

Kolbe Academy Home School

INTRODUCTION TO SACRED SCRIPTURE HIGH SCHOOL THEOLOGY

*Introduction to the Bible, Fr. Laux
The Catechism of the Catholic Church*

"The LORD thy God will raise up to thee a Prophet of thy nation and thy brethren like unto me: Him shalt thou hear." Deut 18:15

TABLE OF CONTENTS

SYLLABUS	1
COURSE DESCRIPTION:.....	1
COURSE TEXTS:.....	1
COURSE OBJECTIVES:.....	1
SCOPE AND SEQUENCE:	2
COURSE PLAN METHODOLOGY:	5
SEMESTER REPORTING REQUIREMENTS:.....	6
COURSE PLAN	8
FIRST SEMESTER.....	8
SECOND SEMESTER.....	26
PAPER TOPIC ANSWER KEY	46
FIRST SEMESTER.....	46
SECOND SEMESTER.....	52
EXAMS	57
EXAM ANSWER KEYS.....	68

Resale & Copying Policy: This course plan and all accompanying materials are not intended for resale or copying. Copying represents copyright infringement, which is illegal. Regarding reselling the materials, Kolbe Academy relies upon the continued purchase of our course plans for financial stability. As a Catholic Apostolate, we ask you to refrain from reselling Kolbe's course plans. While we cannot stop you from copying or reselling this course plan, we do strongly implore you not to do so.






COURSE TITLE: Introduction to Sacred Scripture

COURSE DESCRIPTION:

This course is designed to familiarize the student with the revealed word of God. It explains how we come to know Christ, the Word of God, better through both the Old and New Testaments. The course introduces the student to methods of reading and understanding God's Word and teaches the student the content and significance of the Old and New Testaments. The Bible History course offered in 7th & 8th Grade is a helpful pre-requisite to this course.

Please see course plan methodology if student is seeking the Kolbe Academy Core or Honors designation for this course.

COURSE TEXTS:

- BIBLE**  *The Holy Bible*. Revised Standard Version: Second Edition. San Francisco: Ignatius Press, 2006. Preferred
- CCC**  Liberia Editrice Vaticana and United States Catholic Conference. *Catechism of the Catholic Church*. New York: Doubleday, 1997.
- LAUX**  Laux, Fr. John, M.A. *Introduction to the Bible*. Rockford: Tan Books and Publishing, Inc, 1990.
- Study Guide**  Kolbe Academy Home School. *Introduction to the Bible Study Guide*. Napa: Kolbe Academy, 2005.
- Humani SG**  Kolbe Academy Home School. *Humani Generis Study Guide*. Napa: Kolbe Academy, 2000.

Church documents:

- ❖ *Providentissimus Deus* (Leo XIII)
- ❖ *Praestantia Scripturae- Motu Proprio* (St. Pius X)
- ❖ *Spiritus Paraclitus- On St. Jerome* (Benedict XV)
- ❖ *On the Historicity of the Gospels*, (from the CDF Pontifical Biblical Commission, 1964)
- ❖ *Divino Afflante Spiritu* (Pius XII)
- ❖ *Humani Generis* (Pius XII)
- ❖ *Dei Verbum* (Vatican II)

These documents can be read in the online library at www.ewtn.com.

Go to Library → Document Library → Keyword and enter the title of the document.

COURSE OBJECTIVES:

This course will enable the student to:

- ❖ Understand and embrace the Church's teaching on Divine Revelation, in both Sacred Scripture and Sacred Tradition
- ❖ Understand the role of the Magisterium in preserving, defending, interpreting, and explaining the Word of God
- ❖ Become familiar with the Messianic prophecies and their fulfillment in Christ, and recognize the Church, in her four marks, prefigured in Israel

- ❖ Know how to read God's Word with understanding and begin to read it prayerfully and profitably
- ❖ Understand the historical and eternal significance of the Incarnation, public ministry, Crucifixion, and Resurrection of our Lord Jesus Christ
- ❖ Trace the development of the Church from its founding by our Lord to the death of the last Apostle and the closing of public revelation, and to understand our Lord's provisions for the continuity of His Holy Church from then to now
- ❖ Find and explain the New Testament passages that teach the Real Presence of our Lord in the Blessed Sacrament, as well as the passages referring to the other six sacraments

SCOPE AND SEQUENCE:

The entire course expands upon and is guided by the *Catechism of The Catholic Church*.

A	DIVINE REVELATION IN GENERAL	CCC
1	The Divine Plan	50 - 53
2	Christ Jesus, Mediator and Fullness of all Revelation	65 - 67
3	The Apostolic Tradition, Sacred Tradition, and Sacred Scripture	74 - 83
4	The Magisterium as Interpreter of Divine Revelation	84 - 95
5	The Inspiration and Truth of Sacred Scripture	101 - 108
6	Reading the Scripture as God's Word	109 - 114
7	The Senses of Scripture	115 - 119
8	The Canon of Scripture	120
9	The New Testament and its Unity with the Old	124 - 130
10	Sacred Scripture in the Life of the Church	131 - 133
B	THE OLD TESTAMENT	121 - 123
1	Genesis 1: Creation	279 - 301 337 - 354
2	Adam and Eve and Original Sin	355 - 373
	a. Man created in the image of God	374 - 412
	b. The Fall and Original Sin	413 - 421
	c. Revelation at the beginning of human history	54 - 55
3	The covenant with Noah	56 - 58
4	God chooses Abraham	59 - 61 2570 - 2572
5	a. God forms His people Israel	62 - 64
	b. Prefiguring the Church	759 - 762
6	The Exodus and the revealing of God's Name and His Law	203 - 204 1961 - 1964
	a. The Ten Commandments	2056 - 2074
	b. Typologies: The Holy Eucharist in the manna; The Crucifixion and sacred images in the serpent on the pole; The authority of the Church in that of Moses; Elements of the Creed revealed and foreshadowed	1334
7	Joshua and the Judges; The conquests: Typology of the struggle against sin; Samson; Jephthah and the consequences of partial fidelity	

- 8 Great men of the Old Testament: Samuel, Saul, and David; Their infidelity and fidelity
- 9 The Temple of Solomon: prefigures Christ; The Exile and its allegorical function
- 10 The Prophets. Special focus upon messianic prophecies and the necessity for radical trust in God in all circumstances; Additional elements of the creed revealed and foreshadowed, here and in the Psalms and Wisdom literature
- 11 The Psalms and the Wisdom literature; Messianic prophecies; The value of these books in a strong prayer life
- 12 I and II Maccabees and the intertestamental period; the rise of the Roman Empire as a preparation for the Gospel; Martyrdom for the truth

C	NEW TESTAMENT	124 - 127
1	The Incarnation; Christology	456 - 483
2	The Annunciation, Visitation, Nativity, Presentation, and Finding of the Child Jesus in the Temple; Their historical character and spiritual significance; The Blessed Virgin Mary as His Mother and ours	484 - 534
3	The public ministry of Our Lord: His teachings and actions; The Church's understanding of His sayings and parables, especially ones most important for Christian discipleship today and ones difficult to understand; The kind of life He calls us to live	535 - 570
4	The public ministry of Our Lord: His miracles, their historicity and purposes	
5	The Seven Sacraments: their establishment by Our Lord	
	a. Baptism	1223 - 1228
	b. Confirmation	1286 - 1289
	c. The Holy Eucharist	1337 - 1344
	d. Penance	1441 - 1442
	e. Anointing of the Sick	1506 - 1510
	f. Holy Orders	1544 - 1553
	g. Marriage	1612 - 1617
6	The Passion and Crucifixion; The Atoning Sacrifice	571 - 637
7	The Resurrection	638 - 658
8	The Ascension	659 - 667
9	The Acts of the Apostles: the Church, as Christ's Body continues His work; The primacy of St. Peter; The mission of St. Paul; The admission of the Gentiles, and the Church's universal mission	552 - 553 765, 816 862
10	The Epistles of St. Paul: Standards set for all time; Recurring problems; Recurring blessings	
11	The Catholic Epistles; Gnosticism; The revolt against lawful authority; The character of the first century Church	
12	The Revelation to St. John. Can it be understood? Avoiding hysteria and rationalism; The four last things	

RESOURCES:

- 📖 Two primary tools for Scriptural study are Biblical commentaries and concordances.
1. **COMMENTARIES** are written by various authors on the Scriptures. Biblical commentaries are generally *not* Catholic doctrines; and Biblical commentators are not to be considered infallible guides to reading the Scriptures. Use the commentators as guides, but always measure their commentary against the express belief and teachings of the Church. The Fathers of the Church wrote many wonderful commentaries on every book of the Bible, they good sources to use for biblical commentary.
 2. **CONCORDANCES** are helpful tools in Scriptural studies. A concordance lists words and phrases from the Bible, and indicates where that particular word or phrase occurs in the Bible. Concordances have been created for most translations of the Bible. You can use an online concordance for the New American Bible (the version read at Mass in the United States), available at www.vatican.va.

The student should have recourse to orthodox Catholic sources such as:

- www.vatican.va and www.ewtn.com libraries. (**Note the addresses carefully!**)
- The Navarre Bible Commentaries. Publishing info and Dates vary. (See Scepter Publishers)
- Scott Hahn books - Orthodox and easy to read
 - *A Father Who Keeps His Promises*. Ann Arbor: Servant Publications, 1998.
 - *The Lord's Supper: the Mass as Heaven on Earth*. New York: Double Day, 1999.
 - *Scripture Matters: Essays on Reading the Bible from the Heart of the Church*. Steubenville, Ohio: Emmaus Road, 2003.
 - *Understanding "Our Father": Biblical Reflections on the Lord's Prayer*. Steubenville, Ohio: Emmaus Road, 2002.
- *The Catholic Encyclopedia*. Ed. C. G. Herbermann, et al. New York: Robert Appleton Company, 1911. (and to a limited extent *The New Catholic Encyclopedia*. Washington D.C.: Catholic University of America, 1967 - 1995.)
- Butler, Fr. Alban, *Lives of the Saints*. Rockford, Ill.: Tan Books and Publishing, 1995.
- Orchard, Bernard, *A Catholic Commentary on Holy Scripture*. Catholic University of America: Edinburgh: Catholic University of America, 1954. (but not *The Jerome Biblical Commentary*)
 - To find solutions to problems such as "the brothers of Jesus"
 - The conflict between the genealogies of St. Matthew and St. Luke, etc.
- Dupuis, Jacques and Neuner, J., *The Christian Faith in the Doctrinal Documents of the Catholic Church*. New Revised Edition. Eds. New York: Alba House, 1983.
- Hardon, Fr. John A. *The Catholic Catechism*. New York: Doubleday, 1981.
- Hardon, Fr. John A. *The Question and Answer Catholic Catechism*. New York: Double Day, 1981.
 - *Old Testament* Questions 59-91, 92-193, 492-837, 902-946, and 1117-1118
 - *New Testament* Questions 194-329, 638-875, 947-1019, 1062-1103, and 1534-1553
- Duggan, G.H., *Beyond Reasonable Doubt: Essays in Catholic Apologetics*. Boston: Pauline Books and Media, 1987.
 - Chapters IV-VI for the apologetic section, as well as for study of the claims of our Lord and His Resurrection
 - Chapters VII and VIII for the establishment of the Church and the papal primacy

COURSE PLAN METHODOLOGY:

- 📖 We recommend starting each week by reading over the course plan for the week, next reading Fr. Laux and CCC readings, next any additional readings, and finishing up with the Bible readings after having the direction and introduction to those readings from the other sources.
- 📖 Students should know those points listed in the ➔ **Key Points** section. Discuss these points with your student to make sure he has a firm grasp of each.
- 📖 The reading is devotional as well as academic. As the main point of this course is to introduce the student to the Old and New Testament it would be beneficial to read from the Bible as much as possible.
- 📖 It is a good practice to give weekly quizzes based on midterm and semester exam questions that pertain to information studied that week. In that way, the information being studied will be reflected upon and reinforced immediately, better preparing the student for the exams. This quiz could be given using 4 – 6 questions from the study guide questions assigned that week.
- 📖 Midterm and semester exams are closed book exams, designed to be taken within a two-hour period. Parents are welcome to give the student detailed study guidelines (based on the test) during the review week, but it is not recommended that a student be allowed to see the test or exact questions and/or answers in advance.
- 📖 Note-taking skills, organizational abilities, and oral and written recapitulation should be developed throughout the course.
- 📖 Please refer to page 6 of the syllabus for a description of requirements for Kolbe Core (K) and Honors (H) coursework.

