

Course Expectations for Advanced Study CADD — 4130

Teacher: Mrs. Debra Tomme

Room: D118

Phone: (702) 799-5766

Email: dtomme@interact.ccsd.net

COURSE DESCRIPTION:

This one-year, one-, two-, or three-period course provides students with extended experiences in conjunction with or beyond a program of study in Architecture or Computer-Aided Design and Drafting (CADD). The student collaborates with the supervising teacher to design and implement the topic of study. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. This course fulfills up to three of the elective credits required for high school graduation.

COURSE GOALS:

1. To research a particular CADD discipline as a basis for portfolio development. [NS: CAD 5.0, 6.0; ELA 5.0, 10.0]
2. To perform tasks operating a CADD workstation using industry-standard software. [NS: CAD 5.0; CT 3.12.1, 3.12.5; IT 5.0]
3. To generate three-dimensional models specific to an area of interest using the drafting tools in the discipline-appropriate CADD software. [NS: CAD 5.0, 6.0]
4. To prepare oral and written presentations related to a particular CADD discipline. [NS: CAD 5.0, 6.0; ELA 10.0]
5. To develop a professional portfolio utilizing time management skills. [NS: CAD 5.0, 6.0]
6. To apply appropriate college-level mathematics and science analysis and verification to conceptual, graphical, physical, computer, and assembly modeling. [NS: CAD 6.0; ELA 10.0; MAT A-D]
7. To assess issues relating to the invasion of privacy, copyright, data security, and the ethical use of information. [NS: IT 3.9, 8.6; CT 5.12; ELA 6.12, 8.12]
8. To develop employability skills for workplace readiness, career development, and job retention within the CADD industry. [NS: CAD 5.0, 6.0]

COURSE REQUIREMENTS AND GRADING PROCEDURES:

GRADING POLICY

The purpose of grades is to provide effective feedback to students, parents, and the school administration about a student's progress towards mastery of the established standards for a particular course or subject. As such, other factors such as attendance, effort and behavior will not be considered when calculating a student's grade. However, **excessive absences** (Seven unexcused absences during a semester) may result in a loss of credit in accordance with CCSA Regulation 5113. Extra credit will **not**

Southwest Career and Technical Academy 2011-2012

be permitted unless the work is specifically designed to provide more evidence of a student's progress towards mastery of the established standards.

Teachers will provide students with unit overviews that outline the performance expectations for that unit. These outlines will be accompanied by rubrics that define the levels of proficiency students are expected to demonstrate. The goal is for students to become more involved in monitoring their level of proficiency and participating in Assessment for Learning in order to improve their performance.

Students will be graded on a 0-100 point scale, with the following grade equivalents:

90-100	=	A	Consistently exceeds standards
80-89	=	B	Consistently meets standards
70-79	=	C	Approaching standards
60-69	=	D	Emergent
0-59	=	F	Does not meet standards/ Evidence not provided

In order to demonstrate sufficient evidence of proficiency, a student will be required to make arrangements with the teacher to make-up any assessments missed due to an absence. Failure to complete required assessments may result in a lower grade or a failing grade due to a lack of evidence.

Throughout the semester, students will be expected to complete formative and summative assessments. The Southwest Career and Technical Academy will be incorporating Project-Based Learning across the curriculum. The project-driven assessments will be implemented and assessed according to a standard rubric for all students, based on our beliefs in the attributes of Academic Knowledge, Character, Skills, Work Ethic, and Preparation. Further assessments include, but are not limited to, homework, class activities, participation, lab activities, class projects, quizzes, and exams. For this subject, assessments will be weighted as follows:

Project-Based Learning and the Six Tenets

The Southwest Career and Technical Academy is dedicated to assessing student learning and achievement through Project-Based Learning (PBL). The Southwest CTA uses six tenets, or beliefs, to assess student performance during each PBL assessment. These tenets will be the basis of grading during each PBL project. The six tenets are as follows:

- Content Knowledge
- Work Ethic
- Use of Resources
- Teamwork and Collaboration
- Professional Presentations
- Writing Skills

These tenets may also be used in the classroom setting at the teacher's discretion.

Content Area	40%
Written Skills	10%
Presentation Skills	10%
Use of Resources	10%

Southwest Career and Technical Academy 2011-2012

Teamwork/Collaboration	10%
Work Ethic	20%

Projects: Course objectives will be met in the form of both individual and group projects. Projects will utilize the majority of the information from a particular unit and will be due on the assigned date at the end of the unit.

