

Lake Area Technical Institute  
Dual Credit Information and Procedures  
2010-2011

Mission Statement - Lake Area Technical Institute offers superior, comprehensive technical education, creating a foundation for success in an ever-changing world.

Juniors & Seniors at WHS are eligible to take post secondary level courses at LATI and receive high school and Lake Area Technical Institute credit. Please note: you will be treated as a LATI student; the attendance, conduct and laptop policies will be in accordance with LATI policies. The calendar will be based on LATI's schedule which may be different than your high school. Payment of credits taken must be paid within the first month of the semester.

Students may enroll in certain courses at Lake Area Technical Institute without applying for admission to a program. However, the student must meet the admissions criteria based on an entrance exam, LAMD related course or ACT scores. This does not guarantee acceptance to LATI as a full time student at a later time. Upon completing the application for dual credit at LATI, students taking a dual credit course will be given a 50% reduction off the cost of their first three credit class. Additional support may be available for students who demonstrate a strong financial need. Students must re-register at the beginning of each enrollment period.

Interested students should see the WHS Student Services office or Principal for a LATI admissions application.

**All textbook prices, costs per course, and course times are subject to change.**

Students may take the following courses for credit at LATI. Courses will work towards an Associates of Applied Sciences degree at LATI.

\*\*\*\*Various courses are available through LATI and are under each career cluster in the Registration Guide. Please contact the Director of Enrollment at LATI for further information.

**PSYC 100 – Psychology of Human Relations – 08900**

This course is designed to help a student recognize the importance of adjusting and getting along as a member of a working team. It will examine the role personality plays in the work environment and the personal qualities, interpersonal skills and values that employers are looking for. 3 credits

**MATH 100 – Applied General Math – 04900**

Emphasis on the ability to understand and apply math skills to solve problems in the world of work. 3 credits

## **MATH 101 – Intermediate Algebra – 04901**

This course will enhance students' problem-solving skills and prepare them for mathematical problems to be faced in future courses and careers. 3 credits

## **COMM 101 – Contemporary Communication – 02903**

Emphasis on the essentials of written and oral communication; also included is a unit on effective communication in the job search process. (3 credits)

## **SDSU DUAL CREDIT INFORMATION & PROCEDURES 2010 - 2011**

**SD Board of Regents post-secondary schools will accept the following courses as college credits. SDSU will provide the transcript and enrollment information. For all other courses please check with individual schools prior to enrolling in the class. Please see Student Services for additional information.**

Course: **CHEM 106: Inorganic Chemistry (Advanced Algebra is required) - 07502**  
Course Description: An introductory course designed to acquaint students with the important and fundamental concepts in general chemistry. Course covers atomic theory, interparticle forces, chemical reactions and their rates and mechanisms, states of matter, acid/base chemistry, and nuclear chemistry.  
Credits: 4 credits (LATI); .5 credit towards elective credit at WHS  
Class Time: FALL only 3:00-9:00 PM Monday  
Cost: See SDSU Text cost: \$172.00 (includes lab manual)

Course: **CHEM 108: Organic Chemistry (Advanced Algebra & CHEM 106 are required) - 07503**  
Course Description: Course covers organic chemistry & biochemistry. An understanding of the basic concepts is a necessary precursor to the discussion of more specific topics of biochemistry.  
Credits: 4 credits (LATI); .5 credit towards elective credit at WHS  
Class Time: Spring only 3:00-9:00 PM Monday  
Cost: See SDSU Text cost: \$172.00 (includes lab manual)

Course: **ENGL 101: Composition - 02901**  
Course Description: Grammar, mechanics, usage, research skills, and practice in exposition, which are basic to effective writing.  
Credits: 3 credits (LATI); .5 credit towards Senior English at WHS  
Class Time: Various times available  
Cost: See SDSU Text cost: \$53.00 + lab manual

Course: **SPCM 101: Fundamentals of Speech - 02902**  
Course Description: An introduction to basic oral skills using logical organization and presentation of materials.  
Credits: 3 credits (LATI); .5 credit towards elective credit at WHS

Class Time: Various times available  
Cost: See SDSU Text cost: \$67.00

Course: **MATH 102: College Algebra - 04902**  
Credits: 3 Credits (LATI)  
Class Times: Various times available  
Cost: See SDSU

Course: **PSYC 101: General Psychology - 08901**  
Credits: 3 Credits (LATI)  
Class Times: Various times available  
Cost: See SDSU



## Dual Status Registration Information

### Special Status Registration

Please note: you will be treated as a LATI student; the attendance, conduct and laptop policies will be in accordance with LATI policies. The calendar will be based on LATI's schedule which may be different than your high school. Payment of credits taken must be paid within the first month of the semester.

Students may enroll in certain courses at Lake Area Technical Institute without applying for admission to a program. However, the student must meet the admissions criteria based on an entrance exam, LAMD related course or ACT scores. This does not guarantee acceptance to LATI as a full time student at a later time. Upon completing the application for dual credit at LATI, students taking a dual credit course will be given a 50% reduction off the cost of their first three credit class. Additional support may be available for students who demonstrate a strong financial need. Students must re-register at the beginning of each enrollment period.

Insufficient enrollment may result in a class being canceled. If the class is canceled, you will be notified and any tuition/fees you have paid for the class refunded to you. If you are not notified, the class will be held. The instructor will have your name on the roster. Books can be purchased during regular business hours at the bookstore. **Pick up application in Student Services.**

ELECTIVE	ELIGIBILITY	PREREQUISITE	CREDIT
	11, 12	None	LATI

### **AG 100 – Soils (3 LATI credits) - 09600**

Determination of properties of various soils and their suitability for agricultural uses. Hands-on soil sampling and testing are emphasized; also, development of proficiency in interpreting soil survey maps.

### **AG 102 – Crop Science (3 LATI credits) - 09601**

A comprehensive review of the plant development cycle, from seedling to harvest-ready maturity. Appropriate environmental conditions, insect and disease control, harvesting, and storage are discussed. Profitable management is emphasized.

**AG 106 – Animal Health I (2 LATI credits) -09602**

The causes and management/control of disease and poisoning are determined.

**AGR 120 – Seed and Grain Technology (2 LATI credits) -09606**

Grading of grain according to federal standards, selection of high-quality seed, proper storage and conditioning of seed, identification of crop and weed seeds, operation of grading equipment.

**AG 122 – Fertilizers (2 LATI credits) - 09604**

Identification of fertilizer elements, appropriate use, application procedures, and cost-effectiveness are covered.

**AG 126 – Weed Management (2 LATI credits) - 09607**

Training to meet federal certification: recognition of pests and noxious weeds; selection, application and disposal of chemicals; construction of a field-mapping system.

**AG 130 – Building Principles (1 LATI credit) - 09611**

This course covers all aspects of farm structure building, planning, design, and economics.

**AG 132 – Ag Structures (2 LATI credits) - 09612**

Construction fundamentals and building construction.

**AG 135 – Farm Power/Engines (1 LATI credit) - 09613**

Discusses engine principles and design, safety, oil, fuel, and coolant selection, and general engine and tractor maintenance principles.

**AG 136 – Advanced Farm Power (2 LATI credits) - 09614**

Covers fuel system maintenance, tractor and engine maintenance procedures and tractor tune-up procedures.

**AG 158 – Farm/Ranch Records (2 LATI credits) – 09608**

Application of standard financial procedures, using the computer to record, compile and complete typical financial records for farming operations.