DIPLOMA REQUIREMENTS:

Summa Cum Laude students must complete the entire Kolbe Academy proposed curriculum as written. **Summa** students must fulfill the requirements for the Kolbe Core (K) or Kolbe Honors (H) course as outlined in this Theology course plan. In 9th grade, **Summa** students must pursue the (H) designation in at least one of the following courses: Theology, Literature, or History. In 10th grade, **Summa** students must pursue the (H) designation in at least two of the following courses: Theology, English, Literature, or History. In 11th grade, **Summa** students must pursue the (H) designation in at least three of the following courses: Theology, English, Literature, or History. In 12th grade, **Summa** students must pursue the (H) designation in all of the following courses: Theology, English, Literature, and History. **Magna Cum Laude** and **Standard** diploma candidates may choose to pursue the (H) or (K) designation, but are not required to do so. If the student is not pursuing either of these designations, the parent has the option of altering the course plan as desired. **Magna Cum Laude** students must include 4 years of Theology in high school. **Standard** diploma students must include 3 years of Theology in high school.

KOLBE CORE (K) AND HONORS (H) COURSES:

- ❖ Students pursuing the **Kolbe Core (K)** designation must do all of the readings **except** those listed as HONORS. **Kolbe Core students need to complete 4 of the 14 weekly papers each semester;** they should have discussions or write informal essays in response to the rest of the weekly paper topics as these are major themes and will appear in some way on the final exam.
- ❖ Students pursuing the **Kolbe Honors (H)** designation must do all of the readings. The readings listed as HONORS are done in addition to the rest of the assignments, not in lieu of them. **Honors students need to complete 8 of the 14 weekly papers each semester;** they should have discussions or write informal essays in response to the rest of the weekly paper topics as these are major themes and will appear in some way on the final exam.
- ❖ For students who are not seeking either the Kolbe Core (K) or Honors (H) designation for this course, parents may alter the course as they so desire.

SEMESTER REPORTING REQUIREMENTS:

Designation*	No Designation	K	H
Course Title	Intro to Sacred Scripture	Intro to Sacred Scripture	Intro to Sacred Scripture
Semester 1	Any TWO samples of written and graded work from Semester 1.	1. <i>Complete</i> Midterm 1 Exam 2. <i>Complete</i> Semester 1 Exam	1. <i>Complete</i> Midterm 1 Exam 2. <i>Complete</i> Semester 1 Exam 3. EIGHT Paper Topic Essays
Semester 2	Any TWO samples of written and graded work from Semester 2.	1. <i>Complete</i> Midterm 2 Exam 2. <i>Complete</i> Semester 2 Exam	1. <i>Complete</i> Midterm 2 Exam 2. <i>Complete</i> Semester 2 Exam 3. EIGHT Paper Topic Essays

*Designation refers to designation type on transcript. K designates a Kolbe Academy Core course. H designates a Kolbe Academy Honors course.

The Kolbe academic advisor will verify that the required work was completed successfully and award the Kolbe Core (K) or Honors (H) designation. The Kolbe academic advisor has the final decision in

awarding the designation for the course. **If no designation on the transcript is desired, parents may alter the lesson plan in any way they choose, and any two written samples of work is acceptable to receive credit for the course each semester.** If you have any questions regarding what is required for the (K) or (H) designations or diploma type status, please contact the academic advisory department at 707-255-6499 ext. 5 or by email at advisors@kolbe.org.

Kolbe Academy Home School

MASS AND THE SACRAMENTS AND CHURCH HISTORY 1 HIGH SCHOOL THEOLOGY

Mass and the Sacraments, Fr. Laux
Early Christian Writings, The Apostolic Fathers.
The History of the Church, Eusebius.
The Catechism of the Catholic Church

TABLE OF CONTENTS

SYLLABUS	1
COURSE DESCRIPTION:.....	1
COURSE TEXTS:	1
COURSE OBJECTIVES:	2
SCOPE AND SEQUENCE:	2
COURSE PLAN METHODOLOGY:.....	4
DIPLOMA REQUIREMENTS:	5
KOLBE CORE (K) AND HONORS (H) COURSES:	5
REQUIRED SAMPLE WORK:	5
COURSE PLAN	6
FIRST SEMESTER.....	6
SECOND SEMESTER.....	33
PAPER TOPIC ANSWER KEY	54
FIRST SEMESTER.....	54
SECOND SEMESTER.....	59
EXAMS	65
EXAM ANSWER KEYS.....	73

Resale & Copying Policy: This course plan and all accompanying materials are not intended for resale or copying. Copying represents copyright infringement, which is illegal. Regarding reselling the materials, Kolbe Academy relies upon the continued purchase of our course plans for financial stability. As a Catholic Apostolate, we ask you to refrain from reselling Kolbe's course plans. While we cannot stop you from copying or reselling this course plan, we do strongly implore you not to do so.

COURSE TITLE: Mass and the Sacraments and Church History 1

COURSE DESCRIPTION:

Grade Ten Theology is a two-part course. The first semester of the course covers Mass, the Sacraments, and Prayer, and the second semester covers Church History 1. The semesters may be taught in any order.

The first semester of the course will teach the student the origin of the seven Sacraments, the development in the Church's understanding of them, and their place as the ordinary means of salvation in the Christian life. The student will also be exposed to the Church's rich tradition of prayer.

In the second half of the course, Church History 1, the student will learn the development of the Church from the close of the Apostolic age to the conversion of the Roman emperor Constantine: approximately 90 to 325 A.D.

COURSE TEXTS:

- BIBLE** 📖 *The Holy Bible*. Revised Standard Version: Second Edition. San Francisco: Ignatius Press, 2006. Preferred
- CCC** 📖 Liberia Editrice Vaticana and United States Catholic Conference. *Catechism of the Catholic Church*. New York: Doubleday, 1997.
- LAUX** 📖 Laux, Fr. John, M.A. *Mass and the Sacraments*. Rockford: Tan Books and Publishing, Inc, 1990.
- EARLY** 📖 The Apostolic Fathers. *Early Christian Writings*. Trans. Maxwell Stamford. New York: Penguin Books, 1987.
- EUSEBIUS** 📖 Eusebius. *The History of the Church*. Trans. G.A. Williamson. New York: Penguin, 1989.
- Study Guides** 📖 Kolbe Academy Home School. *Mass and the Sacraments Study Guide Set*. Napa: Kolbe Academy Press, 2019.
- 📖 Kolbe Academy Home School. *The History of the Church Study Guide Set*. Napa: Kolbe Academy Press, 2019.
- 📖 Kolbe Academy Home School. *The Early Christian Writings Study Guide Set*. Napa: Kolbe Academy Press, 2019.

Church Documents: (These documents can be read in the online library at www.ewtn.com.)

- ❖ The Council of Trent, Session VII, Decree Concerning the Sacraments & Decree Concerning Reform.
- ❖ St. Thomas Aquinas on Baptism and Confirmation
- ❖ *Mirae Caritatis*, Pope Leo XIII.
- ❖ *Ecclesia de Eucharista*, Pope John Paul II.
- ❖ *Casti Connubii*, Pope Pius XI.
- ❖ *Humanae Vitae*, Pope Paul VI

COURSE OBJECTIVES:

This course will enable the student to:

- Understand in detail the nature of the Sacraments he is receiving and be able to defend the Catholic understanding of each Sacrament against detractors
- Deepen his appreciation of the Mass and of the Sacraments, so as to make reception of the Sacraments more fruitful
- Gain exposure to the Church's treasury of prayers and spiritual practices, so as to develop an appreciation for the Church's tradition and a zealotness to serve God
- Study the Word of God as it moved from the Apostles through the Apostolic Fathers to the Fathers of the Church
- Become familiar with the early Fathers and their works, particularly as they contributed to the unfolding of Catholic Doctrine and Sacred Tradition
- Apply Christian principles faithfully, as a result of studying the examples and seeking the intercession of saints of the period

SCOPE AND SEQUENCE:**First Semester: *Mass and the Sacraments***

This entire course expands upon and is guided by the *Catechism of the Catholic Church* (1066-1690 and 2558-2856). The numbers following each section title refer to divisions of the Catechism.

- A. The Celebration of the Christian Mystery (1066-1075).
 1. The Liturgy--work of the Holy Trinity (1076-1109).
 2. The Paschal Mystery in the Church's Sacraments (1113-1130).
 3. The celebration of the Liturgy (1136-1186).
 4. The universality of the Liturgy (1200-1206).
- B. The Seven Sacraments of the Church (1210-1212).
 1. Baptism (1213-1274).
 2. Confirmation (1285-1314).
 3. The Holy Eucharist (1322-1405).
 4. Penance and Reconciliation (1422-1469).
 - A. Indulgences (1470-1484).
 5. Anointing of the Sick (1499-1525).
 6. Holy Orders (1536-1589).
 7. Marriage (1602-1658).
- C. Other Liturgical Celebrations and Prayer.
 1. Sacramentals (1667-1676).
 2. Christian Funerals (1680-1690).
 3. Prayer in the Christian Life (2558-2565).
 - A. Prayer in the Old Testament (2568-2589).
 - B. The Prayer of Our Lord Jesus (2598-2619).
 - C. Prayer in Church (2623-2643).
 4. The Tradition of Prayer (2650-2679).

5. Guides for Prayer (2683-2691).
6. The Life of Prayer (2697-2751).
7. Studies of the Our Father and other prayers (2759-2856).

D. Course Readings.

1. The Bible. *The Revised Standard Version* Catholic Edition is preferred.
2. *Catechism of the Catholic Church*.
3. *Mass and the Sacraments*, by Fr. John Laux (TAN).
4. The Kolbe Academy *Ancilla Domini Prayer Book*, or any comprehensive treasury of prayers. Students should be accompanied or at least encouraged to pray the Rosary, Litanies, etc., and to memorize as many prayers as possible.

