

**Regular Courses**

Selected regular courses have been designed with options that allow student flexibility in special circumstances. Currently the following courses may be taken through the Office of Instructional Support and Innovation and applied toward an Andrews University degree with permission of the student's advisor.

EDFN514 Theological Foundation of Family Life Education

EDFN500 Philosophical Foundations of Education and  
Psychology

EDFN530 Teaching Ministry of Jesus

EDFN554 History of Education

# TEACHING AND LEARNING

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**Pre-Teacher Preparation Status.** All undergraduate students admitted into the School of Education are in a Pre-Teacher Preparation status until they are formally admitted into the Teacher Preparation program. Only the following Teacher Preparation courses can be taken without admission to the program or special permission: EDTE215, EDPC302, EDTE328, 408 and 410.

**Admittance into the Teacher Preparation Program.** A formal application for admittance into the Teacher Preparation Program must be submitted to the Department of Teaching and Learning. This should be done during the sophomore year or during the first semester of course work for transfer and graduate students. The Basic Skills portion of the *Michigan Test for Teacher Certification (MTTC)* must be passed before admittance to the Teacher Preparation Program. See the Teacher Education Program and Certification Procedures for specific details, p. 241.

**Special Requirements for School of Education Students.** Applicants who do not qualify for regular or provisional admission to the School of Education may apply to the College of Arts and Sciences. After achieving a minimum GPA of 2.50 for at least one semester (minimum 12 credits), the applicant may apply for a transfer to the School of Education.

## **BS: Elementary Education**

The Bachelor of Science in Elementary Education degree is a professional degree with emphasis in the curriculum and methodology of teaching in the elementary school.

### **Michigan Department of Education Definition of Program Completers**

To qualify for graduation and certification, Elementary Education students must complete the following:

- General education core
- Professional education courses\*
- Planned program minor\*
- Approved subject content major **or** two minors\*
- Pass the MTTC Elementary Education Exam (additional subject area exams are optional)
- Be recommended for certification

\* *EACH of these areas must have a 2.50 GPA with no grade of C- or below.*

Courses counted toward meeting the requirements for the planned program minor, the professional education courses, the subject content major, minors, area of concentration, or SDA certification requirements must have a grade of C or above. Students are expected to meet all requirements for Seventh-day Adventist and State of Michigan certification before the degree can be granted. Degree candidates who are unable to qualify for either SDA or Michigan certification may petition the dean of the School of Education to be exempted from meeting the requirements for **one** of the two types of certification.

## **GENERAL EDUCATION CORE REQUIREMENTS**

**Philosophy of General Education.** The School of Education attempts to give the prospective teacher the balance, perspective, and understanding of a well-educated person—to free him/her from bias, intolerance, and ignorance about humanity’s world environment. Such education should acquaint the student with the basic knowledge and skills necessary for independent and reflective thought so essential for successful living in today’s complex world.

## **GENERAL EDUCATION REQUIREMENTS FOR ELEMENTARY EDUCATION MAJORS**

### **Religion—12\***

RELT100, 225, 308; RELB210, plus one credit of religion elective.

### **Arts and Humanities—11-12**

HIST205, 230, ENGL407, EDTE410

One course from: ARTH220; IDSC200, 211; MUHL214; PHTO210; INSL220

### **Physical/Natural Science—9**

Choose a minimum of two areas from the following:

BIOL100, 111, 112, 113, 165, 166, 208, 330

CHEM110, 131, 132

PHYS110, 115, 131, 132, 141, 142

IDSC321, 322

### **Social Science—8**

GEOG110, PLSC104, EDPC302

### **Language and Communication—8**

1. Written Expression

ENGL115, 215

2. Communication

COMM104 or 450

### **Mathematics and Computer Science—5-8**

1. Mathematics

MATH165

2. Computer Science

INFS110 Computer Tools (or competency exam)

EDTE476

### **Wellness—3**

HLED130 plus two activity courses

### **Service—2**

EDTE215 plus field work

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**THE PLANNED PROGRAM MINOR**

The planned program minor consists of a group of courses related to teaching in the elementary school. All courses listed must be completed either in the Planned Program minor or in other areas of the degree requirements. The total credits in the planned program must be at least 20 credits.

EDTE328, 418, 420, 457, one of PE Methods, MUED456 Music in the Elementary School or ART457 Art Methods: Elementary, EDTE476, 480, 484, ENGL407, GEOG110 or 240, MATH165.

