**Pathways**
ENGLISH LANGUAGE LEARNERS

**ENGLISH (ELIC) LANGUAGE INSTRUCTION FOR COLLEGE**
This program teaches academic language skills to transfer or degree-oriented students who are learners of the English language. Students can take courses in reading/composition, grammar, and listening/speaking.

Please note: Take the Accuplacer ESL test for placement into the program.

**ELIC (ENGLISH LANGUAGE INSTRUCTION FOR COLLEGE)**

**ELIC 20—LOW INTERMEDIATE ACADEMIC READING AND COMPOSITION A**  **4 UNITS**
72 Lecture Hours
Prerequisite: Satisfactory completion of ELW 906 or qualification by MJC assessment process.

Introduction to and development of skills in active reading and composition incorporating analysis, interpretation, use of academic vocabulary, cited sources, and self-editing. Focus is on summary/response reading and text-based compositions of about 300 words. Field trips are not required. Not repeatable. (A-F or P/NP)

**ELIC 21—LOW INTERMEDIATE ACADEMIC READING AND COMPOSITION B**  **4 UNITS**
72 Lecture Hours
Prerequisite: Satisfactory completion of ELIC 20.

Continued development of skills in active reading and composition incorporating analysis, interpretation, use of academic vocabulary, cited sources, and self-editing. Focus is on summary/response reading and text-based compositions of about 400 words. Field trips are not required. Not repeatable. (A-F or P/NP)

**ELIC 22—LOW INTERMEDIATE - INTEGRATED GRAMMAR**  **4 UNITS**
72 Lecture Hours
Prerequisite: Satisfactory completion of ELW 906 or qualification by MJC assessment process.

Low intermediate level grammar course for persons whose first language is not English. Emphasis on application of grammar to writing and increased focus on error awareness and editing skills. Field trips might be required. Not repeatable. (A-F or P/NP)

**ELIC 30—INTERMEDIATE ACADEMIC READING AND COMPOSITION A**  **4 UNITS**
72 Lecture Hours
Prerequisite: Satisfactory completion of ELIC 21 or qualification by the MJC assessment process.

Further development of skills in active reading and composition incorporating analysis, interpretation, use of academic vocabulary, cited sources, and self-editing. Focus is on summary/response reading and text-based compositions of approximately 600 words. Field trips are not required. Not repeatable. (A-F or P/NP)

**ELIC 31—INTERMEDIATE ACADEMIC READING AND COMPOSITION B**  **4 UNITS**
72 Lecture Hours
Prerequisite: Satisfactory completion of ELIC 30 or qualification by the MJC assessment process.
## ENGL (ENGLISH)

### PLACEMENT REQUIREMENTS FOR ENGLISH COURSES

For students who have not already completed an English composition course at Modesto Junior College or at any other college, placement in ENGL 49, 50, 100, and 101 requires the English Placement Examination.

- **ENGL 50**: Placement by examination or completion of ENGL 49 with a grade of C or better.
- **ENGL 100**: Placement by examination or completion of ENGL 45 or ENGL 49 with a grade of C or better.
- **ENGL 101**: Placement by examination or completion of ENGL 45 or ENGL 50 with a grade of C or better.
- **ENGL 103**: Completion of ENGL 101 with a grade of C or better.

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**ENGL 45 — ACCELERATED READING, WRITING, AND REASONING**  
*6 UNITS*  
*108 Lecture Hours*

This is an accelerated composition class that takes the place of the English 49 and English 50 two course sequence. It focuses on the college level reading, writing, and critical thinking skills students will need for English 101 with more structure, time, tutoring, and support. Students will learn to critically read and engage in text-based writing with academic texts. Field trips are not required. Not repeatable. (A-F or P/NP)

**ENGL 48 — GRAMMAR REVIEW**  
*1 UNIT*  
*18 Lecture Hours*

Review of the fundamentals of standard English grammar. They will practice recognizing and correcting errors in grammar and usage. Field trips are not required. Not repeatable. (A-F or P/NP)

**ENGL 49 — BASIC ENGLISH SKILLS**  
*5 UNITS*  
*90 Lecture Hours*

Corequisite: Concurrent enrollment in or satisfactory completion of READ 40 or qualification by the MJC assessment process.