Second Semester: Church History 1

1. The Early Patristic Age
 - Pope St. Clement I and other early witnesses to papal primacy.
 - St. Ignatius of Antioch: the structure of the early Church and its difficult position in the Roman Empire.
 - *The Didache*: early liturgical practices.
2. The Growth and Spread of the Church
 - Eusebius' *The History of the Church*: information on the Apostles, early doctrinal battles, missionary efforts, the heroism of the saints in persecutions, etc. Constantine's conversion as the end of the first age of the Church.
3. Saints' lives to be studied:
 - St. Clement of Rome
 - St. Ignatius of Antioch (40?-107)
 - St. Polycarp (70-156)
 - St. Justin Martyr (100?-165)
 - St. Irenaeus (125-203)
 - St. Cyprian
 - St. Anthony of Egypt (250-356)
 - St. Athanasius (295-373)
 - St. Helena

RESOURCES:

The student should have recourse to orthodox Catholic sources such as:

- www.vatican.va and www.ewtn.com libraries. (**Note the addresses carefully!**)
- *The Christian Faith in the Doctrinal Documents of the Catholic Church*. New Revised Edition. Eds. Jacques Dupuis and J. Neuner. New York: Alba House, 1983.
- *The Question and Answer Catholic Catechism*. Fr. John A. Hardon S.J. New York: DoubleDay, 1981.
- *The Catholic Catechism*. Fr. John A. Hardon, S.J. New York: DoubleDay, 1981.
- *Lives of the Saints*. Fr. Alban Butler. Rockford, Ill.: Tan Books and Publishing, 1995.
- *The Founding of Christendom*, by Warren Carroll (CCP)
- *The Fathers of the Church, a Pictorial Review* (St. Paul)
- *The Faith of the Early Fathers*, vols. I-III, ed. W. Jurgens (Liturgical Press)

- *A Popular History of the Catholic Church* by Philip Hughes, and the larger 3-volume
- *History of the Church* by Philip Hughes

COURSE PLAN METHODOLOGY:

- 📖 Students should know those points listed in the ⇄ **Key Points** section. If possible, discuss these points with your student to make sure he has a firm grasp of each.
- 📖 Any religion course should be designed to inculcate faith.
- 📖 It is a good practice to give weekly quizzes based on the semester exam questions. In that way, the information being studied will be reflected upon and reinforced immediately, better preparing the student for the exams.
- 📖 Exams are closed book exams, designed to be taken within a two-hour period.
- 📖 Memorization ability may be fostered by assignment of passages from Sacred Scripture and the Catechism.
- 📖 Note-taking skills, organizational abilities, and oral and written recapitulation should be developed throughout the course.
- 📖 This course may be accompanied by devotional works, such as St. Alphonsus de Liguori's *The Holy Eucharist* or the works of St. Peter Julian Eymard.
- 📖 Be mindful when reading this material to note similarities and differences between the Church of the first three centuries after the Incarnation and that of our own day. Note the continuity and development of doctrine in the Catholic Church.
- 📖 This work is devotional as well as historical (including Eusebius). What lessons can be learned from it? How can a Christian take encouragement from it? Also, how have emphases changed in Christian piety over the centuries? How does this show the ongoing guidance of the Holy Spirit in the Church?
- 📖 The towering figure of the centuries after Constantine was St. Augustine (354-430). Students will read his works in the Roman history and literature courses.
- 📖 For a general overview of this period, see Warren Carroll's *The Founding of Christendom*, chapters 18-20.

GUIDE FOR READING: LAUX = (Pages) CCC = (Paragraph Numbers) Bible = (Chapter: Verse)

DIPLOMA REQUIREMENTS:

Summa Cum Laude students must complete the entire Kolbe Academy proposed curriculum as written. **Summa** students must fulfill the requirements for the Kolbe Core (K) or Kolbe Honors (H) course as outlined in this Theology course plan. In 9th grade, **Summa** students must pursue the (H) designation in at least one of the following courses: Theology, Literature, or History. In 10th grade, **Summa** students must pursue the (H) designation in at least two of the following courses: Theology, English, Literature, or History. In 11th grade, **Summa** students must pursue the (H) designation in at least three of the following courses: Theology, English, Literature, or History. In 12th grade, **Summa** students must pursue the (H) designation in all of the following courses: Theology, English, Literature, and History. **Magna Cum Laude** and **Standard** diploma candidates may choose to pursue the (H) or (K) designation, but are not required to do so. If the student is not pursuing either of these designations, the parent has the option of altering the course plan as desired. **Magna Cum Laude** students must include 4 years of Theology in high school. **Standard** diploma students must include 3 years of Theology in high school.

KOLBE CORE (K) AND HONORS (H) COURSES:

- ❖ Students pursuing the **Kolbe Core (K)** designation should do all readings **except** those listed as optional. **Kolbe Core students need to complete 4 of the 14 weekly papers each semester**; they should have discussions or write informal essays in response to the rest of the weekly paper topics as these are major themes and will appear in some way on the semester exam.
- ❖ Students pursuing the **Kolbe Honors (H)** designation must do all readings. Honors students are *not* required to read the optional readings. **Honors students need to complete 8 of the 14 weekly papers each semester**; they should have discussions or write informal essays in response to the rest of the weekly paper topics as these are major themes and will appear in some way on the semester exam.
- ❖ For students who are not seeking either the Kolbe Core (K) or Honors (H) designation for this course, parents may alter the course as they so desire.

REQUIRED SAMPLE WORK:

Designation*	No Designation	K	H
Course Title	Mass/Sacraments/ Ch Hist 1	Mass/Sacraments/ Ch Hist 1	Mass/Sacraments/ Ch Hist I
Semester 1	Any TWO samples of written and graded work	1. <i>Complete</i> Midterm 1 Exam 2. <i>Complete</i> Semester 1 Exam	1. <i>Complete</i> Midterm 1 Exam 2. <i>Complete</i> Semester 1 Exam 3. EIGHT Paper Topic Essays
Semester 2	1. Any TWO samples of written and graded work	1. <i>Complete</i> Midterm 2 Exam 2. <i>Complete</i> Semester 2 Exam	1. <i>Complete</i> Midterm 2 Exam 2. <i>Complete</i> Semester 2 Exam 3. EIGHT Paper Topic Essays

*Designation refers to designation type on transcript. K designates a Kolbe Academy Core course. H designates a Kolbe Academy Honors course.

The Kolbe academic advisor will verify that the required work was completed successfully and award the Kolbe Core (K) or Honors (H) designation. The Kolbe academic advisor has the final decision in awarding the designation for the course. **If no designation on the transcript is desired, parents may alter the lesson plan in any way they choose, and any written sample work is acceptable to receive credit for the course each semester.** If you have any questions regarding what is required for the (K) or (H) designations or diploma type status, please contact the academic advisory department at 707-255-6499 Ext. 5 or by email at advisors@kolbe.org.

Kolbe Academy Home School

THE HISTORY OF THE CHURCH (DIDACHE) HIGH SCHOOL THEOLOGY ELECTIVE

TABLE OF CONTENTS

SYLLABUS 1

 COURSE TEXTS: 1

 COURSE OBJECTIVES: 1

 SCOPE AND SEQUENCE: 2

 COURSE PLAN METHODOLOGY:..... 3

 DIPLOMA REQUIREMENTS:..... 4

 REQUIRED SAMPLE WORK: 4

COURSE PLAN 5

 FIRST SEMESTER 5

 SECOND SEMESTER..... 21

PAPER TOPIC ANSWER KEY 37

 FIRST SEMESTER 37

 SECOND SEMESTER..... 41

EXAMS 45

EXAM ANSWER KEYS..... 53





Resale & Copying Policy: This course plan and all accompanying materials are not intended for resale or copying. Copying represents copyright infringement, which is illegal. Regarding reselling the materials, Kolbe Academy relies upon the continued purchase of our course plans for financial stability. As a Catholic Apostolate, we ask you to refrain from reselling Kolbe's course plans. While we cannot stop you from copying or reselling this course plan, we do strongly implore you not to do so.

COURSE TITLE: The History of the Church

COURSE DESCRIPTION:

This high school Theology elective course is part of the *Didache Series*, which relies on authoritative sources such as Sacred Scripture, the *Catechism of the Catholic Church*, the lives of the Saints, the Fathers of the Church, the General Directory for Catechesis and the teachings of Vatican II. The focus of this course is to understand the history of the Church as presented with the basic doctrinal, scriptural, moral and sacramental tenets of the Catholic Church and its development down through the ages. All student materials needed for successful completion of the course (including the supplemental readings) are included in the *Didache* book "The History of the Church: A Complete Course" in conjunction with this course plan. The study guide questions answer key is made available with enrollment and is accessed in the Parent Portal.

COURSE TEXTS:

- Didache**  Socias, James. *The History of the Church: A Complete Course*. Woodridge, Ill: Midwest Theological Forum, 2005.
-  *The History of the Church (Didache) Study Questions Answer Key*, Kolbe Academy, 2019. (provided with enrollment, accessed in Parent Portal)
- MLA**   *MLA Handbook Eighth Edition*. Modern Language Association of America, 2016

COURSE OBJECTIVES:

This course will enable the student to:

- ❖ Understand in detail the establishment of the Church, the developments of its doctrines, its sufferings, its triumphs, its mode of action, its unique presence in every century since Christ and its hope for the salvation of the world
- ❖ Deepen his appreciation of the Catholic Faith
- ❖ Gain exposure to the origins of the Church's treasury of prayers and spiritual practices, so as to develop an appreciation for the Church's tradition and a zealously to serve God
- ❖ Give a defense and justification for the Crusades, extra-biblical traditions, the Inquisition, etc.
- ❖ Become familiar with the lives of many Saints and their works, particularly as they contributed to the unfolding of Catholic Doctrine and Sacred Tradition
- ❖ Apply Christian principles faithfully, as a result of studying the examples and seeking the intercession of Saints

SCOPE AND SEQUENCE:**First Semester: The Roman World through the The High Middle Ages**

- Week 1: The Roman World: Facilitating the Spread of the Gospel
- Week 2: Jesus Christ and the Founding of the Church
- Week 3: The Early Christians
- Week 4: Persecution of "The Way"
- Week 5: The Church Fathers and Heresies (Parts I-III)
- Week 6: The Church Fathers and Heresies (Parts IV-V)
- Week 7: Light in the Dark Ages
- Week 8: Review
- Week 9: Midterm 1 Exam
- Week 10: The Conversion of the Barbarian Tribes (Parts I-IV)
- Week 11: The Conversion of the Barbarian Tribes (Parts V-VII)
- Week 12: Iconoclasm, the Carolingian Renaissance, and the Great Schism
- Week 13: Collapse, Corruption, and Reform in Europe and the Church (Parts I-III)
- Week 14: Collapse, Corruption, and Reform in Europe and the Church (Parts IV-V)
- Week 15: The Crusades, Military Orders, and the Inquisition
- Week 16: The High Middle Ages: Scholastic Development and the Flowering of Culture
- Week 17: Review
- Week 18: Semester 1 Exam

Second Semester: A Century of Suffering through The Church in the United States

- Week 1: A Century of Suffering, Plague, War and Schism
- Week 2: The Renaissance (pts I-II)
- Week 3: The Renaissance (pts III-IV)
- Week 4: The Reformation: Protestant and Catholic (pts I-II)
- Week 5: The Reformation: Protestant and Catholic (pts III-IV)
- Week 6: Wars of Religion
- Week 7: Exploration and Missionary Movements
- Week 8: Review
- Week 9: Midterm 2 Exam
- Week 10: The Church and the Age of Enlightenment
- Week 11: The French Revolution and Napoleon
- Week 12: The Nineteenth Century: The Age of Revolution and the Emergence of Nationalism (pts I-IV)
- Week 13: The Nineteenth Century: The Age of Revolution and the Emergence of Nationalism (pts V-VI)
- Week 14: The Church Gives Witness in Wars and Revolutions
- Week 15: Vatican II and the Church in the Modern World
- Week 16: The Church in the United States
- Week 17: Review
- Week 18: Semester 2 Exam

COURSE PLAN METHODOLOGY:

- 📖 Students should know those points listed in the ➔ **Key Points** section, most especially the chapter vocabulary and the **Study Questions** (for answer to the Study Questions see the Study Questions Answer Key available in the Parent Portal).
- 📖 Any religion course should be designed to inculcate faith.
- 📖 Memorization ability may be fostered by assignment of passages from Sacred Scripture, certain quotes, and most especially the chapter vocabulary.
- 📖 Note-taking skills, organizational abilities, and oral and written recapitulation should be developed throughout the course.
- 📖 Be mindful when reading this material to note similarities and differences between the Church of the first three centuries after the Incarnation and that of our own day. Note the continuity and development of doctrine in the Catholic Church.
- 📖 This work is devotional as well as historical. What lessons can be learned from it? How can a Christian take encouragement from it? Also, how have emphases changed in Christian piety over the centuries? How does this show the ongoing guidance of the Holy Spirit in the Church?
- 📖 The best way to retain material and prepare for the exams is to go over the **Study Questions** and chapter vocabulary with your student several times a week—also giving weekly quizzes based on them.
- 📖 Review weeks should make use of both these elements, as the exams are completely based on the **Study Questions** and chapter vocabularies.
- 📖 Exams are closed book exams, designed to be taken within a two-hour period.