**CONTENT MAJORS AND MINORS FOR ELEMENTARY EDUCATION**

The Bachelor of Science in Elementary Education program must include one subject content major or two minors selected from the approved list below. When two minors are chosen, they should be chosen from different groups and one should be a starred (\*) subject area.

The required courses for an approved major or minor in General Science, Language Arts, Reading, and Social Studies are listed below. All other approved majors and minors are listed and described under the appropriate department in the College of Arts and Sciences section of this bulletin.

<b>Subject Areas</b>	<b>Majors</b>	<b>Minors</b>
Group A: Religion		
Religion (for SDA certification only)		20
Group B: Language Arts		
Communication (Speech)		20
Language Arts*	36	24
Reading (K-12)*		20
Group C: Social Studies		
Geography*		20
History*		20
Social Studies*	38	24
Group D: Science/Health, Math		
Biology*	40	24
Chemistry		20
General Science*	36	24
Mathematics*	30	20
Physics		20
Group E: Supporting Areas		
Art		24
Bilingual Education in French or Spanish (added endorsement only)		24
Behavioral Science (fourth minor only)		24
French		20
Music Education	36	25
Physical Education		20

**General Science Major—36**

The Michigan Department of Education requirements for this major will be changing within the next two years. All students with this major will be expected to meet the requirements in effect for this major at the time of graduation. Contact your advisor for further details.

Advising for this major is done by the Department of Teaching and Learning.

**Required courses:****Life Science/Biology—6-8 credits**

BIOL208, choose one from BIOL100, 111, 165

**Physical Science—6 credits minimum**

CHEM110, PHYS115

**Earth/Space Science—9 credits minimum**

BIOL330, GEOG240, PHYS110

**Math & Technology—5 credits minimum**

MATH165, EDTE476

**Electives chosen by advisement from the above areas to complete the requirements.**

**Language Arts Major—36**

Advising for this major is done by the Department of Teaching and Learning.

**Required courses:**

COMM280, 450, EDTE418, ENGL250, 267, 300, 407, SPPA435; two courses from ENGL270, 375, 376, 378; one from ENGL438, 454 or 467. Remaining credits from COMM320, 436, 456, EDTE420, 484, ENGL445, 460, SPPA234, 321.

**Social Studies Major—38**

The Michigan Department of Education requirements for this major have changed since this bulletin went to press. All students with this major will be expected to meet the requirements in effect for this major at the time of graduation. Contact your advisor for further details.

Advising for this major is done by the Department of History and Political Science.

**Required courses:**

ECON225, 226, GEOG110, 260, HIST117, 118, 204, 205, 404, 490, PLSC104, 307, EDTE457-Social Studies. Remaining credits may be chosen from history, political science, geography, and economics.

**General Science Minor—24**

The Michigan Department of Education requirements for this minor will be changing within the next two years. All students with this minor will be expected to meet the requirements in effect for this minor at the time of graduation. Contact your advisor for further details.

Advising for this minor is done by the Department of Teaching and Learning.

**Life Science/Biology—6 credits**

BIOL100, 111 and 208

**Physical Science—minimum 6 credits**

CHEM110, PHYS115

**Earth/Space Science—minimum 6 credits**

Select from: BIOL330, GEOG240, PHYS110

**Math & Technology—minimum 3 credits**

MATH165

Electives by advisement.

**Language Arts Minor—24**

Advising for this minor is done by the Department of Teaching and Learning.

COMM450, EDTE418, ENGL250, 267, 300, 407, one of ENGL270, 378; select remaining courses from COMM280, 436, EDTE420, 484, ENGL454, 460, SPPA234, 321, 435.

## Reading Minor—20

The Michigan Department of Education requirements for this minor will be changing within the next two years. All students with this minor will be expected to meet the requirements in effect for this minor at the time of graduation. Contact your advisor for further details.

### Required courses:

EDTE417, 418, 420, 460, 484, 485.

Choose electives from COMM280, EDTE160, 164, 438, 460, 499, ENGL407, 408, 460, SPPA234, 321

- Approved subject content teaching major\*
- Approved subject content teaching minor\*
- Pass the MTTC subject area exams for both major **and** minor
- Be recommended for certification.