Fundamentals of writing. Emphasis on improving writing fluency, developing paragraphs and short essays, and learning to edit for spelling, punctuation, and word usage. 6,000 word writing requirement including both in-class and out-of-class essays. Field trips might be required. (P/NP Only) Not repeatable. **Transfer:** (CC ENGL 650)

**ENGL 50 — BASIC COMPOSITION AND READING**  
*5 UNITS*  
*90 Lecture Hours*

Prerequisite: Satisfactory completion of ENGL 49 or qualification by the MJC assessment process.

Basic English skills in writing, reading, and thinking: writing effective sentences, organizing ideas into paragraphs and essays, utilizing fundamentals of English syntax, reading academic texts, and building vocabulary. Emphasis on basic critical thinking and study skills as well. 6,000 word writing requirement including some in-class writing. Field trips might be required. **Transfer:** (CC ENGL 151)

**ENGL 100 — INTENSIVE READING, WRITING, AND REASONING**  
*5 UNITS*  
*90 Lecture Hours*

Prerequisite: Satisfactory completion of ENGL 45 or ENGL 49 or qualification by the MJC assessment process.

An accelerated alternative to the ENGL 50 and ENGL 101 sequence that focuses on development of reading, writing, and critical thinking skills necessary to demonstrate competency in college-level composition. Provides a highly structured, intensive, and supportive learning framework with a focus on academic texts and the use of a variety of sources to write a college-level research paper. Includes an 8,000 word writing requirement, at least 6,000 of which must be in essays with a developed thesis. 2,000-3,000 of the 8,000 must be research-based writing with proper MLA formatting and documentation. Field trips might be required. Not repeatable. **(A-F Only)** **Transfer:** (CSU) (C-ID: ENGL 100) **General Education:** (MJC-GE: D1)

**ENGL 101 — COMPOSITION AND READING**  
*3 UNITS*  
*54 Lecture Hours*

Prerequisite: Satisfactory completion of ENGL 45 or ENGL 50 or qualification by the MJC assessment process.

Recommended for Success: Before enrolling in this course, students are strongly advised to satisfactorily complete READ 184.

Fundamental skills in reading and writing at the college level. Emphasis on exposition, argument, research, and information competency. 8,000 word writing requirement, at least 6,000 of which must be in essays that have a developed thesis. 2,000-3,000 words of the 8,000 must be research-based writing with MLA formatting and documentation. Field trips might be required. **(A-F or P/NP)** Not repeatable. **Transfer:** (CSU, UC) (CC ENGL 1A) **General Education:** (MJC-GE: D1) (CSU-GE: A2) (IGETC: 1A) (C-ID: ENGL 100)

**ENGL 102 — ADVANCED COMPOSITION & INTRODUCTION TO LITERATURE**  
*3 UNITS*  
*54 Lecture Hours*

Prerequisite: Satisfactory completion of ENGL 101 or qualification by the MJC assessment process.

Advanced composition with an introduction to literary analysis of fiction, poetry, and drama. Intended primarily for university Transfer students, but open to any qualified student. Field trips might be required. **(A-F or P/NP)** Not repeatable. **Transfer:** (CSU, UC) (CC ENGL 1B) **General Education:** (MJC-GE: C) (CSU-GE: C2) (IGETC: 1B) (C-ID: ENGL 120)

**ENGL 103 — ADVANCED COMPOSITION & CRITICAL THINKING**  
*3 UNITS*  
*54 Lecture Hours*

Prerequisite: Satisfactory completion of ENGL 101 or qualification by the MJC assessment process.