GUIDE FOR READING:

Didache = (Pages in text)

Supp. Read. = (Pages in text)

DIPLOMA REQUIREMENTS:

Summa Cum Laude students must complete the entire Kolbe Academy proposed curriculum as written. This course may be used as an Academic Elective for the **Summa Cum Laude**, but not as part of the standard curriculum. **Magna Cum Laude** and **Standard** diploma candidates may choose to pursue the (H) or (K) designation but are not required to do so. If the student is not pursuing either of these designations, the parent has the option of altering the course plan as desired. **Magna Cum Laude** students must include 4 years of Theology in high school. **Standard** diploma students must include 3 years of Theology in high school.

KOLBE CORE (K) COURSE

- ❖ Students pursuing the **Kolbe Core (K)** designation should do all of the readings. **Kolbe Core students need to complete 4 of the 7 weekly papers each semester**; they should have discussions or write informal essays in response to the rest of the weekly paper topics as these are major themes and will appear in some way on the semester exam.
- ❖ For students who are not seeking the Kolbe Core (K) designation for this course, parents may alter the course as they so desire.

REQUIRED SAMPLE WORK:

Designation*	No Designation	K
Course Title	The History of the Church (Didache)	The History of the Church (Didache)
Semester 1	Any TWO samples of written and graded work	1. Complete Midterm 1 Exam 2. Complete Semester 1 Exam
Semester 2	Any TWO samples of written and graded work	1. Complete Midterm 2 Exam 2. Complete Semester 2 Exam

*Designation refers to designation type on transcript. K designates a Kolbe Academy Core course.

The Kolbe academic advisor will verify that the required work was completed successfully and award the Kolbe Core (K) designation. The Kolbe academic advisor has the final decision in awarding the designation for the course. **If no designation on the transcript is desired, parents may alter the lesson plan in any way they choose and any written sample work is acceptable to receive credit for the course each semester.** If you have any questions regarding what is required for the (K) designation or diploma type status, please contact the academic advisory department at 707-255-6499 ext. 5 or by email at advisors@kolbe.org.

Kolbe Academy Home School

APOLOGETICS AND CHURCH HISTORY 2 HIGH SCHOOL THEOLOGY

TABLE OF CONTENTS

SYLLABUS.....	1
COURSE DESCRIPTION:.....	1
COURSE TEXTS:.....	1
COURSE OBJECTIVES:.....	1
SCOPE AND SEQUENCE:.....	2
COURSE PLAN.....	5
FIRST SEMESTER.....	5
SECOND SEMESTER.....	24
PAPER TOPIC ANSWER KEY	47
FIRST SEMESTER.....	47
SECOND SEMESTER.....	52
EXAMS.....	57
EXAM ANSWER KEYS.....	67

Resale & Copying Policy: This course plan and all accompanying materials are not intended for resale or copying. Copying represents copyright infringement, which is illegal. Regarding reselling the materials, Kolbe Academy relies upon the continued purchase of our course plans for financial stability. As a Catholic Apostolate, we ask you to refrain from reselling Kolbe's course plans. While we cannot stop you from copying or reselling this course plan, we do strongly implore you not to do so.

SYLLABUS

COURSE NAME: Apologetics and Church History 2**COURSE DESCRIPTION:**

Grade Eleven Theology covers Church History from the Council of Nicea to the Counter Reformation, focusing on the development of doctrine. The course is divided into two semesters with each semester focusing on a particular period and its doctrinal controversies and developments. The original writings of those engaged in these controversies and developments will be our guide.

The first semester of the course focuses on the late patristic period from the First Council of Nicea in 325 to the Second Council of Nicea in 787. In its second half, it examines developments through the Carolingian Period to the beginning of the High Middle Ages. The second semester of the course focuses on the high Middle Ages with special emphasis on the writings of St. Thomas Aquinas. In its second half, the course will take us into the Catholic Counter Reformation.

Throughout the course, we will also be studying the contents of *Catholic Apologetics* by Fr. John Laux. The lessons in that text have been arranged to match up thematically with the other readings. Relevant sections of the *Catechism of the Catholic Church* have been assigned as well.

COURSE TEXTS:

LAUX	❖ Laux, Fr. John, <i>Apologetics</i> , Tan Books and Publishers, Inc., 1990.
CCC	❖ <i>Catechism of the Catholic Church</i> , Liberia Editrice Vaticana and United States Catholic Conference. 2nd ed. USCCB Publishing, 2011.
BIBLE	❖ <i>The Holy Bible</i> . Revised Standard Version: Catholic Edition. Ignatius Press, 1966. (Preferred)
READER	❖ <i>Apologetics and Church History 2 Reader</i> , Kolbe Academy Home School. Kolbe Academy Press, 2020.
HITCHCOCK	❖ Hitchcock, James. <i>History of the Catholic Church from the Apostolic Age to the Third Millennium</i> . Ignatius Press, 2012.
MLA	❖ <i>MLA Handbook Eighth Edition</i> . Modern Language Association of America, 2016.
Study Guide 1& 2	❖ <i>Apologetics and Church History 2 Study Guide and Answer Key</i> , 2 Volumes, Kolbe Academy Home School. Kolbe Academy Press, 2020.

The student should have recourse to orthodox Catholic sources such as:

- www.vatican.va and www.ewtn.com libraries. **(Note the addresses carefully!)**

Church Documents and Optional Readings: **Optional Readings are not required for any students.**

- ❖ *Fides et Ratio*, Pope John Paul II (found at www.ewtn.com)

COURSE OBJECTIVES:

- To be able to “give a reason for the hope that is in you,” by studying the scriptural and rational bases that support Catholic doctrine and practice

- Gain exposure to the writings of great saints and theologians who have had a significant impact on the development of Catholic thought
- Study the organic development of the Church's teaching
- Become familiar with the early Fathers and their works, particularly as they contributed to the unfolding of Catholic Doctrine and Sacred Tradition
- Apply Christian principles faithfully as a result of studying and understanding the living tradition of the Church and seeking the intercession of saints of the period.

SCOPE AND SEQUENCE:

I. Apologetics

This course is based on the content of the book *Catholic Apologetics* by Father John Laux, and will be supplemented with relevant sections from the *Catechism of the Catholic Church*. Topics covered will include:

- Existence and nature of God
- Immortality of the soul
- Reasonableness of faith in Christ
- The reliability of scripture
- The divine origin of the Catholic Church
- Papal and Magisterial infallibility
- Necessity of the Church for salvation

II. Church History II

This section of Church History will focus on the major writers of the Middle Ages. Readings have been chosen that will highlight developments in Catholic doctrine and practice. Assignments will require the student to engage the primary sources and draw connections between them and the historical period in which they were written. Care must be taken to know the historical context of the reading and relevant biographical information on the author. Writers and topics covered by this course are as follows:

1. Late Antiquity and The Early Middle Age:
 - The Council of Nicaea
 - The First Council of Constantinople
 - The Council of Ephesus
 - St. Gregory Nazianzen
 - Pope St. Leo the Great
 - Pope St. Gregory the Great
 - St. John Damascene
 - The Second Council of Nicea
2. The Carolingian and Early High Middle Age:
 - Monastic renaissance, reform and missions
 - The Great Eastern Schism
 - The Investiture Controversy
 - St. Anselm
 - St. Bernard of Clairveaux
 - The Fourth Lateran Council

3. The High Middle Age:
 - St. Thomas Aquinas
4. The Late Middle Age to the Counter Reformation
 - St. Thomas More (Tower Writings, Sadness of Christ, Comfort vs. Consolation)
 - St. Robert Bellarmine
 - St. Edmund Campion
 - St. Charles Borromeo
 - Cajetan (Cajetan Responds)
 - St. Teresa of Avila, Interior Castle
 - John of St. Thomas
 - St. Bridget of Sweden -
 - St. John of the Cross (Ascent of Mt. Carmel)
 - St. Ignatius of Loyola (Spiritual Exercises, Autobiography)
 - Thomas à Kempis (The Imitation of Christ)

COURSE PLAN METHODOLOGY:

- ❖ Students should know those points listed in the ➔ **Key Points** section. If possible, discuss these points with your student to make sure he has a firm grasp of each.
- ❖ This course may be accompanied by apologetic works such as the *Catholic for a Reason* series (Emmaus Road Publishing) or testimonials by converts to the Catholic faith as found in the *Surprised by Truth* series (Basilica Press).
- ❖ Be mindful when reading this material to note similarities and differences between the Church of the medieval period and that of our own day. Note the continuity and development of doctrine in the Catholic Church.
- ❖ This work is devotional as well as historical. One should ask, “What lessons can be learned from it? Can a Christian take encouragement from this work? Also, how have emphases changed in Christian piety over the centuries? How does this show the ongoing guidance of the Holy Spirit in the Church?”
- ❖ Since the history of the Middle Ages is very closely united to the history of the Catholic Church in the same period, the material covered in the History course will complement the material studied in this course and help to provide the necessary context.
- ❖ Optional Reading: is not required for any student. These reading are suggested for further development and understanding on particular issues and ideas.
- ❖ It is a good practice to give weekly quizzes based on the semester exam questions. In that way the information being studied will be reflected upon and reinforced immediately, better preparing the student for the semester exam.
- ❖ Semester exams are closed book exams, designed to be taken within a two-hour period.
- ❖ Memorization ability may be fostered by assignment of passages from Sacred Scripture and the Catechism.
- ❖ Note-taking skills, organizational abilities, and oral and written recapitulation should be developed throughout the course

DIPLOMA REQUIREMENTS:

Summa Cum Laude students must complete the entire Kolbe Academy proposed curriculum as written. **Summa** students must fulfill the requirements for the Kolbe Core (K) or Kolbe Honors (H) course as outlined in this Theology course plan. In 9th grade, **Summa** students must pursue the (H) designation in at least one of the following courses: Theology, Literature, or History. In 10th grade, **Summa** students must pursue the (H) designation in at least two of the following courses: Theology, English, Literature, or History. In 11th grade, **Summa** students must pursue the (H) designation in at least three of the following courses: Theology, English, Literature, or History. In 12th grade, **Summa** students must pursue the (H) designation in all of the following courses: Theology, English, Literature, and History. **Magna Cum Laude** and **Standard** diploma candidates may choose to pursue the (H) or (K) designation, but are not required to do so. If the student is not pursuing either of these designations, the parent has the option of altering the course plan as desired. **Magna Cum Laude** students must include 4 years of Theology in high school. **Standard** diploma students must include 3 years of Theology in high school.

KOLBE CORE (K) AND HONORS (H) COURSE REQUIREMENTS:

- ❖ Students pursuing the **Kolbe Core (K)** designation should do all of the readings **except** those listed as HONORS or Supplemental. **Kolbe Core students need to complete at least 4 of the 14 weekly papers each semester.**
- ❖ Students pursuing the **Kolbe Honors (H)** designations must do all of the readings. The readings listed as HONORS are done in addition to the rest of the assignments, not in lieu of them. Honors students are *not* required to read the supplemental readings. **Honors students need to complete 8 of the 14 weekly papers each semester.**
- ❖ Students pursuing the **Kolbe Core (K)** or **Kolbe Honors (H)** designation should have discussions or write informal essays in response to the rest of the weekly paper topics as these are major themes and will appear in some way on the final exam.

SEMESTER REPORTING REQUIREMENTS:

Designation*	No Designation	K	H
Course Title	Apologetics/ Church History 2	Apologetics/ Church History 2	Apologetics/ Church History 2
Semester 1	1. Any 2 samples of written and graded work.	1. <i>Complete</i> Midterm 1 Exam 2. <i>Complete</i> Semester 1 Exam	1. <i>Complete</i> Midterm 1 Exam 2. <i>Complete</i> Semester 1 Exam 3. 8 Paper Topic Essays
Semester 2	1. Any 2 samples of written and graded work.	1. <i>Complete</i> Midterm 2 Exam 2. <i>Complete</i> Semester 2 Exam	1. <i>Complete</i> Midterm 2 Exam 2. <i>Complete</i> Semester 2 Exam 3. 8 Paper Topic Essays

*Designation refers to designation type on transcript. K designates a Kolbe Academy Core course. H designates a Kolbe Academy Honors course.