Testing and Quizzes: The teacher will administer tests and quizzes throughout the course to determine the individual student's development as well as the effectiveness of the teaching system being employed.

Class-work: Students will complete the majority of their assignments in class with a few assignments to be worked on partially or completely at home when appropriate. The lab will be open in the morning and afternoon for students in need of additional time to complete make-up work. Available office hours are posted on the class website. Storage of student's computer documents and projects are to be on the student's network account or on a flash drive. Loss of a document, project, assignment, or crashed disk will not be an excuse for not meeting an assignment deadline. The backing up of all documents will prevent any misfortunes. SAVE OFTEN!!!

Homework: - These assignments will not require the use of any of the software utilized in class. The assignments are given so students can either review concepts covered in class or to prepare students for a future project. Students are expected to turn-in the homework assignment at the beginning of class on the due date.

Sketchbook/Notebook: - Notebooks will contain notes from material covered in class, collected resources, inspiration and ideas, and practice techniques. It is important that the notebook is in class every day and is maintained, as it will grow to become a powerful resource. Notebooks will be checked for organization and maintenance throughout each grading period.

Participation: Students will earn weekly participation points (Work Ethic). Points will be lost for any of the following reasons:

1. Unexcused absence
2. Tardy
3. Lack of preparation (no notebook, no supplies, etc.)
4. Misuse of classtime
5. Inappropriate behavior (nuisance item usage, sleeping, class disruptions, eating or drinking in class, cheating/plagiarism, insubordination, etc.)

Semester Exams: According to CCSD regulation 5121, "Semester exams shall be comprehensive of the material covered during the semester and may be worth up to, but not exceed, 20% of the student's final semester grade. Final semester grades shall reflect assignments and assessments completed throughout the semester and the final exam grade". Semester grades are not to account for more than 10% of the final grade. Semester grades will be calculated as follows:

Quarter 1 Grade	=	45%
Quarter 2 Grade	=	45%
Semester Exam	=	10%
Semester Grade	=	100%

REQUIRED MATERIALS

Southwest Career and Technical Academy 2011-2012

- Notebook; this can be a section of a binder or a spiral notebook.
- Drawing pens: Thin line and fat line black pens. Pilot V5 and V7 Precise Rolling Ball pens work well. Ballpoint pens will not work well for our purposes.
- Drawing pencils: pencils (please do not ever come to class without a pencil!), #2 and or mechanical. (I like the Pentel Quicker Clicker and it comes in a variety of lead sizes —from .05mm-.09mm. If you can get a thin and thick one, that would work well. However, regular pencils will work too!)

Optional:

- A flash drive is suggested for students who wish to backup and/or transport files between school and home, but is NOT required.

COURSE FEE

Other materials will provided for you in class and will be purchased with your \$15 course fee, so please try to get this paid as soon as possible. I have worked to reduce the fee for this course but we will need to have everyone pay so it will get us through the year.

MAKEUP WORK POLICY

The following language is from CCSD Regulation 5113:

Teachers shall provide an opportunity for a student to make up missed work due to any absence, and students shall be held accountable for the work. When a student is absent, however, the educational experiences lost during that absence might be irretrievable because the instruction and interaction in the instructional setting cannot be duplicated through makeup work.

After any absence, a secondary student is required to initiate contact with the teacher(s) to obtain appropriate makeup work **within** three school days immediately following the absence. Once contact has been made with the teacher(s), specific makeup work must be completed and returned to the teacher(s) within a reasonable length of time, to be determined by the teacher and communicated to the student/parent or legal guardian. The makeup work must be returned to the teacher(s) by the specified due date if it is to be acknowledged. Students shall be allowed a minimum of three (3) days to complete makeup work.

LATE WORK POLICY

Late work that is considered practice (homework, class-work, etc.) will be accepted and graded for credit at the teacher's discretion. Work that is not turned in when requested by the teacher will be considered late. Late work will be accepted within a reasonable timeframe, but the grade earned may be reduced by up to 50%.

If a student is absent (excused), any work due on the date of the absence is due on the day of his/her return.