\* *EACH of these areas must have a 2.50 GPA with no grade of C-*

## Social Studies Minor—24

The Michigan Department of Education requirements for this minor will be changing within the next two years. All students with this minor will be expected to meet the requirements in effect for this minor at the time of graduation. Contact your advisor for further details.

Advising for this minor is done by the Department of History and Political Science.

### Required courses:

HIST118, 204, 205, 404, PLSC104, GEOG110, EDTE457-08, and 6 credits from two of the following areas: political science, geography, and economics.

### BA Option

Students may choose the Bachelor of Arts degree with Elementary Certification. The degree is granted by the College of Arts and Sciences. The requirements for the professional education courses and the planned program minor are the same as for a Bachelor of Science. A subject content major may be chosen from the following: Art, Biology, Communication (Speech), English, French, History, Mathematics, Music Education, Physical Education, Religion (for SDA certification only), and Spanish.

### BS (Individualized Program)

This degree may be planned for students who have career goals and/or special interests in the area of education not requiring K-12 teaching credentials. Two main parts constitute this degree: (1) an appropriate general education component and (2) an interdepartmental area of concentration totaling at least 66 credits, 20 of which must be education course credits. Admittance to the program or transfer from another program must be granted by program faculty before any education courses may be taken.

## Secondary Certification with a BS or a BA Degree

Students preparing for teaching in secondary schools (grades 7-12) may choose from either the Bachelor of Arts or the Bachelor of Science degree programs. These degrees are granted by the College of Arts and Sciences, School of Education, and College of Technology.

### Michigan Department of Education Definition of Program Completers

To qualify for certification, Secondary Education students must complete the following:

- General education core
- Professional education courses\*

minors are described under their respective departments in other sections of this bulletin.

### General Science Major—38

The Michigan Department of Education requirements for this major will be changing within the next two years. All students with this major will be expected to meet the requirements in effect for this major at the time of graduation. Contact your advisor for further details.

Advising for this major is done by the Department of Teaching and Learning.

The General Science major requires 38 semester credits. To complete the General Science major students complete courses in **three** of the four content area groups listed below. The student must complete a subject minor in the fourth area. Currently, minors in Biology, Chemistry and Physics are approved for certification.

**Biology—minimum 10 credits**

BIOL165, 166

**Chemistry—minimum 8 credits**

CHEM131, 132

**Physics—minimum 8 credits**

PHYS141, 142

**Earth/Space Science—minimum 12 credits**

BIOL330, 348, PHYS110, GEOG240

**Required Cognate**

MATH165

Electives, as approved by advisement, from these content areas to complete requirements.

### Social Studies Major—50

The Michigan Department of Education requirements for this major will be changing within the next two years. All students with this major will be expected to meet the requirements in effect for this major at the time of graduation. Contact your advisor for further details.

Advising for this major is done by the Department of History and Political Science.

**Requirements:** ECON225, 226, GEOG110, 260, HIST 117, 118, 204, 205, 404, 459, 490, PLSC104, 307. *Remaining credits may be chosen from history, political science, geography, or economics.*

### Reading Minor—20

The Michigan Department of Education requirements for this minor will be changing within the next two years. All students with this minor will be expected to meet the requirements in effect for this minor at the time of graduation. Contact your advisor for further details.

See section for Reading Minor in BS in Elementary Education on p. 240.

## THE TEACHER EDUCATION PROGRAM AND CERTIFICATION PROCEDURES

**Admission to the Teacher Preparation Program.** The application for admission to the teacher preparation program should be submitted by undergraduate students during their sophomore year while completing EDTE215. This should be done by transfer students and by Master of Arts in Teaching (MAT) students during the first semester of enrollment. Applications are considered biannually by the Certification, Screening, and Petitions Committee.

Before being admitted, students must meet the criteria for admission listed below:

- Take the following tests: ACT or SAT, and Andrews Mathematics Department placement examination. Take additional courses as indicated by exam results.
- Satisfactorily complete EDTE215.
- Choose appropriate teaching major and/or minor(s).
- Pass the *MTTC Basic Skills Test*.

- The application is considered by the Certification, Screening, and Petitions Committee.
- Before being accepted, students must have met the criteria for admission listed below.
  1. Be admitted to the teacher preparation program.
  2. Complete EDPC302 and EDTE408 (MAT students: EDTE408 or EDPC514 and EDCI565).
  3. Submit an acceptable plan for completing program requirements.
  4. Submit an acceptable plan for taking the *Michigan Subject Area Tests*.
  5. Maintain a minimum GPA as outlined in the criteria for admission to teacher preparation.
  6. Submit a recommendation from the Department of Teaching and Learning for elementary- and secondary-school applicants, and a recommendation from the subject area major department for secondary applicants.

