# EDUCATION: SECONDARY EDUCATION (EDSC)

**School of Education**  
Secondary Education Program ([https://www.uaf.edu/soe/academics.php](https://www.uaf.edu/soe/academics.php))  
907-474-7341

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Prerequisites</th>
<th>Grading System</th>
<th>Repeatable for Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSC F110</td>
<td>Becoming a Middle/High School Teacher</td>
<td>1 Credit</td>
<td>Fall, Spring</td>
<td>Admission to Internship year.</td>
<td>Letter Grades with option of Plus/Minus</td>
<td>No repeatable for credit</td>
</tr>
<tr>
<td>EDSC F205</td>
<td>Introduction to Secondary Education</td>
<td>3 Credits</td>
<td>Fall</td>
<td>WRTG F111X; sophomore standing.</td>
<td>Letter Grades with option of Plus/Minus</td>
<td>Yes, up to 1 credit</td>
</tr>
<tr>
<td>EDSC F407</td>
<td>Developing Literacy in the Content Areas</td>
<td>3 Credits</td>
<td>Fall, Summer</td>
<td>EDSC F205 or EDSC F415, and junior standing.</td>
<td>Letter Grades with option of Plus/Minus</td>
<td>Yes, up to 1 credit</td>
</tr>
<tr>
<td>EDSC F414</td>
<td>Learning, Development and Special Needs Instruction</td>
<td>3 Credits</td>
<td>As Demand Warrants</td>
<td>WRTG F111X; junior standing or above.</td>
<td>Letter Grades with option of Plus/Minus</td>
<td>No repeatable for credit</td>
</tr>
<tr>
<td>EDSC F415</td>
<td>Foundations of Modern Educational Practice</td>
<td>3 Credits</td>
<td>Fall, Summer</td>
<td>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.</td>
<td>Letter Grades with option of Plus/Minus</td>
<td>No repeatable for credit</td>
</tr>
<tr>
<td>EDSC F431</td>
<td>Secondary Instruction and Assessment in the Content Area</td>
<td>3 Credits</td>
<td>Fall, Summer</td>
<td>Admission to the secondary post-baccalaureate licensure program.</td>
<td>Letter Grades with option of Plus/Minus</td>
<td>No repeatable for credit</td>
</tr>
<tr>
<td>EDSC F432</td>
<td>English/Language Arts Secondary Instruction and Assessment</td>
<td>3 Credits</td>
<td>Fall</td>
<td>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 the various disciplines. A maximum of nine credits may be earned.</td>
<td>Letter Grades with option of Plus/Minus</td>
<td>No repeatable for credit</td>
</tr>
<tr>
<td>EDSC F433</td>
<td>Mathematics Secondary Instruction and Assessment</td>
<td>3 Credits</td>
<td>Fall</td>
<td>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.</td>
<td>Letter Grades with option of Plus/Minus</td>
<td>No repeatable for credit</td>
</tr>
<tr>
<td>EDSC F434</td>
<td>Science Secondary Instruction and Assessment</td>
<td>3 Credits</td>
<td>Fall</td>
<td>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.</td>
<td>Letter Grades with option of Plus/Minus</td>
<td>No repeatable for credit</td>
</tr>
</tbody>
</table>

**Education: Secondary Education (EDSC)**
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-assistant laboratory experiences for teaching social studies.
Prerequisites: Admission to the Internship year.
Stacked with EDSC F635.
Lecture + Lab + Other: 3 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

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
Grading System: Letter Grades with option of Plus/Minus

EDSC F437  World Language Secondary Instruction and Assessment
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
Grading System: Letter Grades with option of Plus/Minus

EDSC F442  Technology Applications in Education I
1 Credit
Offered Fall
Focuses on instruction in educational technology and applications as a resource for the delivery of secondary classroom instruction to enhance student learning. Introduces students to technology tools to create, implement, and assess instructional material in a variety of media relative to International Society for Technology in Education (ISTE) Standards.
Prerequisites: Admission to the Internship year.
Stacked with EDSC F642.
Lecture + Lab + Other: 1 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

EDSC F443  Technology Application in Education II
2 Credits
Offered Spring
Facilitates students’ use of technology tools to create and implement instructional material in a variety of media to support instruction and assess learning. Participants will develop an electronic portfolio that demonstrates professional development and achievement in their student teaching relative to International Society for Technology in Education (ISTE) Standards.
Prerequisites: Successful completion of EDSC F442.
Stacked with EDSC F643.
Lecture + Lab + Other: 2 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