DISCIPLINE PROCEDURES AND CITIZENSHIP GRADING:

A. Classroom Discipline Plan

Classroom guidelines serve one purpose: to create and maintain an environment in which everyone can have the best possible learning and creating experience. For the most part, they are simply and matter of common courtesy and respect.

- Everyone is expected to participate positively. Your opinions matter and your comments are expected. Simply wait your turn, or until you are invited, to participate during discussions, group work, question/answer periods or other appropriate times.
- Everyone is to be treated with courtesy and respect.
- Respect your workspace and equipment, Please leave it neat and orderly for the next student.

Southwest Career and Technical Academy 2011-2012

- No food or beverages. The exception is water.
- Refrain from using personal electronic devices during class.
- Please do not interrupt me, or anyone else, when they are speaking and please be quiet during lectures, media presentations, films and documentaries, or discussion unless it is for a question or your turn to speak.
- Restroom passes will be treated in a common sense way. Please do not interrupt the class or me when seeking permission to leave or abuse the privilege.
- Be punctual.
- Make good use of class time. Please be at your seat and ready to work when the bell rings and do not line up at the door at the end of class. I will dismiss you.

The following steps in the Southwest Career and Technical Academy Progressive Discipline Plan will be followed when students do not follow established rules and behave inappropriately:

- STEP ONE: Teacher-Student Conference (Warning)**
STEP TWO: Parent Contact by Teacher (Phone or Letter)
STEP THREE: Counselor Referral
STEP FOUR: Dean's Referral

Some offenses are serious enough to warrant a referral to the Dean for the initial infraction (e.g.: physical violence, gross insubordination, truancy, etc.)

B. Tardy Policy

Timeliness Is Expected (T.I.E.) program promotes being on time as a basic skill for success that every person needs to possess. Through this program, it is our expectation that SWCTA students arrive on time to every class. Not only are students developing skills for success in high school but for the rest of their lives. Being on time before school may require special attention from the student's parent or guardian.

When a student is tardy during the 2010-2011 school year, the student will bring home a tardy slip. Any tardy during 1st block will result in a deans' detention to be served after school the following day. Detention will be served from 1:30-2:00 in a room designated by the dean's office. In addition to dean's detention, the third tardy in 1st block will also result in a Required Parent Conference, and a sixth tardy will result in one day of suspension. A day of suspension will be given for every tardy thereafter. Tardies received for any other periods of the day will require a parent or guardian to bring the student to school the next day and sign them in at the dean's office. Students who attempt to attend classes before being reinstated will be required to call home and get a parent to come sign them in or get permission to leave campus. Students not signed in will be placed on RPC (Required Parent Conference) pending a parent conference.

It is our goal that all students achieve to the best of their ability. By being on time to each class, students have a better opportunity to be successful. Parents or guardians may contact the Dean's Office at 799-5766 (X4500) in the event that there are questions regarding our Timeliness Is Expected program.

C. Cell Phone/Nuisance Item Policy

The Southwest Career and Technical Academy cell phone/nuisance item policy is in accordance with CCSD Regulation 5136 and the specific needs of the Southwest Career and Technical Academy.

- FIRST OFFENSE: Warning/Copy of Policy/Confiscation**
SECOND OFFENSE: RPC-B/Parent Pick-Up/Confiscation

Southwest Career and Technical Academy 2011-2012

THIRD OFFENSE: RPC-T/Behavior Contract/Parent PickUp/Confiscation
FOURTH OFFENSE: 1 Day Suspension/Parent Pick-Up/Confiscation
FIFTH OFFENSE: 3 Day Suspension/Parent Pick-Up/Confiscation
SIXTH OFFENSE: 5 Day Suspension/Parent Pick-Up/Confiscation

D. Citizenship Policy

CATEGORY	Outstanding (4)	Satisfactory (3)	Needs Improvement (2)	Unsatisfactory (1)
Engagement	Consistently involved in class activities; contributes to overall learning process; collaborates with others and/or the teacher.	Engages in class activities, but may have to be encouraged; works with others or groups, but may not initiate collaboration.	Does not engage in class activities; rarely demonstrates initiative and may occasionally disengage from class.	Consistently uninvolved in class activities. Adamant refusal to work.
Preparation	Consistently prepared with materials; work is on time and may go beyond expectations.	Student has materials and submits work in a timely fashion and as expected.	Student may have had multiple instances of being unprepared, late work, or not completed as requested.	Consistently unprepared for class. Does not submit work on time or at all.
Behavior	Consistently respectful of both classmates and adults; Takes responsibility for individual actions; Consistently complies with school and classroom rules.	Respectful to both peers and adults. Occasionally accepts personal responsibility. Mostly complies with school and classroom rules.	Disruptive to others. Argumentative and defensive when disciplined. Disregard for school or class rules.	Consistent disrespect to classmates or adults. Regularly disruptive to learning process and violation of school or class rules. Plagiarism

