

2024 - 2025 Certificate Map

Secondary Education

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Tempe](#), [West Valley](#), [ASU Sync](#)

Program Requirements

The certificate requires completion of 32 credit hours.

Required Courses -- 18 credit hours

[SPE 222: Orientation to Education of Exceptional Children \(CIVI OR SB & C\)](#) (3)

[TEL 310: Instructional Design and Planning: Instructional Thought and Action](#) (4)

[TEL 317: Instructional Thought and Action: Learning Environment and Management](#) (3)

[TEL 318: Instructional Thought and Action: Assessment for Learning](#) (3)

[TEL 332: Disciplinary Literacy Methods](#) (4)

[TEL 471: Professional Educator Series: The Principled Educator](#) (1)

Methods Course (choose one) -- 3 credit hours

Please consult with MLFTC academic advisor to select appropriate subject methods course.

[BIO 480: Methods of Teaching Biology](#) (3)

[CHM 480: Methods of Teaching Chemistry](#) (3)

[ENG 480: Methods of Teaching English: Composition \(L\)](#) (3)

[ENG 482: Methods of Teaching English: Language \(L\)](#) (3)

[HST 480: Methods of Teaching History: Classroom Resources](#) (3)

[HST 481: Methods of Teaching History: Community Resources](#) (3)

[MTE 485: Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics](#) (3)

[MTE 494: Advanced Methods of Teaching Mathematics in Secondary Schools](#) (3)

[PHY 480: Methods of Teaching Physics](#) (3)

[SED 403: Secondary Principles, Curriculum and Methods](#) (3)

[SED 480: Special Methods of Teaching Social Studies](#) (3)

[SED 482: Science Teaching Methods for Secondary Schools I](#) (3)

[SED 483: Science Teaching Methods for Secondary Schools II](#) (3)

[SES 480: Teaching Earth and Space Sciences](#) (3)

[SED 494: Special Topics](#) (3)

Notes: Secondary English Language Arts Methods - Composition and Digital Literacies

[SED 485: Special Methods of Teaching Social Studies: Community Resources](#) (3)

Required Clinical Experiences -- 11 credit hours

TEL 488: Student Teaching (11)

Recommended Course -- 3 credit hours

BLE 220: Foundations of Structured English Immersion (HUAD OR L) (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.