#### **Admission to Student Teaching Semester**

1. The director of student teaching presents to the Certification, Screening, and Petitions Committee the prospective student teacher's candidacy for clearance to begin student teaching.
2. This clearance should be made the semester before the student begins the student teaching experience.
3. Before being cleared for student teaching, students must meet the following criteria:
  - Be admitted to student teaching candidacy
  - Successfully complete the approved course of study
  - Submit plans for taking the *MTTC Subject Area Tests*.
4. Maintain a minimum GPA as required for admission to the teacher preparation program.
5. Have clearance in regard to felony and misdemeanor conviction as an adult. A new form must be signed at this time even though one was filed previously.

**Student Teaching Placement Process.** Elementary and secondary student-teaching placements are available in private or public schools. Specific assignments are made after consultation with the director of student teaching who makes all contacts and arrangements with the schools. Student preferences are considered, but not necessarily honored.

The placement interview with prospective student teachers and admission to the student teaching program take place at least one semester before student teaching begins, though preferably in February of the preceding year. It is the student's responsibility to make contacts with the director of student teaching and cooperate in

- 4. Professional education courses. (The averages include all courses taken at Andrews University and those transferred from other institutions.)
  - Earn grades of C or above in courses in all courses in
    1. Professional education
    2. Major(s)
    3. Minor(s), and
    4. Areas of concentration.
  - Pass *MTTC* subject area exams
  - Complete student teaching with a positive recommendation from the supervising teacher
  - Obtain a positive recommendation for certification from a faculty member in the Department of Teaching and Learning
  - Have a clearance in regard to felony or misdemeanor conviction as an adult\*
  - Have Official Transcripts sent directly to the Certification Registrar in the Department of Teaching and Learning.
- \*Forms for clearance purposes are available at the Department of Teaching and Learning.

**Application for a Teaching Certificate.** In their final year, while applying for graduation, students must also apply for the teaching certificate which is granted after graduation. The application is filed on forms available at the Teacher Certification Office located in the Department of Teaching and Learning. Andrews University recommends those applicants who qualify for certification. Students qualifying for Seventh-day Adventist certification receive a *Verification of Eligibility Certificate* that is honored by the union in which they first accept a teaching position. A recommendation for a Michigan Provisional Teaching Credential is also submitted to the Michigan Department of Education. The State of Michigan bills the recommended applicant for a Provisional Teaching Certificate. The amount billed must be paid directly to the state before the certificate is issued.

Further information on teaching credentials, SDA certification, State of Michigan certification, updating original certificates, and adding endorsements can be found on pp. 246-247.

**GRADUATION REQUIREMENTS**

- In addition to meeting the general requirements for a baccalaureate degree on p. 25, students who seek baccalaureate degrees with elementary or secondary certification must
- Complete requirements for approved major, minor(s), and professional education courses as described under each specific degree (Due to scheduling complexities, students seeking certification may take more than four years to complete a degree.)
  - Maintain a minimum GPA of 2.50 overall, and a 2.50 in the following:
    1. Major(s)
    2. Minor(s)
    3. Area of concentration
    4. Professional education courses
    5. Overall course work. (The averages include all courses taken at Andrews University and those transferred from other institutions.)
  - A 2.00 minimum GPA in all other credits earned at Andrews University
  - Complete the Senior Exit examination, which serves as the senior-level evaluation
  - Take a minimum of 30 of the last 37 semester credits earned in residence immediately preceding conferral of degrees (Permission must be given by the dean to take up to 10 credits anywhere other than at Andrews University.)
  - Be eligible for either Michigan Teacher Certification or an SDA

- Basic Teaching Credential (This item applies to BS Elementary Education candidates and BS Secondary General Science majors.)
- Submit a formal request for graduation, approved by the student’s advisor, the certification registrar, and a designated records officer.

