Dallas Center-Grimes Meadows

Course Registration Book (Grade 9)

Graduation Requirements by Department

- - Math - 6 credits required - -

(Must take one course from each of the following groups)

Group 1:	Algebra	2 credits
	Ext Algebra 1 & II	4 credits (must complete all 4 credits)
Group 2:	Geometry	2 credits
	Technical Math	2 credits
Group 3:	Algebra II	2 credits
	Essential Math	1 credit

Additional Electives:

- AP Calculus AB
- AP Calculus BC
- AP Statistics
- Calculus
- Financial Literacy I
- Financial Literacy II
- Probability & Statistics
- Trig/PreCalc
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- - Science - 6 credits required - -

(Must make one choice from each of the following groups)

	For graduating classes of 2017, 2018, 2019 beyond	**For graduating class of 2020 and**
		***** Recommended changes starting 2016-17***
Group 1:	Integrated Science (1 credit)	Integrated Science (1 credit)
Group 2:	Cellular Biology (1 cr.) and Diversity of Life (1 cr.)	Biology (2 credits)
	Cellular Biology (1 cr.) and AP Env. Science (2 cr.)	AP/College Biology (2 credits)
	AP/College Biology (2 credits)	
	Biology (2 credits) ***course starting in 2016-17*	
Group 3:	Foundations of Physics & Engineering	Foundations of Physics & Engineering
	Physics	Physics
	AP Physics I	AP Physics I
Group 4:	Chemistry	Chemistry
	AP Chemistry	AP Chemistry

Additional Electives:

- Anatomy and Physiology (11-12)
- Ag Science I (10-12)
- Ag Science II (10-12)
- AP Environmental Science (10-12)
- AP Physics II (12)

- - Social Studies - 6 credits required - -

(Must take one course from each of the following groups)

Group 1: *(History)*	US History	2 credits
	AP US History	2 credits
Group 2: *(Geography)*	West. Civ: Foundations to Renaissance	1 credit
	West. Civ: Age of Exploration to Today	1 credit
	World Geography	1 credit
	AP World History	2 credits
Group 3: *(Civics)*	American Government	1 credit
	AP US Govt & Politics	1 credit
Group 4: *(Economics)*	Economics	1 credit
Group 5: *(Behavioral Sciences)*	Recent History	1 credit
	Current Issues	1 credit
	Sociology	1 credit
	Psychology	1 credit

Additional Elective:

- Civil War and World War II

- - English/Language Arts - 8 credits required - -

Required courses:

English I	2 credits
English II	2 credits
English III	2 credits
Speech or Debate	1 credit each

Additional Elective:

- Advanced Speech
- AP English Language & Composition
- College Prep English
- College Literature
- Novels
- Applied English and Communication

- - Physical Education_____ 0.25 credit per semester enrolled

- - Health 1 credit

Graduation Requirements (Board Policy 505.4)

No student shall graduate from the Dallas Center-Grimes Community High School until satisfactorily completing 48 credits. Dallas Center-Grimes High School will recognize all credits from an approved high school for use in graduation. One credit is awarded for a class that meets five days a week for one period. To be eligible for graduation, a student must successfully complete the above required courses.

The following is a brief synopsis of each class.

LANGUAGE ARTS COURSE DESCRIPTIONS

ENGLISH I: -LANGUAGE AND LITERATURE FOUNDATIONS **7013, 7014**
COLLEGE CORE 2 CREDITS YEAR

Building upon the students' skills and knowledge gained in middle school language arts studies, "English I" is a course designed to review and to expand the student's abilities to take all roles in the communication process...reader, writer, speaker, and listener. The initial required curriculum, is a skill-oriented course, which provides a functional foundation for subsequent study and for practical application. As such, English I covers a broad spectrum of language activities within its yearlong course of study and is rooted in basic skills concepts in all phases of language**.**

MATHEMATICS COURSE DESCRIPTIONS

EXTENDED ALGEBRA YEAR 1 **4113-4114** AND YEAR 2 **4118-4119:**
GRADES 9-10 4 CREDITS FULL YEAR/TWO YEARS

The skills of Algebra I will be taught at a modified pace over a two-year period. Extra attention will be focused on computational skills as well as using manipulatives, labs and hands-on activities to support algebraic concepts. The class will provide students with the opportunity to be successful in future work in mathematics. Two full years of this course will give the student **4 credits towards high school graduation, but only two credits of college core** equal to Algebra 1.

ALGEBRA 1: 4034, 4034
COLLEGE CORE 2 CREDITS YEAR

This course will focus on the study of the literal numbers and operations performed with them to solve equations. Students will be encouraged to write equations to solve real-world problems. An emphasis of the course will be on functions: finding numerical values, writing rules, graphing, and transformations with the graphs.

GEOMETRY: 4003, 4004
COLLEGE CORE 2 CREDITS YEAR

Develop an understanding of deductive reasoning, which is the basis of any further work in mathematics. The most important thing gained is the ability to reason logically. Other major topics include: area, volume, and surface areas, properties of parallel and perpendicular lines, properties of polygons, transformations of shapes and graphs, and basic right triangle trigonometry.

ALGEBRA II: 4043, 4044
COLLEGE CORE 2 CREDITS YEAR

Algebra II is an in-depth continuation of Algebra, which develops the skills attained in Algebra I, and introduces many new topics such as: logarithms, quadratics, conics, radicals, introduction to trigonometry, and probability. The emphasis is on a thorough understanding of number properties and skill in working with mathematical concepts.