The Kolbe academic advisor will verify that the required work was completed successfully and award the Kolbe Core (K) or Honors (H) designation. The Kolbe academic advisor has the final decision in awarding the designation for the course. **If no designation on the transcript is desired, parents may alter the lesson plan in any way they choose and any written sample work is acceptable to receive credit for the course each semester.** If you have any questions regarding what is required for the (K) or (H) designations or diploma type status, please contact the academic advisory department at 707-255-6499 ext. 5 or by email at advisors@kolbe.org.

Kolbe Academy Home School

GRADE TWELVE THEOLOGY: MORALITY/CHURCH HISTORY III

TABLE OF CONTENTS

I. Syllabus	
A. Course Texts	2
B. Diploma Requirements	3
C. Quarterly Reporting Requirements	4
D. Scope and Sequence	4
II. Course Plan	
A. Course Plan Methodology	7
B. Quarter 1	7
C. Quarter 2	23
D. Quarter 3	36
E. Quarter 4	50
III. Quarterly Exam Study Guides	
A. Quarter 1	69
B. Quarter 2	70
C. Quarter 3	72
D. Quarter 4	74
IV. Paper Topic Answer Guide	
A. Quarter 1	76
B. Quarter 2	77
C. Quarter 3	80
D. Quarter 4	84
V. Quarterly Exams	
VI. Quarterly Exam Answer Keys	
VII. Appendix	

Resale & Copying Policy: This course plan and all accompanying materials are not intended for resale or copying. Copying represents copyright infringement, which is illegal. Regarding reselling the materials, Kolbe Academy relies upon the continued purchase of our course plans for financial stability. As a Catholic Apostolate, we ask you to refrain from reselling Kolbe's course plans. While we cannot stop you from copying or reselling this course plan, we do strongly implore you not to do so.

COURSE TITLE: Morality/Church History III**COURSE TEXTS:**

- BIBLE** ❖ *The Holy Bible*. Revised Standard Version: Catholic Edition. San Francisco: Ignatius Press, 1966. (Preferred), (T2001 or T2002)
- CCC** ❖ *Catechism of the Catholic Church*. Liberia Editrice Vaticana and United States Catholic Conference. New York: Doubleday, 1997. (T2243A)
- DESALES** ❖ St. Francis De Sales, *Introduction to the Devout Life*. Trans. John K. Ryan. Image Books, Doubleday: New York, 1966. (T2208)
- TRUSTFUL** ❖ Colombiere, Bl. Claude; Fr. Jean Baptiste Saint-Jure. *Trustful Surrender to Divine Providence*. Trans. Prof. Paul Garvin. Tan Books and Publishing, Inc.: Rockford, IL, 1980. (T2204)
- MORALITY** ❖ Laux, Fr. John, M.A. *Catholic Morality*. A Course in Religion: Book III. Tan Books and Publishing, Inc.: Rockford, IL, 1990. (T2205)
- READER I** ❖ **Kolbe Academy 12th Grade Theology: Church History III & Morality Reader, 2 Volumes.**
- READER II** ❖ Kolbe Academy: Napa, 2008. (T2207)
- Trustful** ❖ **Kolbe Academy: Catholic Morality & Trustful Surrender Study Guide.** Kolbe Academy: Napa, 2008. (T2204A)
- DeSales** ❖ **Kolbe Academy: Introduction to the Devout Life Study Guide.** Kolbe Academy: Napa, 2008. (T2208A)
- Reader SG** ❖ **Kolbe Academy: 12th Grade Theology Reader Study Guide.** Kolbe Academy: Napa, 2008. (T2207A)

COURSE DESCRIPTION:

This aim of this course is to teach students how to pray, and inspire them to pursue virtue and sanctity, to trust in Divine Providence, and to make life choices based on sound moral principles. The course will explore in the Church teachings regarding prayer, Divine Providence, morality, vocations, marriage, the family, the Church and, in true Kolbian style, it will end with a study of Our Blessed Mother.

COURSE OBJECTIVES:

- ❖ Introduce the student to a devout life in the modern world and the practice of mental prayer
- ❖ Give him the tools to distinguish between forms of prayer that are compatible with Christianity and those that are not
- ❖ Explain why sanctity and perfection consist in doing "everything to conform to God's will" as St. Teresa of Avila says, and why that is the highest perfection possible
- ❖ Encourage boundless trust in God, His Divine Providence, His Love, and His Mercy
- ❖ Impart a firm understanding of Christian moral principals and the proper application of Christian moral principals in life situations
- ❖ Impart a greater understanding of the dignity of the human person, freewill and vocation
- ❖ Foster a deeper admiration of the particular callings within the Church
- ❖ Inspire each student to respond with greater zeal to the Universal Call to Holiness
- ❖ Reveal the beauty and sanctity of Matrimony in the Catholic Church and the benefits and responsibilities of family life
- ❖ Show forth the excellence of religious vocations, their benefits and responsibilities, as well as briefly define the various type of religious vocations in the Church

- ❖ Further the understanding of one's duties to God, Church, self, spouse, family, state, and society
- ❖ Foster a profound appreciation and understanding of Our Lady, her role in salvation and in our lives

WEEKLY COURSE WORK:

1. Readings
2. Accompanying study guide questions
3. Weekly paper topics are listed in the Course Plan. Not all of these papers need to be completed (*See Kolbe Core (K) and Kolbe Honors (H) Course Requirements on page 3*), but all should be discussed in detail as exam essays will be primarily drawn from these paper topics. These papers should be 1-2 pages typed, size 12 font, double-spaced or neatly handwritten. See the *Weekly Paper Topics Answer Guide* for grading guidelines.
4. **Key Points & Discussion** sections highlight the key concepts that the student should know and consider. Exam questions and essay are also taken from these sections.
5. **Optional Weekly Quizzes.** These are located in the teacher's editions of the study guides.
6. **Quarterly Exam Review Worksheets.** These are meant to be given to the student at the beginning of review week, so that he may use them to guide his preparation for the quarterly exam.
7. Three-Part Quarterly Exams are given at the end of each quarter in order to assess the student's understanding of concepts and retention of material. They are meant to be closed book exams given in a two hour period.

DIPLOMA REQUIREMENTS:

Summa Cum Laude students must complete the entire Kolbe Academy proposed curriculum as written. Summa students must fulfill the requirements for the Kolbe Core (K) or Kolbe Honors (H) course as outlined in this Theology course plan. In 9th grade, **Summa** students must pursue the (H) designation in at least one of the following courses: Theology, Literature, or History. In 10th grade, **Summa** students must pursue the (H) designation in at least two of the following courses: Theology, English, Literature, or History. In 11th grade, **Summa** students must pursue the (H) designation in at least three of the following courses: Theology, English, Literature, or History. In 12th grade, **Summa** students must pursue the (H) designation in all of the following courses: Theology, English, Literature, and History. **Magna Cum Laude** and **Standard** diploma candidates may choose to pursue the (H) or (K) designation, but are not required to do so. If not pursuing either of those designations the parent has the option of altering the course plan as desired. **Magna Cum Laude** students must include 4 years of Theology in high school. **Standard** diploma students must include a 3 years of Theology in high school.

KOLBE CORE (K) AND HONORS (H) COURSES:

- ❖ Students pursuing the **Kolbe Core (K)** designation should do all of the reading **except** those listed as HONORS or Supplemental. **Kolbe Core students need to complete at least 1 or 2 of the 7 weekly papers each quarter;** they should have discussions or write informal essays in response to the rest of the weekly paper topics as these are major themes and will appear in some way on the final exam.
- ❖ Students pursuing the **Kolbe Honors (H)** designations must do all of the readings. The readings listed as HONORS are done in addition to the rest of the assignments, not in lieu of them. Honors students are *not* required to read the supplemental readings. **Honors students need to complete 5 of the 7 weekly papers each quarter;** they should have discussions or write informal essays in response to the rest of the weekly paper topics as these are major themes and will appear in some way on the final exam.

- ❖ For students who are not seeking either the Kolbe Core (K) or Honors (H) designation for this course, parents may alter the course as they so desire.

REQUIRED SAMPLE WORK:

Designation*		K	H
Course Title	Morality/Church History III	Morality/Church History III	Morality/Church History III
Quarter 1	1. Any written sample work	1. <i>Complete</i> Quarter 1 Exam	1. <i>Complete</i> Quarter 1 Exam 2. One Paper Topic Essay
Quarter 2	1. Any written sample work	1. <i>Complete</i> Quarter 2 Exam	1. <i>Complete</i> Quarter 2 Exam 2. One Paper Topic Essay
Quarter 3	1. Any written sample work	1. <i>Complete</i> Quarter 3 Exam	1. <i>Complete</i> Quarter 3 Exam 2. One Paper Topic Essay
Quarter 4	1. Any written sample work	1. <i>Complete</i> Quarter 4 Exam	1. <i>Complete</i> Quarter 4 Exam 2. One Paper Topic Essay

*Designation refers to designation type on transcript. K designates a Kolbe Academy Core course. H designates a Kolbe Academy Honors course.

The Kolbe academic advisor will verify that the required work was completed successfully and award the Kolbe Core (K) or Honors (H) designation. The Kolbe academic advisor has the final decision in awarding the designation for the course. **If no designation on the transcript is desired, parents may alter the lesson plan in any way they choose and any written sample work is acceptable to receive credit for the course each quarter.** If you have any questions regarding what is required for the (K) or (H) designations or diploma type status, please contact the academic advisory department at 707-255-6499 ext. 5 or by email at advisors@kolbe.org.

SCOPE AND SEQUENCE:

The *Catechism of the Catholic Church* is used throughout the course.

FIRST QUARTER: Prayer and the Devout Life

- I. *Introduction to the Devout Life*, St. Francis De Sales

SECOND QUARTER:

Divine Providence

- II. *Trustful Surrender to Divine Providence*

Morality

- III. *Catholic Morality*, Fr. Laux

THIRD QUARTER:

Topics in Morality

- IV. *Libertas*. (On the Nature of Human Liberty) Leo XIII: June 20, 1888
- V. *Rerum Novarum* (On Capital and Labor) Leo XIII: May 15, 1891
- VI. *Casti Connubii* (Christian Marriage) Pius XI Dec. 31, 1930
- VII. *Humanae Vitae* (On the Regulation of Birth) Paul VI: July 25, 1968

FOURTH QUARTER:

Topics in Morality [continued]

VIII. *Evangelium Vitae* (The Gospel of Life) John Paul II: March 25, 1995

The Church: The People of God & the Universal Call to Holiness

IX. *Lumen Gentium* (Dogmatic Constitution on the Church) Paul VI: Nov. 21, 1964

Marriage & Family

X. *Familiaris Consortio* (The Role of the Christian Family in the Modern World) JPII Nov. 22, 1981

Religious Vocations

XI. *Vitae Consecrata* (On Consecrated Life) John Paul II, March 25, 1996-Excerpts

Life in Christ in the Modern World

XII. *Gaudium et Spes*. (Pastoral Council on the Church in the Modern World.) Pope Paul VI, Dec. 7, 1965

Our Lady: First on the Way

XIII. *Ad Diem Illud Laetissimum* (On the Immaculate Conception) Pius X Feb. 2, 1904

XIV. *Redemptoris Mater* (Mother of the Redeemer) John Paul II: March 25, 1987

XV. *Munificentissimus Deus* (Defining the Dogma of the Assumption) Pius XII Nov. 1, 1950

SUPPLEMENTAL MATERIALS:

General Recommendations

- ***The Catholic Catechism***. Fr. John A. Hardon, S.J. New York: Doubleday, 1981. (T2244)
- Fr. Robert Altier. "Christian Marriage" (Free Mp3 Audios from <http://trueteaching.net/Other/>)
- *Babbette's Feast* (Movie) March 4, 1988. Director & Screen Writer Gabriel Axel. Novel by Karen Blixen. (Foreign movie section of your local library, movie rental, or Netflix)
- Mrs. Helen Andelin. *The Fascinating Girl* (<http://www.fascinatingwomanhood.net/>)
- Mr. Aubrey Andelin. *Man of Steel and Velvet* (<http://www.fascinatingwomanhood.net/>)

Prayer

- St. Therese of Lisieux. *Story of a Soul*
- Thomas A Kempis. *Imitation of Christ*
- Fr. Peter T. Rohrbach. *Conversation with Christ*
- Fr. Thomas Dubay. *Deep Conversion Deep Prayer*
- **St. Ignatius of Loyola. *The Spiritual Exercises* * Available from Kolbe Academy**
- St. Theresa of Avila
 - *The Interior Castle*
 - *Life*
- St. Francis De Sales. *Treatise on the Love of God*
- St. John of the Cross
 - *The Ascent of Mount Carmel*
 - *Dark Night of the Soul*
 - *The Spiritual Canticle*
 - *Living Flame of Love*

Inner Peace; Overcoming Sadness and Anxiety

- Bishop Fulton Sheen. *Peace of Soul*
- Fr. Benedict Groeschel. *Arise from Darkness*

Volition

- St. Maximilian Kolbe. *Will to Love*. Marytown Press

Faith & Reason

- G.K. Chesterton. *Orthodoxy*
- Cardinal John Henry Newman. *A Grammar of Assent*
- *Fides et Ratio* (On Faith and Reason) John Paul II
- *Veritatis Splendor* (The Splendor of Truth) John Paul II
- Josef Pieper. *Happiness and Contemplation* (Philosophy)

Divine Providence & Mercy

- Fr. Jeremias Drexel. *Hielotropium*
- Jean Pierre de Caussade, S.J. *Abandonment to Divine Providence*
- Blessed Claude Colombière. *Trustful Surrender to Divine Providence*. (Unabridged)
- Fr. Reginald Garrigou-Lagange, O.P. *Providence*
- St. Faustina. *Divine Mercy in my Soul*

Discernment

- St. Francis De Sales. *Finding God's Will for You*

Marriage & Vocations

- JPII
 - ❑ *Theology of the Body*.
- Karol Wojtyla
 - ❑ *The Jeweler's Shop* (also available as a movie)
 - ❑ *Love & Responsibility*
 - ❑ *The Acting Person*

Our Lady

- Fr. H.M. Manteau-Bonamy, O.P. *Immaculate Conception and the Holy Spirit*. Marytown Press (Study of St. Maximilian Kolbe's writings on Our Lady and the Immaculate Conception)

SUGGESTED GRADING RUBRIC:

	SUGGESTED WEIGHT
FINAL EXAM	20%
WEEKLY PAPERS	20%
STUDY GUIDE QUESTIONS	40%
DISCUSSIONS & JOURNALING	20%

Kolbe Academy Home School

HIGH SCHOOL BIOLOGY WITH LAB (KOLBE CORE)

TABLE OF CONTENTS

SYLLABUS.....	1
COURSE DESCRIPTION:.....	1
COURSE TEXTS AND MATERIALS:.....	1
SCOPE AND SEQUENCE:.....	1
COURSE PLAN METHODOLOGY:.....	3
GUIDELINES FOR WRITTEN LAB REPORT SAMPLES:.....	4
DIPLOMA REQUIREMENTS:.....	5
SEMESTER REPORTING REQUIREMENTS:.....	5
COURSE PLAN.....	6
FIRST SEMESTER.....	6
SECOND SEMESTER.....	35
EXAMS.....	57
FIRST SEMESTER.....	57
SECOND SEMESTER.....	79
EXAM ANSWER KEYS.....	103
FIRST SEMESTER.....	103
SECOND SEMESTER.....	112
APPENDIX.....	121
KOLBE ACADEMY LAB REPORT WORKSHEET.....	121

Resale & Copying Policy: This course plan and all accompanying materials are not intended for resale or copying. Copying represents copyright infringement, which is illegal. Regarding reselling the materials, Kolbe Academy relies upon the continued purchase of our course plans for financial stability. As a Catholic Apostolate, we ask you to refrain from reselling Kolbe's course plans. While we cannot stop you from copying or reselling this course plan, we do strongly implore you not to do so.

COURSE TITLE: Biology (Kolbe Core)

COURSE DESCRIPTION:

This course is designed to give students an appreciation of creation and of the order and complexity of living things. The course plan outlines a track for a Kolbe Academy Core course (K). The “Core Biology” track will emphasize the basic biological processes of how life systems work.

The science of biology presents the student with some of the bioethical issues that exist in today’s world, such as stem cell research, genetic engineering, and cloning. It is the role of the parent to discuss these issues with the student and instruct the student in Church teaching. We have done our best to point out these controversial issues and to provide guidance on how to address them. For example, the topic of evolution is studied alongside the Church’s teaching in *Humani Generis*. Miller and Levine’s *Biology* book periodically includes a “Biology & Society” segment which should be used as points of discussion between the student and parent. It is important to bring in the Church’s teaching on moral and bioethical issues during these discussions. Projects have been assigned during some weeks so that the student can explore the Church’s teachings on controversial topics on their own.

COURSE TEXTS AND MATERIALS:

- ❖ Miller, Kenneth R. and Joseph S. Levine. *Biology*. Boston: Pearson Education, 2017.
- ❖ *Virtual Biology Lab*. Labster. (digital)
- ❖ Hoxie, Elizabeth. *Biology: Quizzes (Kolbe Core)*. Napa, CA: Kolbe Academy Press, 2016. (digital, recommended)
- ❖ Hoxie, Elizabeth. *Biology Answer Key*. Napa, CA: Kolbe Academy Press, 2019. (optional)
- ❖ *Lab Report Writing Guide*. Napa, CA: Kolbe Academy Press, 2008. (optional)

Church Teaching Materials:

- ❖ Pope Pius XII. *Humani Generis*. Vatican: The Holy See, 1950. (online library at www.ewtn.com)
- ❖ Christoph, Cardinal Schonböörn. *Chance or Purpose?: Creation, Evolution and a Rational Faith*. Hubert Philip Weber, ed. Henry Taylor, trans. San Francisco: Ignatius Press, 2007.
- ❖ *Catechism of the Catholic Church*. 2nd edition revised. Vatican: Libreria Editrice Vaticana, 2000.

SCOPE AND SEQUENCE:

1. The Nature of Life
2. Cells
3. Genetics
4. Evolution
5. Ecology
6. From Microorganisms to Plants
7. Animals
8. The Human Body

COURSE PLAN "AT A GLANCE" OUTLINE:**Semester 1 Material Covered:**

Week 1	Chapter 1: 1.1 through 1.3
Week 2	Chapter 2: 2.1 through 2.4
Week 3	Chapter 7: 7.1 through 7.4
Week 4	Chapter 8: 8.1 through 8.3
Week 5	Chapter 9: 9.1 through 9.2
Week 6	Chapter 10: 10.1 through 10.2
Week 7	Review Ch. 1, 2, 7 through 10
Week 8	Chapter 11: 11.1 through 11.4
Week 9	Chapter 12/13: 12.1 through 12.3, and 13.1 through 13.2
Week 10	Chapter 14: 14.1 through 14.3
Week 11	Review Chapters 11 through 14
Week 12	Chapter 15: 15.1 through 15.3
Week 13	Chapter 16: 16.1 through 16.4
Week 14	Chapter 17: 17.1 through 17.3
Week 15	Chapter 18: 18.1 through 18.3
Week 16	Chapter 3/4: 3.1 through 3.2, and 4.1 through 4.4
Week 17	Chapter 5: 5.1 through 5.3
Week 18	Review Chapters 15 through 18 and 3 through 5

Exam Schedule:

Exam I: Chapters 1, 2, 7-10

Exam II: Chapters 11-14

Exam III: Chapters 15-18, 3-5

Semester 2 Material Covered:

Week 1	Chapter 19: 19.1 through 19.3
Week 2	Chapter 20: 20.1 through 20.3
Week 3	Chapter 21: 21.2 through 21.4
Week 4	Chapter 22: 22.1 through 22.4
Week 5	Chapter 23: 23.1 through 23.4
Week 6	Review Chapters 19 through 23
Week 7	Chapter 25: 25.1 through 25.2
Week 8	Chapter 27: 27.1 through 27.4
Week 9	Chapter 28: 28.1 through 28.4
Week 10	Chapter 29: 29.1 through 29.2
Week 11	Review Chapters 25, and 27 through 29
Week 12	Chapter 30: 30.1 through 30.4
Week 13	Chapter 31: 31.1 through 31.4
Week 14	Chapter 32: 32.1 through 32.3
Week 15	Chapter 33: 33.1 through 33.3
Week 16	Chapter 34: 34.1 through 34.4
Week 17	Chapter 35: 35.1 and 35.3
Week 18	Review Chapters 30 through 35

Exam Schedule:

Exam IV: Chapters 19-23

Exam V: Chapters 25, 27-29

Exam VI: Chapters 30-35

COURSE PLAN METHODOLOGY:

There are 6 exams incorporated into the biology course. These exams reflect the content of what was assigned in the weekly course plans. If students do the work assigned during the week, they should be adequately prepared for any question that arrives on the exams. The exams consist of many different types of questions including matching, multiple choice, and essays. Students may not skip or alter questions on the exams except when specified by the directions within the exam itself if they wish to receive the (K) designation for this course. As parents are the primary educator, they may alter the course plan or exams as needed if the student does not desire a designation on the transcript.

Short quizzes are provided for each chapter in a separate publication. While not mandatory, completing the quizzes will help student prepare for the exams. They are available as a digital download. Please see the course text list.

Lab work is suggested throughout the lesson plan using the Virtual Lab and labs in the textbook that do not require extensive materials. To qualify the course as a lab science, students should spend an average of one hour per week doing some type of lab work. This may include field observation, dissection, work with a microscope, or using the virtual laboratory. Students may receive lab credit by other means than following the course plan suggestions such as a home school co-op, hands-on lab at home, college lab course etc. A separate grade should NOT be given for the lab work but should be incorporated into the overall grade given for the course. Parents may determine the weight the lab component will have on the final grade, but typical values range from 15-25% of the total grade. Two written lab reports (formal or informal) are needed per semester for lab credit on the transcript; however, students are encouraged to write an informal lab report for the majority of the labs in this course.

The following key will help the parent and student understand the layout of each week's assignments.

Reading: Includes pages from the specified chapter in the Pearson *Biology* textbook or other specified outside reading.

Section Assessment: Suggested questions from the text at the end of each section. The suggested questions will help the student prepare well for each exam provided by Kolbe Academy. Answers to these questions are provided in the Kolbe Academy Answer Key to the Pearson *Biology* text.

Chapter Assessment: Suggested questions from the text at the end of each chapter. The suggested questions will help the student prepare well for each exam provided by Kolbe Academy. Answers to these questions are provided in the Kolbe Academy Answer Key to the Pearson *Biology* text. **Textbook homework is not mandatory and may be omitted.**

Resources: The etext (www.pearsonrealize.com) has a collection of supplemental materials intended to reinforce concepts presented in the text. Materials assigned in the "Resources" are meant to complement the textbook lessons and are not necessary to do well on the exams. However, the activities and videos do provide additional assessment and demonstration of the concepts in the text. Students also have access to workbook pages for each section through the etext.