**TEACHING AND LEARNING GRADUATE PROGRAMS**

<b>Graduate Degree Programs and Certification Programs</b>	<b>Credits</b>
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<i>Graduate Teacher Certification and Endorsement Programs</i> (Elem) SDA and MI Certification Master of Arts in Teaching	variable
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**Master of Arts in Teaching**

This flexible, professional degree program is designed to meet the needs of a wide range of individuals. Typical MAT students belong to one of the following categories:

1. Persons who have earned a bachelor’s degree and are now seeking teacher certification at the elementary or secondary level
2. Persons who hold teacher certification and are seeking an additional certificate at another level
3. Persons who hold an elementary teaching certificate and want to broaden their professional training with a series of practical, field-focused and/or content courses
4. Persons who hold a secondary teaching certificate and want to strengthen or add a specific subject area endorsement.

Candidates for the MAT degree must have or qualify for a valid Seventh-day Adventist or State of Michigan teaching certificate or its equivalent before the degree can be granted. Therefore, the 32 credits listed for the completion of this degree should be viewed as the minimum number of hours required for the MAT. Persons who enter the MAT program without a teaching certificate should expect to complete more than 32 credits. The certification registrar evaluates transcripts and identifies specific certification requirements for each student needing certification.

Three specialization options are available in the MAT program:

- An elementary education emphasis
- A secondary education emphasis
- A specific secondary content area (biology, English, English as a second language, history, and modern languages) emphasis.

**Prerequisites**

1. An undergraduate degree with a major and/or a minor(s) in teaching area(s).
2. Six credits covering such basic areas as educational philosophy, educational psychology, instruction, and evaluation. If not previously taken at the undergraduate level, the 6 credits may be taken at the graduate level but do not necessarily apply toward the graduate degree program.

### **Michigan Department of Education Definition of Program Completers**

To qualify for graduation and certification, MAT students seeking their initial **elementary teaching** certificate must complete the following:

- A bachelor's degree
- Professional education courses\*
- Planned program minor\*
- Approved subject content major or two minors\*
- Pass the *MTTC Elementary Education Exam* (subject area exams are optional)
- Be recommended for certification.

\* *EACH of these areas must have a 2.50 GPA.*

To qualify for graduation and certification, MAT students seeking their initial **secondary teaching** certificate must complete the following:

- A bachelor's degree
- A professional education courses\*
- Approved subject content teaching major\*
- Approved subject content teaching minor\*
- Pass the *MTTC* subject area exams for both major and minor
- Be recommended for certification.

\* *EACH of these areas must have a 2.50 GPA.*

### **MAT Program Procedures**

- Apply for admission to the Andrews University School of Education
- Request evaluation of transcripts by the certification registrar\*
- Develop a course plan in collaboration with advisor
- Take initial classes during the first semester
- Take the Basic Skills section of the *MTTC* during first semester\*
- Apply for admission to the teacher preparation program during the first semester (see p. 243)\*
- Continue course work
- Apply for admission to Student Teaching Candidacy (see p. 244)\*
- Take the Content Area section(s) of the *MTTC*\*
- Complete course work, including EDTE588 and 688.
- Apply for teaching certificate (see p. 244).

\* *Berrien Springs campus students only.*

### **REQUIRED COURSES**

#### **Educational Foundations—2-3**

EDFN500 or EDTE410

#### **Professional Education Core—15-18**

EDCI547, 565 or EDTE408, EDPC514, 525, EDTE459 or EDTE457-06 & 08 or EDTE457-06 & 09, 698

#### **Specialization and Electives—14-17**

A minimum of 8 credits in the area of specialization must be 500-level courses or higher. Choose one of the following areas of specialization.

**Elementary Education Specialization.** Students select courses in consultation with their advisor from those required for certification. If the student already has an elementary teaching certificate, courses are chosen from professional education and/or content courses to meet the student's specific goals.

**Secondary Education Specialization.** Students select courses in consultation with their advisor from those required for certification. Students who already have a secondary teaching certificate may choose between a content area specialization or professional education as described below.

**Secondary Content Specialization.** Students select courses in consultation with a content area advisor. Students should note the specific subject area requirements in the appropriate section of this bulletin. Requirements vary.

### **Eligibility for Certification—variable\***

Students who enter the MAT program without teacher certification must qualify for a teaching certificate to complete the degree. See specific certification requirements below.

### **TOTAL degree credits—32\*\***

\* Course requirements for persons seeking their first teaching certificate vary slightly from those who already have a teaching certificate.