Advanced composition course that focuses on the techniques and principles of argumentation and offers instruction in analytical evaluation of texts, research strategies, and proper documentation. Examine style, diction, inference, evidence, reasoning, and rhetorical strategies of written argument. 8,000 word writing requirement, at least 6,000 of which must be in essays that have a developed thesis. Field trips might be required. **(A-F or P/NP)** Not repeatable. **Transfer:** (CSU, UC) (CC ENGL 1C) **General Education:**
Development of skills in active reading and composition incorporating analysis, interpretation, use of academic vocabulary, cited sources, and self-editing. Focus is on summary/response reading and text-based compositions of approximately 800 words. Field trips are not required. Not repeatable. (A-F or P/NP)

**ELIC 32 — INTERMEDIATE - INTEGRATED GRAMMAR 4 UNITS**

72 Lecture Hours

Prerequisite: Satisfactory completion of ELIC 22 or qualification by the MJC assessment process.

Intermediate level grammar course for persons whose first language is not English. Emphasis on application of grammar to writing and increased focus on error awareness and editing skills. Field trips are not required. Not repeatable. (A-F or P/NP) Transfer: (CSU)

**ELIC 140 — ADVANCED - ACADEMIC READING AND COMPOSITION 4 UNITS**

72 Lecture Hours

Prerequisite: Satisfactory completion of ELIC 31 or qualification by the MJC assessment process.

Development of active critical reading strategies and composition skills incorporating analysis, interpretation, summary and paraphrase of text, use of attributed outside sources, academic vocabulary, and self-editing strategies. Focus is on expository summary/response reading and compositions of approximately 1,000 words (3-4 pages). Field trips are not required. Not repeatable. (A-F or P/NP) Transfer: (CSU)

**ELIC 141 — ADVANCED HIGH - ACADEMIC READING AND COMPOSITION 4 UNITS**

72 Lecture Hours

Prerequisite: Satisfactory completion of ELIC 140 or qualification by the MJC assessment process.

Refinement of active reading strategies and composition skills incorporating advanced analysis, argumentation, interpretation, summary and paraphrase of text, use of outside sources and documentation, academic vocabulary usage, and self-editing strategies. Focus is on argumentative summary/response reading and compositions of 750-1,000 words. Field trips are not required. Not repeatable. (A-F or P/NP) Transfer: (CSU)

**ELIC 142 — HIGH INTERMEDIATE - INTEGRATED GRAMMAR 4 UNITS**

72 Lecture Hours

Prerequisite: Satisfactory completion of ELIC 32 or qualification by the MJC assessment process.

High intermediate level grammar course for persons whose first language is not English. Emphasis on application of grammar to writing and increased focus on error awareness and editing skills. Field trips are not required. Not repeatable. (A-F or P/NP) Transfer: (CSU)

**ELIC 150 — COLLEGIATE - ACADEMIC READING AND COMPOSITION 4 UNITS**

72 Lecture Hours

Prerequisite: Satisfactory completion of ELIC 141 or qualification by the MJC assessment process.

Development of collegiate academic skills in reading, composition, critical thinking, information literacy, MLA documentation, academic vocabulary, and editing for English language learners. Focus is on analytical summary/response and text-based expository and argumentative compositions of 1,000-1,250 words. Field trips are not required. Not repeatable. (A-F or P/NP) Transfer: (CSU)

**ELIC 151 — COLLEGIATE HIGH - ACADEMIC READING AND COMPOSITION 4 UNITS**

72 Lecture Hours

Prerequisite: Satisfactory completion of ELIC 150 or qualification by the MJC assessment process.

Refinement in collegiate academic skills in reading, composition, critical thinking, information literacy, MLA documentation, academic vocabulary, and editing for English language learners. Focus is on analytical summary/response, text-based compositions of 1,000-1,250 words with an introduction to writing a research paper. Field trips are not required. Not repeatable. (A-F or P/NP) Transfer: (CSU)

**ELIC 152 — ADVANCED - INTEGRATED GRAMMAR 4 UNITS**

72 Lecture Hours

Prerequisite: Satisfactory completion of ELIC 142 or qualification by the MJC assessment process.