Student citizenship grades are reported as follows:

O = **Outstanding**
S = **Satisfactory citizenship**
N = **Needs Improvement**
U = **Unsatisfactory citizenship**

CODE OF HONOR

Nevada Department of Education

There is a clear expectation that all students will perform academic tasks with honor and integrity, with the support of parents, staff, faculty, administration, and the community. The learning process requires students to think, process, organize and create their own ideas. Throughout this process, students gain knowledge, self-respect, and ownership in the work that they do. These qualities provide a solid foundation for life skills, impacting people positively throughout their lives. Cheating and plagiarism

violate the fundamental learning process and compromise personal integrity and one's honor. Students demonstrate academic honesty and integrity by not cheating, plagiarizing or using information unethically in any way.

What is cheating?

Cheating or academic dishonesty can take many forms, but always involves the improper taking of information from and/or giving of information to another student, individual, or other source. Examples of cheating can include, but are not limited to:

- ➡ Taking or copying answers on an examination or any other assignment from another student or other source
- ➡ Giving answers on an examination or any other assignment to another student
- ➡ Copying assignments that are turned in as original work*
- ➡ Collaborating on exams, assignments, papers, and/or projects without specific teacher permission
- ➡ Allowing others to do the research or writing for an assigned paper
- ➡ Using unauthorized electronic devices
- ➡ Falsifying data or lab results, including changing grades electronically

**This includes submitting the same assignment to two separate teachers without prior permission.*

What is plagiarism?

Plagiarism is a common form of cheating or academic dishonesty in the school setting. It is representing another person's works or ideas as your own without giving credit to the proper source and submitting it for any purpose. Examples of plagiarism can include, but are not limited to:

- ➡ Submitting someone else's work, such as published sources in part or whole, as your own without giving credit to the source
- ➡ Turning in purchased papers or papers from the Internet written by someone else
- ➡ Representing another person's artistic or scholarly works such as musical compositions, computer programs, photographs, drawings, or paintings as your own
- ➡ Helping others plagiarize by giving them your work

All stakeholders have a responsibility in maintaining academic honesty. Educators must provide the tools and teach the concepts that afford students the knowledge to understand the characteristics of cheating and plagiarism. Parents must support their students in making good decisions relative to completing coursework assignments and taking exams. Students must produce work that is theirs alone, recognizing the importance of thinking for themselves and learning independently, when that is the nature of the assignment. Adhering to the Code of Honor for the purposes of academic honesty

Southwest Career and Technical Academy 2011-2012

promotes an essential skill that goes beyond the school environment. Honesty and integrity are useful and valuable traits impacting one's life.

**This includes submitting the same assignment to two separate teachers without prior permission.*

Questions or concerns regarding the consequences associated with a violation of the Code of Honor may be directed towards your child's school administration and/or the school district.

Dear Families,

Southwest Career and Technical Academy 2011-2012

Please sign and detach this portion and have your child return it to the teacher listed below, so that you may keep this copy of the course expectations for future reference. Please contact (teacher) at 799-5766, if you have any questions regarding the information included in this document. I look forward to meeting you and becoming a partner in your child's educational experience at Southwest Career and Technical Academy.

Teacher Signature: *Mrs. Debra Tomme* Date: 8/29/2011

I HAVE READ THESE COURSE EXPECTATIONS AND UNDERSTAND THE EXPECTATIONS FOR MY CHILD THIS YEAR.

Parent/Guardian
Signature: _____ Date: _____

I HAVE READ THESE COURSE EXPECTATIONS AND UNDERSTAND THE EXPECTATIONS FOR ME DURING THIS SCHOOL YEAR.

Student Signature: _____ Date: _____

Please indicate your preference, sign and date this form below.

- I give** my child permission to view "PG" rated films.
- I do not give** my child permission to view "PG" rated films with the understanding that an alternative assignment will be given.

Parent/Guardian Signature:
_____ Date: _____