\*\* A minimum of 12 must be 500-level or higher. Students who enter the MAT program without a teaching certificate typically must complete more than 32 to qualify for a teaching certificate.

### **Research Projects, Field Work, and Comprehensive Examinations.**

A project is required, and field work and comprehensives may be required at the discretion of the subject specialization advisor and/or the professional education advisor. See Application for a Teaching Certificate on p. 245.

### **Residency Requirements for Certification.**

Non-Andrews University graduates must complete at least 14 credits in residence to qualify for a recommendation for a teaching certificate, endorsement, or a renewal of a certificate.

## **Graduate Certificate: Reading/Literacy Education**

### **MISSION**

A Graduate Certificate in Reading/Literacy Education prepares teachers and clinicians to enrich and improve the quality of life of all individuals through literacy.

The program is designed to provide a planned sequence of



The Master of Arts: Reading Education prepares students for work as reading consultants, supervisors in reading instruction, or

**Procedures for Adding Another Level of Certification—  
Elementary or Secondary**



- EDTE408** (2) multi-grade classrooms. Includes an introduction to NAD administrative and curriculum materials designed for multi-age/multi-grade schools. 50 hours field experience. *Fall, Spring* (workshop must be attended Spring)
- Principles of Teaching and Learning**  
Basic techniques of instruction, planning, and classroom management. Emphasis is on acquisition and application of an instructional framework and basic classroom management. Field experience. Honors section available. *Fall, Spring*
- EDTE410** (2) **Elementary Methods: Area**  
Application of principles of effective instruction to specific subjects: Art, Health/Science, Mathematics, Physical Education, Reading/ Language Arts, Religion or Character Education, Social Studies, and Art. An introduction to the curriculum of K-8  
fctit6
- Philosophical and Ethical Issues in K-12 Education**  
An exploration of philosophical/ethical assumptions underlying different education philosophies. Students analyze educational philosophies from a Christian perspective and study the implications of school law on educational practice. 20 hours field experience. Honors section available. *Spring* (odd years), *Summer* (even years).  
Application of principles of ef
- EDTE416** (3)  
**Individualized Reading Instruction**  
Prepares the teacher to set up a direct instruction format for mastery teaching of reading to individuals using the basal Life Series. Students are introduced to the management system developed by the Exemplary Center for Reading Instruction to teach vocabulary, spelling, penmanship, and discussion techniques. Field experience required. *Offered on extension campuses only.*
- EDTE417** (3)  
**Teaching Reading in the Secondary Content Areas**  
Methods for teaching content area reading to secondary students and adults, strategies for effective content lessons, application of basic skills, vocabulary comprehension, and study skills within subject areas. Includes objectives and methods, reading problems of adolescents and adults, and selection and development of materials. 30 hours field experience. Prerequisites: EDPC302, EDTE408. *Spring, Alternate Summers*
- EDTE418** S (3)  
**Teaching Beginning Reading**  
Application of principles of effective instruction to early literacy acquisition. Focuses on balanced, explicit instruction approaches. Field experience included in class meeting time. Prerequisites: EDPC302, EDTE408. *Fall*
- EDTE420** S (2)  
**Literacy Intervention Strategies**  
Assessment and methods for prevention and remediation of reading problems. Useful for class room and clinical settings. Field experience included in class meeting time. Prerequisites: EDPC302, EDTE408. *Spring*
- EDTE424** (2)  
**Classroom Testing and Evaluation**  
Writing instructional objectives; preparing classroom tests to measure the attainment of those objectives; concepts of reliability and validity; simple item analysis; interpreting data from standardized tests and other data in cumulative folders; sociometric procedures; grading and reporting. Prerequisite: Admission to Student Teaching. Corequisite: EDTE480. *Summer*
- EDTE438** (1-3)  
**Workshop: \_\_\_\_\_**  
Repeatable with different topics. Credit to be announced with topic in advance. May be graded S/U. *As scheduled*
- EDTE438** (option) (1)  
**Workshop: Multi-grade/Multi-age Education**  
Techniques, practices and strategies appropriate for multi-age/

**EDTE476** (1-3)  
**Methods for Integrating Instructional Technology: Topic**  
This seminar focuses on the use of a wide variety of instructional technology and media to support student learning. Repeatable with different topics. Two credits required for initial certification. Prerequisites: EDTE408. May be graded S/U. *Fall, Spring, Summer*