Advanced level grammar course for persons whose first language is not English. Emphasis on application of grammar to writing and increased focus on error awareness and editing skills. Field trips are not required. Not repeatable. (A-F or P/NP) Transfer: (CSU)

**ELW (ENGLISH FOR LIFE AND WORK NON-CREDIT)**

The Literature and Language Arts division offers two programs in ELW: a non-credit, adult basic education program of courses on six levels, and a six-level credit program intended for students who plan to pursue other academic and vocational study at the college. Most ELW courses are not degree-applicable.

**ELW 901 — BEGINNING ENGLISH FOR LIFE AND WORK 0 UNITS**

Formerly listed as: ESL 901: ESL: Beginning, ESL 901: Beginning English for Life and Work

90 Lecture Hours

Beginning English for non-English speakers. Emphasis on beginning spoken English and basic literacy. Course is repeatable. Field trips might be required. (Non-Graded course)

**ELW 902 — ELEMENTARY ENGLISH FOR LIFE AND WORK 0 UNITS**

Formerly listed as: ESL 902: ESL: Elementary English for Life and Work, ESL 902: ESL: Lower Elementary

90 Lecture Hours

Prerequisite: Satisfactory completion of ELW 901.

Elementary English with emphasis on spoken English for practical needs and preparation for transition into academic ESL classes. Course is repeatable. Field trips might be required. (Non-Graded course)

**ELW 903 — HIGHER ELEMENTARY ENGLISH FOR LIFE AND WORK 0 UNITS**

Formerly listed as: ESL 903: ESL: Higher Elementary, ESL 903: ESL: Higher Elementary English for Life and Work

90 Lecture Hours
COURSES

Prerequisite: Satisfactory completion of ELW 902.
High elementary level English for speakers of other languages. Instruction and practice in listening, speaking, and reading and writing. Preparation for transition into academic ESL classes. Course is repeatable. Field trips might be required. (Non-Graded course)

ELW 904—INTERMEDIATE ENGLISH FOR LIFE AND WORK 0 UNITS
Formerly listed as: ESL 904: ESL: Intermediate, ESL 904: ESL: Intermediate English for Life and Work
90 Lecture Hours
Prerequisite: Satisfactory completion of ELW 903.
Intermediate level English for speakers of other languages. Instruction and practice in listening, speaking, reading, and writing with a greater emphasis on academic preparation. Course is repeatable. Field trips might be required. (Non-Graded course)

ELW 905—HIGH INTERMEDIATE ENGLISH FOR LIFE AND WORK 0 UNITS
Formerly listed as: ESL 905: ESL: High Intermediate English for Life and Work, ESL 905: English At Work 1
90 Lecture Hours
Prerequisite: Satisfactory completion of ELW 904.
High intermediate level English for speakers of other languages. Instruction and practice in listening, speaking, reading, and writing with a greater emphasis on preparation into an academic language program. Course is repeatable. Field trips might be required. (Non-Graded course)

ELW 906—LOW ADVANCED ENGLISH FOR LIFE AND WORK 0 UNITS
Formerly listed as: ESL - 906: ESL: Low Advanced English for Life and Work, ESL - 906: English At Work 2
90 Lecture Hours
Prerequisite: Satisfactory completion of ELW 905.
Low advanced level English for speakers of other languages. Instruction and practice in listening, speaking, reading, and writing with emphasis on transition to academic programs, the workplace, and job-training courses. Course is repeatable. Field trips might be required. (Non-Graded course)

EMS (EMERGENCY MEDICAL SERVICE)

EMS 380—BASIC ECG INTERP/INTRO TO CARDIAC CARE 3 UNITS
54 Lab Hours
Recommended for Success: Before enrolling in this course, students are strongly advised to possess an understanding of basic medical terminology.
Designed for students who have had little or no formal training in arrhythmia diagnosis. Emphasis on diagnosing the major and life threatening arrhythmias incorporating patient assessment and treatment. Field trips might be required. (AF or P/NP) Not repeatable.

