

EDUCATION: SECONDARY EDUCATION (EDSC)

EDSC F110 **Becoming a Middle/High School Teacher**

1 Credit

Offered Fall and Spring

This course familiarizes students with requirements for becoming a middle or high school teacher. Advisors from the School of Education, guest presenters from area school districts address issues pertaining to licensure and teaching. Current issues in secondary teaching are addressed. Participation in a secondary classroom is required.

Lecture + Lab + Other: 1 + 0 + 0

EDSC F205 **Introduction to Secondary Education**

3 Credits

Offered Spring

Introduction to the profession of teaching in middle/high school. Incorporates historical, cultural and sociological factors, with attention to the Alaska context influencing current practice. Students will have the opportunity to explore current issues and reform facing educators today and to observe master teachers in the field.

Prerequisites: WRTG F111X; sophomore standing.

Lecture + Lab + Other: 3 + 0 + 0.5

EDSC F407 **Developing Literacy in the Content Areas**

3 Credits

Offered Fall and Summer

Preparation for secondary teachers (middle school, junior, and senior high school) to integrate listening, speaking, reading, writing and viewing strategies into a content area of the classroom. Candidates examine and evaluate learning theories related to literacy development and varied methods of instruction and assessment to help design and develop an appropriate pedagogical model for teaching.

Recommended: Completion of a freshman academic writing course; EDSC F205 or EDSC F415; junior standing.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F414 **Learning, Development and Special Needs Instruction**

3 Credits

Offered As Demand Warrants

Survey of learning theory, adolescent development and special needs instruction. Attention will be given to the cognitive, social and moral theories of development, and to current theories of learning. Consideration will be given to cultural and individual differences among learners including those with special needs. Completion of EDSC F205 or EDSC F415 is recommended prior to enrollment in this course.

Prerequisites: WRTG F111X; junior standing or above.

Stacked with EDSC F614.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F415 **Foundations of Modern Educational Practice**

3 Credits

Offered Fall and Summer

Historical, political, sociological and curricular foundations of secondary education in the U.S. with particular attention to Alaska. For pre-service teachers to understand and reflect on the teaching profession at the secondary level and to explore current issues and controversies confronting education at national, state and local levels.

Prerequisites: WRTG F111X; sophomore standing.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F431 **Secondary Instruction and Assessment in the Content Area**

3 Credits

Offered As Demand Warrants

Methodologies of instruction and assessment in the candidate's specific content area. Course is taught by content specialists. Discusses current issues, methodologies and teaching strategies specific to the various disciplines. A maximum of nine credits may be earned.

Prerequisites: Admission to the secondary post-baccalaureate licensure program.

Stacked with EDSC F631.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F432 **English/Language Arts Secondary Instruction and Assessment**

3 Credits

Offered Fall

Methodologies of instruction and assessment in English/language arts. Course is taught by content specialists. Includes discussion of current issues, methodologies and teaching strategies specific to English/language arts.

Prerequisites: Admission to the Internship year.

Stacked with EDSC F632.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F433 **Mathematics Secondary Instruction and Assessment**

3 Credits

Offered Fall

Methodologies of instruction and assessment in mathematics. Course is taught by content specialists. Includes discussion of current issues, diverse methodologies and practical application lessons for teaching mathematics.

Prerequisites: Admission to Internship year.

Stacked with EDSC F633.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F434 **Science Secondary Instruction and Assessment**

3 Credits

Offered Fall

Methodologies of instruction and assessment in science. Course is taught by content specialists. Includes discussion of current issues, diverse methodologies, inquiry-based lessons, laboratory experiences and field trips for teaching science.

Prerequisites: Admission to Internship year.

Stacked with EDSC F634.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F435 **Social Studies Secondary Instruction and Assessment**

3 Credits

Offered Fall

Methodologies of instruction and assessment in social studies. Course is taught by content specialists. Includes discussion of current issues, diverse methodologies, project-based activities and community-as-laboratory experiences for teaching social studies.

Prerequisites: Admission to the Internship year.

Stacked with EDSC F635.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F436 Art Secondary Instruction and Assessment

3 Credits

Offered Fall

Methodologies of instruction and assessment in art. Course is taught by content specialists. Includes discussion of current issues, methodologies and teaching strategies specific to arts.

Prerequisites: Admission to Internship year.

Stacked with EDSC F636.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F437 World Language Secondary Instruction and Assessment (a)

3 Credits

Offered Fall

Methodologies of instruction and assessment in world languages. Course is taught by content specialists. Includes discussion of current issues, diverse methodologies, and current application of teaching strategies and assessment specific to world languages.

Prerequisites: Admission to the Internship year.

Stacked with EDSC F637.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F442 Technology Applications in Education I

1 Credit

Offered Fall

The course focuses on Initial instruction in educational technology and applications as a resource for the delivery of instruction to enhanced student learning. The course is designed to introduce participants to technology tools to create, implement and assess instructional material in a variety of media. Participants will set up a professional electronic portfolio that demonstrates professional development and achievement relative to the ISTE National Technology Standards for Students and Teachers, Alaska Education Standards, and integrated with Standards for Culturally Responsive Schools.