**Regularly Scheduled Topics:**

Computers in the Classroom (1-3)  
Teaching with Internet (1) & Online Adventures (1-2)  
Presentation Software for Teachers (1)  
Hyperstudio in the Classroom (1)  
Web-authoring for Teachers (1)  
Electronic Portfolio Development (1)  
MCOATT Preparation (1)

**EDTE478** (0)  
**Professional Development Seminar**  
This seminar series presents issues of import to K–12 teachers. Students attend a minimum of eight (8) seminar presentations during the Junior and Senior years. Prerequisite: Admission to Andrews University Teacher Preparation Program. May be graded S/U. *Fall, Spring*

**EDTE480** (1-4)  
**First Days of School Experience**  
An intensive, comprehensive, 5-week, full-time field experience beginning in mid-August. Integrates the study and application of (1) procedures for classroom testing, evaluation, and assessment; (2) strategies for classroom and pupil management; (3) guidelines for beginning the school year successfully. Required prior to student teaching. Field experience. Prerequisite: Admission to Student Teaching. *Summer*

**EDTE484** (2)  
**Developmental Reading**  
Prepares upper-elementary and middle-school teachers in the techniques of developmental reading and other language arts components. Emphasis on the teacher as decision maker. Includes whole-language techniques, direct instruction of comprehension strategies, components of the Life Series basals, the reading-writing connection, and practice in writing workshop methodology. Field experience included in class meeting time. Corequisite: EDTE457:05 Elementary Methods: Language Arts/Reading. Prerequisites: EDPC302, EDTE408. *Spring*

**EDTE485** Alt (1-4)  
**Advanced Methods for Elementary Classroom Literacy**  
Methods and materials for literacy teaching in grades K-8. Ways to organize the reading/language arts program to integrate reading, writing, speaking, and listening. Deals with meeting needs of individual learners within a classroom program. Field experience. Prerequisite: EDTE418 or 484. *Fall alternate years*

**EDTE487** (1)  
**Student Teaching Seminar**  
A weekly seminar for student teachers. Corequisite: EDTE488. *Fall, Spring*

**EDTE488** (1-15)  
**Student Teaching (Level)**  
The student-teaching experience requires full participation in an elementary (K-8) or secondary (7- 12) school. Emphasis is on application of teaching theory in the classroom with supervision and feedback. Prerequisites: Admission to Student Teaching. Corequisite: EDTE487 or 588. *Fall, Spring*

**EDTE499** (1-3)  
**Independent Study:** \_\_\_\_\_  
Individual research and study under the guidance of an instructor. A minimum of 45 clock hours of study time expected per credit. Limited to students pursuing topics in education. Prior approval by the advisor and instructor. May be graded S/U. *Fall, Spring, Summer*

**EDTE588** (1-10)  
**Graduate Student Teaching: Level**  
Instructional and/or supervisory experience in an elementary (K-8) or secondary (7-12) school under supervision. Prerequisites: Admission to Student Teaching. Corequisite: EDTE487. Graded S/U. *Fall, Spring*

**EDTE630** (1-4)  
**Seminar:** \_\_\_\_\_  
Seminar in specific topics relevant to teacher education. Each seminar examines one topic in detail. Repeatable with different topics. May be graded S/U. *Summer*

**Topics:**  
**EDTE630:03**  
**Seminar: Reading**  
Reading Seminar is taken near the end of the student's program. It examines leadership for change in literacy instruction, staff development and presentation skills. Students choose other topics to round out their program. *Spring, Alternate Summers*

**EDTE630:05**  
**Seminar: Classroom Testing and Evaluation**

**EDTE630:06**  
**Seminar: Classroom Management**

**EDTE648** (1-3)  
**Workshop:** \_\_\_\_\_  
Repeatable with different topics. Credit to be announced with topic in advance. May be graded S/U. *As scheduled*

**EDTE690** (1-3)  
**Independent Study:** \_\_\_\_\_  
Individual research and study under the guidance of an instructor. A minimum of 60 clock hours of study time expected per credit. Limited to students pursuing topics in education. Prior approval by the advisor and instructor. May be graded S/U. *Fall, Spring, Summer*

**EDTE698** (1-3)  
**Field Project**  
Designed primarily for MAT students as a culminating experience in their program. Students are expected to make practical application of educational theory. Permission of program advisor and project instructor required. *Fall, Spring, Summer*