



Jefferson City High School: PLTW AND DUAL CREDIT

Project Lead The Way Courses

Biomedical Science

Principles of Biomedical Science
Human Body Systems
Medical Interventions
Biomedical Innovations

Engineering

Introduction to Engineering Principles
of Engineering
Civil Engineering & Architecture
Engineering Design & Development

Missouri S and T offers students the opportunity to purchase dual credit by meeting the following qualifications:

Engineering:

1. Complete two PLTW courses
2. Earn a B average in each course
3. Score a 6 on the EOC
4. Cost of credit is \$200

Biomedical:

1. Complete a PLTW course
2. Earn a B average in the course
3. Score a 6 on the EOC
4. Cost of credit is \$250 per course

Project Lead The Way – www.pltw.org

Key Phone Numbers

Lincoln University – Lisa Stock, MLIS (573)681-6025
Drury University – Beth Nation, MSC (417)830-9533
Director of Counseling (JCHS) – Carrie Welch (573)659-3063

Key Web Sites

Lincoln University -www.lincolnu.edu
Drury University – www.drury.edu
Project Lead The Way – www.pltw.org

Dual Credit Need Based Grants

- Application will be made available in December.
- See Mrs. Welch in the counseling office for Dual Credit need based grant application.
- Grants are available based on JCHS staff donations and subject to change each year.

Dual Credit Opportunities

<u>JCHS Course</u>	<u>University Course Name</u>	<u>University</u>	<u>Credit Cost</u>	<u>Hours</u>
Civil Leadership	LDST 260 Fundamentals of LDRSHP	Drury	\$70 per hour	3
Legislative Seminar	GSTU 107 Legislative Seminar	Drury	\$70 per hour	3
AP European History	HIST 230 Modern Europe	Drury	\$70 per hour	3
AP English Literature	ENG 200	Lincoln	\$75 per hour	3
English 101/102	ENG 101/102	Lincoln	\$75 per hour	6
College Algebra	MAT 113 College Algebra	Lincoln	\$75 per hour	3
Pre-Calculus	MAT 121 Pre Calc	Lincoln	\$75 per hour	5
AP Statistics	MAT 117 Elem Statistics	Lincoln	\$75 per hour	3
AP Calc AB	MAT 123 Calculus I	Lincoln	\$75 per hour	5
AP Calc BC	MAT 203 Calculus II	Lincoln	\$75 per hour	5
AP Physics A	PHY 101/101L College Physics I	Lincoln	\$75 per hour	4
AP Physics B	PHY 102/102L College Physics II	Lincoln	\$75 per hour	4
AP Biology	BIO 103/103L Princ. Of Biology	Lincoln	\$75 per hour	4
AP Gov't & Politics	PSC 203 Am. National Gov't	Lincoln	\$75 per hour	3
AP US History	HIS 205 Am. Hist I	Lincoln	\$75 per hour	3
	HIS 206 Am. Hist II	Lincoln	\$75 per hour	3
Military Leadership	ELEC 2416 Military Leadership	Lincoln	Free	3

Dual Credit Requires a cumulative GPA of 2.5. Listed below are course pre requisites.

- ENG 101 Composition and Rhetoric I ACT English sub-score of 18 or above
- ENG 102 Composition and Rhetoric II Completion of ENG 101 with a grade of 'C' or higher
- MAT 113 College Algebra ACT Math sub-score of 22 or higher, or a math placement score of 31 or higher.
- MAT 117 Elementary Statistics ACT Math sub-score of 18 or higher, or a math placement score of 23 or higher.
- MAT 121 Precalculus Mathematics ACT Math sub-score of 22 or higher, or a math placement score of 31 or higher.
- MAT 123 Calculus I ACT Math sub-score of 30 or higher, **or** both MAT 113 and MAT 114 with a grade of 'C' or higher, **or** MAT 121 with a grade of 'C' or higher, **or** a math placement score of 46 or higher.
- MAT 203 Calculus II MAT 123 with a grade of 'C' or higher
- PHY 101 College Physics I ACT Math sub-score of 22 or higher, or a math placement score of 33 or higher; MAT 113 or MAT 121 recommended.
- PHY 102 College Physics II PHY 101; MAT 114 or MAT 121 recommended