Prerequisites: Admission to the Internship year.

Stacked with EDSC F642.

Lecture + Lab + Other: 1 + 0 + 0

EDSC F443 Technology Application in Education II

2 Credits

Offered Spring

The course is designed to increase participants' use of technology tools to create and implement instructional material in a variety of media to support and assess learning. Participants will develop an electronic portfolio that demonstrates professional development and achievement relative to the ISTE National Technology Standards for Students and Teachers, Alaska Education Standards and integrated with Standards for Culturally Responsive Schools.

Prerequisites: Successful completion of EDSC F442.

Stacked with EDSC F643.

Lecture + Lab + Other: 2 + 0 + 0

EDSC F457 Multicultural Education and School-community Relations

4 Credits

Offered Spring

Focuses on the philosophy and theories underlying multicultural education as well as the development of positive school community relationships. Encourages pre-service educators to identify their own philosophy and culture and to recognize their cultural background as they instruct, assess and manage their students. Helps educators clarify the value of diversity in the classroom setting. Candidates discern the influence of diversity factors on students' educational careers and the value of diversity to the Alaskan community. Acquaints candidates with teaching in rural Alaska. Explores models for effective teaching, means of village socialization, cultural information and programs that are particularly effective in rural and small school settings.

Prerequisites: Admission to Internship year.

Stacked with EDSC F657.

Lecture + Lab + Other: 3 + 0 + 1

EDSC F458 Classroom Organization and Management

3 Credits

Offered Fall

Focus on establishment of a positive learning environment, development of a successful discipline plan consistent with an educator's philosophy of education and a review of the major discipline models. Candidates will examine the role that factors such as culture, gender, interest, ability and exceptionality play in student's behavior. Techniques to maintain positive student-teacher interactions in the classroom and establish a positive relationship with parents. Developing strategies to incorporate local knowledge and community culture in to classroom practice. Field experience required. Completion of EDSC F205 or EDSC F415 is recommended prior to enrollment in this course.

Prerequisites: WRTG F111X; junior standing or above.

Stacked with EDSC F658.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F471 Secondary Teaching: School Internship I and Seminar

3 Credits

Offered Fall

Supervised observation and teaching in secondary schools approved by the School of Education. Seminar topics may include special attention to school-community relations, special needs, curriculum development, teaching strategies and the integration of technology across the curriculum. The School of Education may limit enrollment, determine assignments and cancel registration of candidates doing unsatisfactory work.

Prerequisites: Admission to secondary post-baccalaureate licensure program.

Stacked with EDSC F671.

Lecture + Lab + Other: 1 + 3 + 15

EDSC F472 Secondary Teaching: School Internship II and Seminar (0)

3-9 Credits

Offered Spring

Supervised observation and teaching in secondary schools approved by the School of Education. Seminar topics may include special attention to school-community relations, special needs, curriculum development, teaching strategies and the integration of technology across the curriculum. Credits may be added upon completion of designated special projects developed by students and faculty. The School of Education may limit enrollment, determine assignments and cancel registration of candidates doing unsatisfactory work.

Prerequisites: COJO F131X or COJO F141X; admission to the secondary post-baccalaureate licensure program.

Stacked with EDSC F672.

Lecture + Lab + Other: 1 + 6 + 29

EDSC F614 Learning, Development and Special Needs Instruction

3 Credits

Offered As Demand Warrants

Survey of learning theory, adolescent development and special needs instruction. Attention will be given to the cognitive, social and moral theories of development, and to current theories of learning. Consideration will be given to cultural and individual differences among learners including those with special needs. Completion of EDSC F205 or EDSC F415 is recommended prior to enrollment in this course.

Stacked with EDSC F414.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F631 Secondary Instruction and Assessment in the Content Area

3 Credits

Offered As Demand Warrants

Methodologies of instruction and assessment in the candidate's specific content area. Course is taught by content specialists. Discusses current issues, methodologies and teaching strategies specific to the various disciplines. A maximum of nine credits may be earned.

Prerequisites: Admission to the secondary post-baccalaureate licensure program.

Stacked with EDSC F431.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F632 English/Language Arts Secondary Instruction and Assessment

3 Credits

Offered Fall

Methodologies of instruction and assessment in English/language arts. Course is taught by content specialists. Includes discussion of current issues, methodologies and teaching strategies specific to English/language arts.

Prerequisites: Admission to Internship year.

Stacked with EDSC F432.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F633 Mathematics Secondary Instruction and Assessment

3 Credits

Offered Fall

Methodologies of instruction and assessment in mathematics. Course is taught by content specialists. Includes discussion of current issues, diverse methodologies and practical application lessons for teaching mathematics.

Prerequisites: Admission to Internship year.