Lab Work: The lab work assignments come from either the Labster labs or from the *Biology* text itself. The labs chosen from the text need little or no equipment to be completed at home (like the Quick Labs or Inquiry activities), and all Labster assignments use just computer software. Any Quick Labs or Inquiry activities listed in the course plan are optional for lab credit but do allow students using the Labster software to get occasional hands-on lab experience. If you have equipment available to complete the more complex labs that are outlined in the book, these could be done in lieu of the virtual lab, and is a superior way to fulfill the lab requirement. Note that virtual labs have been placed in the most relevant week possible, but sometimes a lab covering a certain topic is postponed to a later week so as not to overwhelm the student. **To gain experience with science writing, it is recommended that students complete a lab worksheet (in the appendix of this course plan) for each Labster simulation except for those they choose for full lab reports.**

Project: Several project ideas are suggested for each semester. Some deal with moral or ethical concepts which the student may wish to understand better. The projects may be submitted to fulfill the “written work” requirement.

Key Terms: This is a list of important vocabulary terms to look out for as the student reads the chapter.

Biological Issues & Church Teaching: References that can be used to incorporate Church Teaching alongside the study of biology are provided in this section. Many of the references are to documents easily found on the Internet, such as *Fides et Ratio*, *Humani Generis*, and the *Summa Theologica*. These references are by no means exhaustive and not every chapter will have references to Church Teaching, depending on the subject matter being covered.

Important Concepts: The most important concepts for the student to understand are described in this section.

GUIDELINES FOR WRITTEN LAB REPORT SAMPLES:

Kolbe Core (K) guidelines: Students seeking the Kolbe Core designation for a lab credit with this science course should complete a **Kolbe Academy Lab Report Worksheet** or keep other comparably detailed, organized notes for each lab completed. Kolbe Core students must submit two lab reports (formal or informal) each semester. The Kolbe Academy Lab Report Worksheet (or another comparably detailed, organized written sample) may be submitted as an informal lab report. The Kolbe Academy Lab Report Worksheet may be found in the Appendix of this course plan and may be reproduced or printed as needed.

General guidelines: Students not seeking a designation for a lab credit with this science course are encouraged to complete a Lab Report Worksheet or keep other comparably detailed, organized notes for each lab completed. They must submit 2 written lab samples each semester (any sample of lab work will suffice).

The **Kolbe Lab Report Writing Guide**, which is available in the Kolbe Academy Bookstore, explains how to write a formal lab report. This guide is optional, however, you should seek out a reputable source on writing lab reports if you do not have access to it.

DIPLOMA REQUIREMENTS:

Summa Cum Laude diploma candidates are required to follow either the Kolbe Core course (K) or Kolbe Honors course (H) track outlined in the course plan and are required to fulfill the laboratory component with this biology course. **Magna Cum Laude** and **Standard** diploma candidates may choose to pursue the (H) or (K) designation, but are not required to do so, and instead have the option of altering the course plan as they choose. **Summa** students must complete 4 years of science during their high school course of study including Biology with Lab, Chemistry with Lab, Physics with Lab, and a pre-approved science elective. **Magna** students must complete 3 years of science during their high school course of study including Biology, Chemistry, and a physical science. **Standard** diploma students must complete 2 years of science including a biological and physical science. For a student pursuing the **Magna Cum Laude** diploma, the science requirement dictates that lab work is incorporated into Biology and Chemistry. There is no lab requirement for the **Standard** diploma. Please see below for specific course titles, semester reporting requirements and transcript designations for biology.

SEMESTER REPORTING REQUIREMENTS:

Designation*	No Designation		K (Kolbe Core)		H (Honors)
	Biology	Biology w/ Lab	Biology	Biology w/ Lab	
Semester 1	1. Any two written, graded samples.	1. Any two written, graded samples. 2. Two graded lab reports.	1. Core Exam I 2. Core Exam II 3. Core Exam III Each completed fully and graded.	1. Core Exam I 2. Core Exam II 3. Core Exam III Each completed fully and graded. 4. Two graded lab reports.	Please use the Honors version of the Pearson Biology course plan if you would like to seek the Honors (H) designation.
Semester 2	1. Any two written, graded samples.	1. Any two written, graded samples. 2. Two graded lab reports.	1. Core Exam IV 2. Core Exam V 3. Core Exam VI Each completed fully and graded.	1. Core Exam IV 2. Core Exam V 3. Core Exam VI Each completed fully and graded. 4. Two graded lab reports.	

*Designation refers to designation type on transcript. K designates a Kolbe Academy Core course.

If the student wishes to have the course distinguished on the transcript with a (K) as a Kolbe Academy Core course, please be sure to send the correct exams and components each semester for verification as specified above. **If no designation on the transcript is desired, parents may alter the lesson plan and any written sample work is acceptable to receive credit for the course each semester.** If you have any questions regarding what is required for the (K) designation or diploma type status, please contact the Academic Services Department at 707-255-6499 Ext. 5 or by email at advisors@kolbe.org.

◆◆◆ FIRST SEMESTER ◆◆◆

KOLBE ACADEMY ORIENTATION WEEK

This week will be strictly dedicated to learning about the set-up of the course and textbook, the virtual lab software, and all supplemental online materials.

- **Read pages 1 – 7** of the Kolbe Academy **Syllabus** for biology. Open the textbook to the table of contents. Pay special attention to the key in the Course Plan Methodology that explains how each week's assignments are laid out.
- If you are using the virtual lab, **make sure you have been given access**. Login is at www.labster.com. A username and password must be generated by Kolbe and emailed to you.
- Login to Labster. Go over the Help Tutorials located in the virtual lab environment.
- Pay special attention to the key that explains how each week's assignments are laid out. Compare the key with a few weeks in the course-plan since not every component appears in each week. Look ahead to Week 1. Take stock of the material you will be covering. Make sure you understand what each assignment is and whether it pertains to the course of study you will be following. You are now ready to begin your biology adventure!

Kolbe Academy Home School

HIGH SCHOOL BIOLOGY WITH LAB (HONORS)

TABLE OF CONTENTS

SYLLABUS.....	1
COURSE DESCRIPTION	1
COURSE TEXTS AND MATERIALS	1
SCOPE AND SEQUENCE:	1
COURSE PLAN “AT A GLANCE” OUTLINE	2
COURSE PLAN METHODOLOGY:.....	3
GUIDELINES FOR WRITTEN LAB REPORT SAMPLES:.....	4
DIPLOMA REQUIREMENTS:.....	5
SEMESTER REPORTING REQUIREMENTS:.....	5
COURSE PLAN.....	6
FIRST SEMESTER	6
SECOND SEMESTER.....	36
EXAMS.....	59
FIRST SEMESTER	59
SECOND SEMESTER.....	85
ANSWER KEYS	112
FIRST SEMESTER	112
SECOND SEMESTER.....	129
APPENDIX	141
KOLBE ACADEMY LAB REPORT WORKSHEET.....	141

Resale & Copying Policy: This course plan and all accompanying materials are not intended for resale or copying. Copying represents copyright infringement, which is illegal. Regarding reselling the materials, Kolbe Academy relies upon the continued purchase of our course plans for financial stability. As a Catholic Apostolate, we ask you to refrain from reselling Kolbe's course plans. While we cannot stop you from copying or reselling this course plan, we do strongly implore you not to do so.

COURSE TITLE: Biology (Honors)**COURSE DESCRIPTION:**

This course is designed to give students an appreciation of creation and of the order and complexity of living things. The course plan outlines a track for a Kolbe Academy honors course (H) in Biology. The “Honors Biology” track will outline the more in-depth processes of life systems.

The science of biology presents the student with some of the bioethical issues that exist in today’s world, such as stem cell research, genetic engineering, and cloning. It is the role of the parent to discuss these issues with the student and instruct the student in Church teaching. We have done our best to point out these controversial issues and to provide guidance on how to address them. For example, the topic of evolution is studied alongside the Church’s teaching in *Humani Generis*. Miller and Levine’s *Biology* book periodically includes a “Biology & Society” segment which should be used as points of discussion between the student and parent. It is important to bring in the Church’s teaching on moral and bioethical issues during these discussions. Projects have been assigned during some weeks so that the student can explore the Church’s teachings on controversial topics on their own.

The honors track, although up to the parent’s discretion, is aimed for students who have a solid background in physical science. A student who still wishes to pursue this course as an honors course that did not follow the recommended course of study for physical science, may find the pace of the course challenging. These students should be sure to allot extra time for their studies.

COURSE TEXTS AND MATERIALS:

- ❖ Miller, Kenneth R. and Joseph S. Levine. *Biology*. Boston: Pearson Education, 2017.
- ❖ *Virtual Biology Lab*. Labster. (digital)
- ❖ Hoxie, Elizabeth. *Biology: Quizzes (Kolbe Core)*. Napa, CA: Kolbe Academy Press, 2016. (digital, recommended)
- ❖ Hoxie, Elizabeth. *Biology Answer Key*. Napa, CA: Kolbe Academy Press, 2019. (optional)
- ❖ *Lab Report Writing Guide*. Napa, CA: Kolbe Academy Press, 2008. (optional)

Church Teaching Materials:

- ❖ Pope Pius XII. *Humani Generis*. Vatican: The Holy See, 1950. (online library at www.ewtn.com)
- ❖ Christoph, Cardinal Schonböörn. *Chance or Purpose?: Creation, Evolution and a Rational Faith*. Hubert Philip Weber, ed. Henry Taylor, trans. San Francisco: Ignatius Press, 2007.
- ❖ *Catechism of the Catholic Church*. 2nd edition revised. Vatican: Libreria Editrice Vaticana, 2000.

SCOPE AND SEQUENCE:

1. The Nature of Life
2. Cells
3. Genetics
4. Evolution
5. Ecology
6. From Microorganisms to Plants
7. Animals
8. The Human Body

COURSE PLAN "AT A GLANCE" OUTLINE:**Semester 1 Material Covered:**

Week 1	Chapter 1: 1.1 through 1.3
Week 2	Chapter 2: 2.1 through 2.4
Week 3	Chapter 7: 7.1 through 7.4
Week 4	Chapter 8: 8.1 through 8.3
Week 5	Chapter 9/10: 9.1 through 9.3 and 10.1 through 10.2
Week 6	Chapter 10: 10.3 through 10.4
Week 7	Review Ch. 1, 2, 7 through 10/ Ch. 11: 11.1 through 11.2
Week 8	Chapter 11/12: 11.3 through 11.4 and 12.1 through 12.3
Week 9	Chapter 13/14: 13.1, 13.2, 13.4 and 14.1 through 14.3
Week 10	Review Chapters 11 through 14
Week 11	Chapter 15: 15.1 through 15.4
Week 12	Chapter 16: 16.1 through 16.4
Week 13	Chapter 17: 17.1 through 17.4
Week 14	Chapter 18: 18.1 through 18.3
Week 15	Chapter 3: 3.1 through 3.4
Week 16	Chapter 4: 4.1 through 4.4
Week 17	Chapter 5: 5.1 through 5.3
Week 18	Review Chapters 15 through 18 and 3 through 5

Exam Schedule:

Exam I: Chapters 1, 2, 7-10

Exam II: Chapters 11-14

Exam III: Chapters 15-18, 3-5

Semester 2 Material Covered:

Week 1	Chapter 19/20: 19.1 through 19.3 and 20.1 through 20.3
Week 2	Chapter 21: 21.1 through 21.4
Week 3	Chapter 22: 22.1 through 22.4
Week 4	Chapter 23: 23.1 through 23.5
Week 5	Chapter 24: 24.1 through 24.2
Week 6	Review Chapters 19 through 24
Week 7	Chapter 25: 25.1 through 25.2
Week 8	Chapter 27: 27.1 through 27.4
Week 9	Chapter 28: 28.1 through 28.4
Week 10	Chapter 29: 29.1 through 29.2
Week 11	Review Chapters 25, and 27 through 29
Week 12	Chapter 30: 30.1 through 30.4
Week 13	Chapter 31: 31.1 through 31.4
Week 14	Chapter 32: 32.1 through 32.3
Week 15	Chapter 33: 33.1 through 33.3
Week 16	Chapter 34: 34.1 through 34.4
Week 17	Chapter 35: 35.1 through 35.4
Week 18	Review Chapters 30 through 35

Exam Schedule:

Exam IV: Chapters 19-24

Exam V: Chapters 25, 27-29

Exam VI: Chapters 30-35

COURSE PLAN METHODOLOGY:

There are 6 exams incorporated into the biology course. These exams reflect the content of what was assigned in the weekly course plans. If students do the work assigned during the week, they should be adequately prepared for any question that arrives on the exams. The exams consist of many different types of questions including matching, multiple choice, and essays. Students may not skip or alter questions on the exams except when specified by the directions within the exam itself if they wish to receive the (H) designation for this course. As parents are the primary educator, they may alter the course plan or exams as needed if the student does not desire a designation on the transcript.