EDSC F457  Multicultural Education and School-community Relations
3 Credits
Offered Spring
Through a distinct Alaska lens, focuses on multicultural education and development of positive school-community relationships. Encourages pre-service educators to identify their own identity, philosophy and culture, and to value students’ identities and cultures as they instruct students. Helps educators clarify the value and impact of diversity on learning and classrooms.
Prerequisites: Admission to Internship year.
Stacked with EDSC F657.
Lecture + Lab + Other: 3 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

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
Grading System: Pass/Fail Grades

EDSC F472  Secondary Teaching: School Internship II and Seminar
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 integration of technology across the curriculum. Credits may be added upon completion of designated special projects developed by students and faculty.
Prerequisites: COM F131X or COM F141X; admission to the secondary post-baccalaureate licensure program.
Stacked with EDSC F672.
Special Notes: The School of Education may limit enrollment, determine assignments and cancel registration of candidates doing unsatisfactory work.
Lecture + Lab + Other: 1 + 6 + 29
Grading System: Pass/Fail Grades
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
Grading System: Letter Grades with option of Plus/Minus

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
Grading System: Letter Grades with option of Plus/Minus

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
Grading System: Letter Grades with option of Plus/Minus

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
Grading System: Letter Grades with option of Plus/Minus

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
Grading System: Letter Grades with option of Plus/Minus

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
Grading System: Letter Grades with option of Plus/Minus

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 the Internship year.

Stacked with EDSC F436.
Lecture + Lab + Other: 3 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

EDSC F637  World Language Secondary Instruction and Assessment
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
Grading System: Letter Grades with option of Plus/Minus

EDSC F642  Technology Applications in Education I
1 Credit
Offered Fall
Focuses on instruction in educational technology and applications as a resource for the delivery of secondary classroom instruction to enhance student learning. Introduces students to technology tools to create, implement, and assess instructional material in a variety of media relative to International Society for Technology in Education (ISTE) Standards.
Prerequisites: Admission to the Internship year.

Stacked with EDSC F442.
Lecture + Lab + Other: 1 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus

EDSC F643  Technology Application in Education II
2 Credits
Offered Spring
Facilitates students’ use of technology tools to create and implement instructional material in a variety of media to support instruction and assess learning. Participants will develop an electronic portfolio that demonstrates professional development and achievement in their student teaching relative to International Society for Technology in Education (ISTE) Standards.
Prerequisites: Successful completion of EDSC F642.

Stacked with EDSC F443.
Lecture + Lab + Other: 2 + 0 + 0
Grading System: Letter Grades with option of Plus/Minus
EDSC F657  Multicultural Education and School-community Relations  
3 Credits
Offered Spring
Through a distinct Alaska lens, focuses on multicultural education and development of positive school-community relationships. Encourages pre-service educators to identify their own identity, philosophy and culture, and to value students' identities and cultures as they instruct students. Helps educators clarify the value and impact of diversity on learning and classrooms.

Prerequisites: Admitted to the Internship year.

Stacked with EDSC F457.

Lecture + Lab + Other: 3 + 0 + 0

Grading System: Letter Grades with option of Plus/Minus

EDSC F658  Classroom Organization and Management  
3 Credits
Offered Fall
Focus on establishment of a positive learning environment through a review of best practices in classroom management. Investigate techniques for positive student-teacher interactions, setting norms and routines, reinforcing expectations, and communicating effectively with parents. Culminates in development of a research-based classroom management plan. Field experience in a secondary classroom required.

Stacked with EDSC F458.

Lecture + Lab + Other: 3 + 0 + 0

Grading System: Letter Grades with option of Plus/Minus

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

Grading System: Pass/Fail Grades

EDSC F672  Secondary Teaching: School Internship II and Seminar  
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 integration of technology across the curriculum. Credits may be added upon completion of designated special projects developed by students and faculty.

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

Stacked with EDSC F472.

Special Notes: The School of Education may limit enrollment, determine assignments and cancel registration of candidates doing unsatisfactory work.

Lecture + Lab + Other: 1 + 6 + 29

Grading System: Pass/Fail Grades