Stacked with EDSC F433.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F634 Science Secondary Instruction and Assessment

3 Credits

Offered Fall

Methodologies of instruction and assessment in science. Course is taught by content specialists. Includes discussion of current issues, diverse methodologies, inquiry-based lessons, laboratory experiences and field trips for teaching science.

Prerequisites: Admission to the Internship year.

Stacked with EDSC F434.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F635 Social Studies Secondary Instruction and Assessment

3 Credits

Offered Fall

Methodologies of instruction and assessment in social studies. Course is taught by content specialists. Includes discussion of current issues, diverse methodologies, project-based activities and community-as-laboratory experiences for teaching social studies.

Prerequisites: Admission to Internship year.

Stacked with EDSC F435.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F636 Art Secondary Instruction and Assessment

3 Credits

Offered Fall

Methodologies of instruction and assessment in art. Course is taught by content specialists. Includes discussion of current issues, methodologies and teaching strategies specific to arts.

Prerequisites: Admission to Internship year.

Stacked with EDSC F436.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F637 World Language Secondary Instruction and Assessment (a)

3 Credits

Offered Fall

Methodologies of instruction and assessment in world languages. Course is taught by content specialists. Includes discussion of current issues, diverse methodologies, and current application of teaching strategies and assessment specific to world languages.

Prerequisites: Admission to the Internship year.

Stacked with EDSC F437.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F642 Technology Applications in Education I

1 Credit

Offered Fall

The course focuses on Initial instruction in educational technology and applications as a resource for the delivery of instruction to enhanced student learning. The course is designed to introduce participants to technology tools to create, implement and assess instructional material in a variety of media. Participants will set up a professional electronic portfolio that demonstrates professional development and achievement relative to the ISTE National Technology Standards for Students and Teachers, Alaska Education Standards, and integrated with Standards for Culturally Responsive Schools.

Prerequisites: Admission to the Internship year.

Stacked with EDSC F442.

Lecture + Lab + Other: 1 + 0 + 0

EDSC F643 Technology Application in Education II

2 Credits

Offered Spring

The course is designed to increase participants' use of technology tools to create and implement instructional material in a variety of media to support and assess learning. Participants will develop an electronic portfolio that demonstrates professional development and achievement relative to the ISTE National Technology Standards for Students and Teachers, Alaska Education Standards and integrated with Standards for Culturally Responsive Schools.

Prerequisites: Successful completion of EDSC F642.

Stacked with EDSC F443.

Lecture + Lab + Other: 2 + 0 + 0

EDSC F657 Multicultural Education and School-community Relations

4 Credits

Offered Spring

Focuses on the philosophy and theories underlying multicultural education as well as the development of positive school community relationships. Encourages pre-service educators to identify their own philosophy and culture and to recognize their cultural background as they instruct, assess and manage their students. Helps educators clarify the value of diversity in the classroom setting. Candidates discern the influence of diversity factors on students' educational careers and the value of diversity to the Alaskan community. Acquaints candidates with teaching in rural Alaska. Explores models for effective teaching, means of village socialization, cultural information and programs that are particularly effective in rural and small school settings.

Prerequisites: Admitted to the Internship year.

Stacked with EDSC F457.

Lecture + Lab + Other: 3 + 0 + 1

EDSC F658 Classroom Organization and Management

3 Credits

Offered Fall

Focus on establishment of a positive learning environment, development of a successful discipline plan consistent with an educator's philosophy of education and a review of the major discipline models. Candidates will examine the role that factors such as culture, gender, interest, ability and exceptionality play in student's behavior. Techniques to maintain positive student-teacher interactions in the classroom and establish a positive relationship with parents. Developing strategies to incorporate local knowledge and community culture in to classroom practice.

Field experience required. Completion of EDSC F205 or EDSC F415 is recommended prior to enrollment in this course.

Stacked with EDSC F458.

Lecture + Lab + Other: 3 + 0 + 0

EDSC F671 Secondary Teaching: School Internship I and Seminar

3 Credits

Offered Fall

Supervised observation and teaching in secondary schools approved by the School of Education. Seminar topics may include special attention to school-community relations, special needs, curriculum development, teaching strategies and the integration of technology across the curriculum. The School of Education may limit enrollment, determine assignments and cancel registration of candidates doing unsatisfactory work.

Prerequisites: Admission to secondary post-baccalaureate licensure program.

Stacked with EDSC F471.

Lecture + Lab + Other: 1 + 3 + 15

EDSC F672 Secondary Teaching: School Internship II and Seminar (0)

3-9 Credits

Offered Spring

Supervised observation and teaching in secondary schools approved by the School of Education. Seminar topics may include special attention to school-community relations, special needs, curriculum development, teaching strategies and the integration of technology across the curriculum. Credits may be added upon completion of designated special projects developed by students and faculty. The School of Education may limit enrollment, determine assignments and cancel registration of candidates doing unsatisfactory work.

Prerequisites: COJO F131X or COJO F141X; admission to the secondary post-baccalaureate licensure program.

Stacked with EDSC F472.

Lecture + Lab + Other: 1 + 6 + 29