Short quizzes are provided for each chapter in a separate publication. While not mandatory, completing the quizzes will help student prepare for the exams. They are available as a digital download. Please see the course text list.

Lab work is suggested throughout the lesson plan through the use of the Virtual Lab and labs in the textbook that do not require extensive materials. To qualify the course as a lab science, students should spend an average of one hour per week doing some type of lab work. This may include field observation, dissection, work with a microscope, or using the Labster program. Students may receive lab credit by other means than following the course plan suggestions such as a home school co-op, hands-on lab at home, college lab course etc. A separate grade should NOT be given for the lab work, but should be incorporated into the overall grade given for the course. Parents may determine the weight the lab component will have on the final grade, but typical values ranges from 15-25% of the total grade. Two written, formal lab reports are needed per semester for lab credit on the transcript; however, students are encouraged to write an informal lab report for the majority of the labs in this course.

If this text is being used in preparation for the AP Biology exam, students should complete the Honors Biology level of this course. Since this book is NOT a college text, it is important to study for the AP with an AP specified study guide for Biology. Most of the topics needed to be successful on the Biology AP exam are covered in the honors course of study. To see the AP biology requirements, go to www.collegeboard.com. AP is a registered trademark of the College Board.

The following key will help the parent and student understand how each week's assignments are laid out.

Reading: Includes pages from the specified chapter in the Pearson *Biology* textbook or other specified outside reading.

Section Assessment: Suggested questions from the text at the end of each section. The suggested questions will help the student prepare well for each exam provided by Kolbe Academy. Answers to these questions are provided in the Kolbe Academy Answer Key to the Pearson Biology text.

Chapter Assessment: Suggested questions from the text at the end of each chapter. The suggested questions will help the student prepare well for each exam provided by Kolbe Academy. Answers to these questions are provided in the Kolbe Academy Answer Key to the Pearson Biology text.

Resources: The etext (www.pearsonrealize.com) has a collection of supplemental materials intended to reinforce concepts presented in the text. Materials assigned in the “Resources” are meant to complement the textbook lessons and are not necessary to do well on the exams. However, the activities and videos do provide additional assessment and demonstration of the concepts in the text. Students also have access to workbook pages for each section through the etext.

Lab Work: The lab work assignments come from either the Labster labs or from the *Biology* text itself. The labs chosen from the text need little or no equipment to be completed at home (like the Quick Labs or Inquiry activities), and all Labster assignments use just computer software. Any Quick Labs or Inquiry activities listed in the course plan are optional for lab credit but do allow students using the Labster software to get some occasional hands-on lab experience. If you have equipment available to complete the more complex labs that are outlined in the book, these could be done in lieu of the virtual lab, and is a superior way to fulfill the lab requirement. Note that virtual labs have been placed in the most relevant week possible, but sometimes a lab covering a certain topic is postponed to a later week so as not to overwhelm the student. **To gain experience with science writing, it is recommended that students complete a lab worksheet (in the appendix of this course plan) for each Labster simulation except for those they choose for full lab reports.**

Project: Several project ideas are suggested for each semester. Some deal with moral or ethical concepts which the student may wish to understand better. The projects may be submitted to fulfill the “written work” requirement.

Key Terms: This is a list of important vocabulary terms to look out for as the student reads the chapter.

Biological Issues & Church Teaching: References that can be used to incorporate Church Teaching alongside the study of biology are provided in this section. Many of the references are to documents easily found on the Internet, such as *Fides et Ratio*, *Humani Generis*, and the *Summa Theologica*. These references are by no means exhaustive and not every chapter will have references to Church Teaching, depending on the subject matter being covered.

Important Concepts: The most important concepts for the student to understand are described in this section.

GUIDELINES FOR WRITTEN LAB REPORT SAMPLES:

Honors (H) guidelines: Students seeking the Honors designation for a lab credit with this science course should complete a lab worksheet or keep other comparably detailed, organized notes for each lab completed. They must also submit 2 formal lab reports each semester.

General guidelines: Students not seeking any designation for a lab credit with this science course are encouraged to complete a Lab Report Worksheet or keep other comparably detailed, organized notes for each lab completed. They must submit 2 written lab samples each semester (any sample of lab work will suffice).

The **Kolbe Lab Report Writing Guide**, which is available in the Kolbe Academy Bookstore, explains how to write a formal lab report. This guide is optional, however, you should seek out a reputable source on writing lab reports if you do not have access to it.

DIPLOMA REQUIREMENTS:

Summa Cum Laude diploma candidates are required to follow either the Kolbe Core course (K) or Kolbe Honors course (H) track course plan, and are required to fulfill the laboratory component with this biology course. **Magna Cum Laude** and **Standard** diploma candidates may choose to pursue the (H) or (K) designation, but are not required to do so, and instead have the option of altering the course plan as they choose. **Summa** students must complete 4 years of science during their high school course of study including Biology with Lab, Chemistry with Lab, Physics with Lab, and a pre-approved science elective. **Magna** students must complete 3 years of science during their high school course of study including Biology, Chemistry, and a physical science. **Standard** diploma students must complete 2 years of science including a biological and physical science. For a student pursuing the **Magna Cum Laude** diploma, the science requirement dictates that lab work is incorporated into Biology and Chemistry or Physics. There is no lab requirement for the **Standard** diploma. Please see below for specific course titles, semester reporting requirements and transcript designations for biology.

SEMESTER REPORTING REQUIREMENTS:

Designation*	No Designation		K (Kolbe Core)	H (Honors)
Course Title	Biology	Biology w/ Lab		Biology w/ Lab
Semester 1	1. Any two written, graded samples.	1. Any two written, graded samples. 2. Any two graded lab reports.	Please use the Kolbe Core version of the Pearson Biology course plan if you would like to seek the Kolbe Core (K) designation.	1. Honors Exam I 2. Honors Exam II 3. Honors Exam III Each completed fully and graded. 4. Any two graded lab reports. 5. Any two graded projects
Semester 2	1. Any two written, graded samples.	1. Any two written, graded samples. 2. Any two graded lab reports.		1. Honors Exam IV 2. Honors Exam V 3. Honors Exam VI Each completed fully and graded. 4. Any two graded lab reports. 5. Any two graded projects.

*Designation refers to designation type on transcript. K designates a Kolbe Academy Core course. H designates a Kolbe Academy Honors course.

If the student wishes to have the course distinguished on the transcript with an (H) as a Kolbe Academy Honors course, please be sure to send the correct exams and components each semester for verification as specified above. **If no designation on the transcript is desired, parents may alter the lesson plan and any written sample work is acceptable to receive credit for the course each semester.** If you have any questions regarding what is required for the (K) or (H) designations or diploma type status, please contact the academic advisory department at 707-255-6499 or by email at advisors@kolbe.org.

◆◆◆ FIRST SEMESTER ◆◆◆

KOLBE ACADEMY ORIENTATION WEEK

This week will be strictly dedicated to learning about the set-up of the course and textbook, the virtual lab software, and all supplemental online materials.

- **Read pages 1 – 7** of the Kolbe Academy **Syllabus** for biology. Open the textbook to the table of contents. Pay special attention to the key in the Course Plan Methodology that explains how each week's assignments are laid out.
- If you are using the virtual lab, **make sure you have been given access**. Login is at www.labster.com. A username and password must be generated by Kolbe and emailed to you.
- Login to Labster. Go over the Help Tutorials located in the virtual lab environment.
- Pay special attention to the key that explains how each week's assignments are laid out. Compare the key with a few weeks in the course-plan since not every component appears in each week. Look ahead to Week 1. Take stock of the material you will be covering. Make sure you understand what each assignment is and whether it pertains to the course of study you will be following. You are now ready to begin your biology adventure!

Kolbe Academy Lab Report Worksheet

Instructions:

Students should complete a worksheet for each Labster simulation unless otherwise specified by the course plan. The worksheets are intended to guide the student through the scientific method and introduce them to the principles of scientific writing in preparation for writing formal lab reports. The student should avoid copying directly from the Labster website and must put all information into his own words. The student may not be able to complete all sections of the worksheet for every simulation. For example, some simulations are technique-oriented, and it may not be possible to identify variables. Be thorough and complete every applicable section. For the purpose of the lab worksheet, it is acceptable to use the Labster theory pages as the sole reference for the background section. It is not necessary to complete a worksheet for simulations chosen as lab report topics.

Guidelines for lab report written samples:

Honors (H) guidelines: Students seeking the Honors designation for a lab credit with this science course should complete a lab worksheet or keep other comparably detailed, organized notes for each lab completed. They must also submit 2 formal lab reports each semester.

Kolbe Core (K) guidelines: Students seeking the Kolbe Core designation for a lab credit with this science course should complete a lab worksheet or keep other comparably detailed, organized notes for each lab completed. Kolbe Core students must submit two lab reports (formal or informal) each semester. The attached worksheet (or another comparably detailed, organized written sample) may be submitted as an informal lab report.

General guidelines: Students not seeking the Kolbe Core (K) or Honors (H) designation for a lab credit with this science course are encouraged to complete a lab worksheet or keep other comparably detailed, organized notes for each lab completed. They must submit 2 written lab samples each semester (any samples will suffice).

The **Kolbe Lab Report Writing Guide**, which is available in the Kolbe Academy Bookstore, explains how to write a formal lab report. This guide is optional, however, you should seek out a reputable source on writing lab reports if you do not have access to it.

You may duplicate or print out the blank lab worksheet on the following page as needed.

Name: _____

Date: _____

1. Lab Report Title

--

2. Background Information

Write a short paragraph or bulleted list of relevant theory your reader needs to understand the experiment.

--

3. Statement of Purpose or Hypothesis

What question are you trying to answer in performing this experiment (purpose)? What do you expect to happen (hypothesis)? The hypothesis should be written as an "if...then...because" statement.

--

Identification of Variables

Independent Variable
(the one factor that changes)

--

Dependent Variable *(the factor that is measured)*

--

Constants *(list at least 3 factors that will be kept constant throughout the experiment)*

1.
2.
3.

Ad Majorem Dei Gloriam

4. Materials

List all materials used in the experiment.

5. Methods

Describe the experiment step-by-step in a numbered list. Use your own words and be detailed enough that another person could duplicate the experiment from reading your methods. Write in past tense since you have already performed the experiment.

6. Data

What were the results of the experiment? Include qualitative and quantitative data. Copy and paste charts, graphs, and tables from Labster into the worksheet.

7. Analysis

Briefly discuss the significance of your results (what does the data mean?).

8. Conclusion	
<i>a. Briefly restate the purpose of the experiment and key findings in the results.</i>	
<i>b. Was your hypothesis supported or rejected? Explain.</i>	<p><u>Circle:</u> Supported or Rejected</p> <p>Explanation:</p>
<i>c. List at least two hypothetical sources of error had this experiment been performed in the "real world."</i>	<p>1.</p> <p>2.</p>
<i>d. Suggest at least two topics for future study.</i>	<p>1.</p> <p>2.</p>

Labster Simulation Total Score
_____ pts/ _____ total pts