several artists' openings at area galleries will also be part of your experience with this class. The objective of this class is increase students' skill levels and to help students to connect artistic techniques with personal expression.

Band-General-05101

Prerequisite: One Year of Instrumental Music

Grade: 9, 10, 11, 12

Course Length: One Year

Credit: One (1)

This course is designed as a continuance of a student's musical education from the elementary and middle school levels. Rehearsal techniques and performance skills will be expanded. All members will participate in concert and pep bands and must attend scheduled performances including concerts and all other arranged performing opportunities. Opportunities for solos and ensembles playing, festivals and All-State Band are also available. Students will be instructed in music history and music appreciations.

Jazz Band-05125

Prerequisite: Instructor Approval

Grade: 9, 10, 11, 12

Course Length: One Year

Credit: Half (0.5)

This course consists of performing the various styles of jazz music, including improvisation, in a small group. Emphasis is also placed on recognizing and learning about various jazz styles. This course is designed to provide opportunities for students to devote more time to music. Extra performing and festivals are available. All members must attend scheduled performances and concerts.

Chorus-Mixed-05110

Prerequisite: None

Course Length: One Year

Grade: 9, 10, 11, 12

Credit: One (1)

Vocal Music is open to students interested in learning the fundamentals of music through participation in the vocal ensemble choir. Elements of music theory, notation, expression, sight singing, terminology and history are included in this class. Choir members are taught the elements of good vocal technique/production and apply them in performances throughout the year. A variety of choral styles are offered to the students – from Chant to Classical to Contemporary, including Jazz, Pop and Broadway. All students in High School Choir must attend scheduled performances including concerts, contests and festivals, as well as other performance opportunities which come up during the year.

Explorations in Drama-05054

Prerequisite: None

Grade: 9, 10, 11, 12

Course Length: One Year

Credit: One (1)

This is an introductory course emphasizing the use of creative dramatics as a teaching tool—characterization, improvisation, pantomime, and storytelling. An outline of theatre history will be emphasized, giving students a firm foundation in the origin of drama. A number of plays will be read/performed/studied throughout the school year from Greek drama to Shakespeare's greats to the modern hits. Students will also be introduced to the basics of technical theatre, including makeup, lighting, set design, and the many backstage roles in a performance. Students will also have the opportunity to write their own skits and one-act plays. Participation in the fall and spring plays, be it acting, lighting, sound, makeup, set building, etc. is required of all drama students.

Orchestra-General-05104

Prerequisite: One Year of Orchestra

Grade: 9, 10, 11, 12

Course Length: One Year

Credit: One (1)

This course is designed as a continuance of a student's musical education from the elementary and middle school levels. Rehearsal techniques and performance skills will be expanded. All members must attend scheduled performances including concerts and all other arranged performing opportunities. Opportunities for solos and ensembles playing, festivals and All-State Orchestra are also available.