EMS 389—EMERGENCY MEDICAL TECHNICIAN 1- CLINICAL 0.5 UNITS
27 Lab Hours
Formerly listed as: EMS 389: Emergency Medical Technician 1- Lab
Prerequisite: Satisfactory completion of EMS 350.
Corequisite: Concurrent enrollment in EMS 390.
This course addresses the supervisor clinical portion of a state approved Basic EMT Program. This course is a co-requisite to the EMS 390 which places the student in a practical environment. Students will observe and perform patient diagnostics and treatment under the direct supervision of a preceptor. Field trips are not required. (A-F Only) Not repeatable.

EMS 390—EMERGENCY MEDICAL TECHNICIAN 1 6 UNITS
90 Lecture Hours, 54 Lab Hours
Corequisite: Concurrent enrollment in EMS 389.
Limitations on Enrollment: Enrollment limited to students who can demonstrate completion of basic First Aid and CPR (Healthcare Provider level) from the American Heart Association or National Safety Council, or Professional Rescuer level from the American Red Cross.
Students must also provide certification of completion of a 40-hour First Responder course which meets State of California Fire Marshal training level.
Prepares the student for certification as an Emergency Medical Technician I. Students are trained to provide basic life support emergency care as mandated by the California Emergency Medical Services authority. Materials fee required. Field trips are not required. (A-F Only) Not repeatable. (CC EMS 4)

EMS 391—EMT 1- REFRESHER COURSE 1.5 UNITS
27 Lecture Hours
Prerequisite: Satisfactory completion of EMT 390 or equivalent.
Provides new and updated information for the Emergency Medical Technician, as well as reinforcement of basic knowledge and skills. Meets requirements for recertification as an EMT in California. (A-F Only) Not repeatable.

EMS 350—FIRST RESPONDER WITH HEALTHCARE PROVIDER CPR 3 UNITS
54 Lecture Hours
Recommended for Success: Before enrolling in this course, students are strongly advised to satisfactorily complete AP 50 and/or satisfactorily complete MDAST 321.
An entry-level course designed for firefighters and other emergency workers who will respond to medical emergencies ahead of ambulance transportation. Focuses on stabilization of ill or injured patients prior to arrival of more advanced life support. This course meets the basic requirements for most volunteer fire agencies as well as some paid fire departments. Materials fee required. (A-F Only) Not repeatable. Transfer: (CC EMS 157)
MATH (MATHEMATICS)

MATH NON-TRANSFERABLE COURSES

MATH 9—ACCELERATED INTRO TO MATH 2 UNITS
36 Lecture Hours
This is an accelerated arithmetic class that serves as an alternative to the MATH 10 Intro to Math course. The course will focus on the four arithmetic operations as they apply to whole numbers, fractions, and decimals. Field trips are not required. Not repeatable. (A-F or P/NP) (CC: MATH 601)

MATH 10—INTRODUCTION TO MATH 4 UNITS
72 Lecture Hours
A review of the four arithmetic operations as they apply to whole numbers, common fractions, and decimal fractions. Includes the concepts of percents. A variety of selected applications from arithmetic, pre-algebra, and geometry. Field trips are not required. Not repeatable. (A-F or P/NP) (CC: MATH 601)

MATH 19—ACCELERATED PRE-ALGEBRA 4 UNITS
72 Lecture Hours
Prerequisite: Satisfactory completion of MATH 9 or MATH 10 or qualification by the MJC assessment process.
This is an accelerated Pre-Algebra class that serves as an alternative to the MATH 20 Pre-Algebra course. The course will focus on preparing students for algebra and applied math courses by introducing the algebraic concepts of simplifying expressions, polynomial arithmetic, and solving and graphing linear equations. The MATH 9 and MATH 19 course sequence will prepare students to enter into MATH 30 Elementary Algebra for STEM Majors or MATH 29 Elementary Algebra for Non-STEM Majors. Field trips are not required. Not repeatable. (A-F or P/NP) (CC: MATH 602)

MATH 20—PRE-ALGEBRA 5 UNITS
90 Lecture Hours
Prerequisite: Satisfactory completion of MATH 9 or MATH 10 or qualification by the MJC assessment process.
Designed to help students prepare for algebra and applied math courses by reviewing fundamental operations of arithmetic and common geometric formulas, and introducing the algebraic concepts of simplifying expressions, polynomial arithmetic, and solving and graphing linear equations. Arithmetic reviewed includes whole numbers, integers, decimals, ratios, and percents. Field trips are not required. Not repeatable. (A-F or P/NP) (CC: MATH 602)

MATH 29—ELEMENTARY ALGEBRA FOR NON-STEM MAJORS 4 UNITS
72 Lecture Hours
Prerequisite: Satisfactory completion of MATH 19 or MATH 20 or qualification by the MJC assessment process.
Topics include: simplifying algebraic expressions, solving linear equations, factoring, graphing lines and parabolas, solving systems of equations, with application problems incorporated into each topic. This course is intended for Non-STEM majors. Field trips are not required. Not repeatable. (A-F or P/NP) (CC: MATH 101)

MATH 30—ELEMENTARY ALGEBRA FOR STEM MAJORS 5 UNITS
90 Lecture Hours
Formerly listed as MATH 70 Elementary Algebra
Prerequisite: Satisfactory completion of MATH 19 or MATH 20 or qualification by the MJC assessment process.
Equivalent to a first-year high school algebra course. Topics include: simplifying algebraic expressions, solving linear and quadratic equations, factoring, graphing lines and parabolas, solving systems of equations, rational expressions, and radicals, with application problems incorporated into each topic. Field trips are not required. Not repeatable. (A-F or P/NP) (CC: MATH 101)

MATH 47—SKILLS FOR SUCCESS IN NON-TRANSFER LEVEL COURSES 0.5 UNITS
27 Lab Hours
Formerly listed as MATH 47 Skills for Success in Elementary Algebra
Designed to provide practice in basic mathematical skills needed for success in non-transfer level math courses. Particularly useful for those who are weak in prerequisite skills or who have struggled in other non-transfer level mathematics courses. NOTE: MATH 47 does not serve as a prerequisite to any mathematics course. Field trips are not required. (P/NP Only) Not repeatable.

MATH 49—SKILLS FOR SUCCESS IN TRANSFER LEVEL MATH COURSES 0.5 UNITS
27 Lab Hours
Formerly listed as: MATH 49 Skills for Success in Intermediate Algebra
Practice on mathematical skills needed for success in Transfer Level Mathematics courses. Intended for those who need prerequisite skills or who have struggled in Intermediate algebra or precalculus courses. Does not serve as a prerequisite to Transferable mathematics courses. (P/NP Only) Not repeatable.

MATH 70—Course has been deactivated. See Catalog page 316 - Math Sequence diagram for appropriate course or consult a Counselor.

MATH 89—INTERMEDIATE ALGEBRA FOR NON-STEM MAJORS 4 UNITS
72 Lecture Hours
Formerly listed as: MATH 89 Intermediate Algebra Essentials
Prerequisite: Satisfactory completion of MATH 29 or MATH 30 (formerly MATH 70) or qualification by the MJC assessment process.
Equivalent to second-year high school algebra. Topics include linear, quadratic, exponential and logarithmic functions and equations; complex numbers; solving systems of equations; conic sections; sequences and series. This course is intended for Non-STEM majors. Field trips are not required. Not repeatable. (A-F or P/NP) (CC: Math Competency Req. Satisfied) General Education: (MJC-GE: D2)

MATH 90—INTERMEDIATE ALGEBRA FOR STEM MAJORS 5 UNITS
90 Lecture Hours
Formerly listed as: MATH 90 Intermediate Algebra
Prerequisite: Satisfactory completion of MATH 30 (formerly MATH 70) or qualification by the MJC assessment process.
Equivalent to second year high school algebra. Topics include linear, quadratic, exponential and logarithmic functions and equations; complex numbers; solving systems of equations using substitution, matrices and determinants; conic sections; transformations;