SCIENCE COURSE DESCRIPTIONS

Science Pathways

	Path 1 Minimum for graduation	**Path 2** Traditional College Preparation	**Path 3** Preparation for college science	**Path 4** Preparation for health science majors**

			majors*	
Freshman	Integrated Science (1 sem) Foundations of Physics and Engineering (1 sem)	Integrated Science (1 sem) Foundations of Physics and Engineering (1 sem)	Integrated Science (1 sem) Biology (2 sem)	Integrated Science (1 sem) Foundations of Physics and Engineering (1 sem)
Sophomore	Biology (2 sem)	Biology (2 sem)	Chemistry (2 sem)	Chemistry (2 sem)
Junior	Chemistry (1 sem) Elective (1 sem)	Chemistry (2 sem)	AP Physics (2 sem) AP Electives	AP College Biology ***AP Electives
Senior		Physics (2 sem) AP Electives	AP Electives	Anatomy and Physiology ***AP Electives

Electives: Physics, College Anatomy and Physiology, Ag Science
AP Electives: AP/College Biology, AP Physics, AP Chemistry, AP Environmental Science
Note: Only the first semester of Chemistry is required for graduation. However, most colleges require four full semesters of lab sciences for acceptance (Biology, Chemistry, Physics)
*__College science majors:__ This path best prepares students that are looking to major in physical sciences like Chemistry, Physics, and Engineering
**__Health science majors:__ This path best prepares students that are looking at majors in the health field and life sciences such as pre-med, biology, chiropractic care, and nursing
***It is strongly suggested that students looking at pre-med take AP Physics and AP Chemistry

INTEGRATED SCIENCE 5003-5004
1 CREDIT SEMESTER

This class will deal with topics in Earth Science. The topics will include plate tectonics, the atmosphere, oceans, weather, the universe, star formation, and the solar system.

BIOLOGY (Approval Required): 5031,5032
COLLEGE CORE
GRADE 10 2 CREDITS YEAR-LONG

This course is an integrated life science course that includes a range of topics from interactions of organisms to their cellular structure and function. (AP Biology may be substituted)

FOUNDATIONS OF PHYSICS AND ENGINEERING: 5060
COLLEGE CORE
1 CREDIT SEMESTER

This course will take a non-mathematical approach to the following concepts: motion, Newton's laws, forces, magnetism, electricity, energy and waves.

SOCIAL STUDIES COURSE DESCRIPTIONS

RECENT HISTORY: 6090
COLLEGE CORE
ELECTIVE 1 CREDIT SEMESTER

Recent History will deal with events of the world and the United States as they relate to young people and the world they live in. There will be an emphasis on news events as they happen. Students will be expected to stay current with these events through TV news, newspapers, and periodicals. Students will be asked to create journals of news from time to time with personal reflections on articles collected. Students will be introduced to the difference between news and editorials, and be required to write examples of their own for each. In addition to breaking news of the semester, students will study units on the following: the rise and fall of communism, the United Nations, the political spectrum and modern political parties, the U.S. Supreme Court, terrorism, the civil rights movement, and personalities of the 20th century. Students will be expected to be active and involved in frank and straightforward class discussion on a variety of topics. They will also be asked to do various projects dealing with the assigned work.

WORLD GEOGRAPHY : 6031
COLLEGE CORE
ELECTIVE 1 CREDIT SEMESTER

World Geography is the study of peoples, places, and environments, with a focus on world regions. Physical, cultural, economic and religious characteristics will be surveyed. Emphasis is placed on students' understanding and applying geographic concepts and skills to their daily lives.

FOREIGN LANGUAGE COURSE DESCRIPTIONS

All classes in this area are College Core

FRENCH I: 11003, 11004
ELECTIVE 2 CREDITS YEAR

This course will include conversational French, with emphasis on basic grammatical patterns and beginning vocabulary, using the present tense. Listening, conversation, reading, and writing will be stressed. French speaking countries and customs will also be studied.

FRENCH II: 11013-11014
Pre-Requisite: French I ELECTIVE 2 CREDITS YEAR-LONG

This course is a continuation of French I with the addition of intermediate vocabulary and grammatical patterns. Students will expand vocabulary and learn verb tenses, past, future, etc. Beginning reading selections as well as writing and conversation in the target language will be included. Students will also study customs and countries from non-European French-speaking countries.

SPANISH I: 11043, 11044
ELECTIVE 2 CREDITS YEAR

This course will include conversational Spanish, basic grammatical patterns and vocabulary. Listening comprehension, writing, reading and speaking will be stressed. Students will also learn about Spanish speaking countries and their customs. The cultural focus will be the United States, Mexico, Puerto Rico, Spain and Ecuador.

SPANISH II: 11053-11054
Pre-Requisite: Spanish I ELECTIVE 2 CREDITS YEAR-LONG

This course is a continuation of Spanish I, with the addition of learning more verb tenses (past, future, etc.) and expanded vocabulary. Beginning reading selections and the writing of short compositions

will be included as well as customs. The cultural focus will be Mexico.

AGRICULTURE EDUCATION COURSE DESCRIPTIONS

INTRODUCTION TO AGRICULTURE: 3003
ELECTIVE 1 CREDIT SEMESTER

This is an introductory course designed for any student wishing to gain a general background in the world's largest industry-agriculture. This course surveys a wide array of topics within the agriculture industry, exposing the many and varied types of opportunities in agriculture. Also included is orientation to the FFA Organization and leadership skills and leadership contests. Students will learn through hands on experiences and various labs in the ship, greenhouse and at the 20 acres crop test plot. Students will also be introduced to Animal Science.

INTRO TO ANIMAL MANAGEMENT I: 3004
ELECTIVE 1 CREDIT SEMESTER

Animal Science courses impart information about the care and management of animals and careers. Students may study subjects including beef, buffalo, wildlife animals, and exotic animals; also, small companion animals such as dogs, cats, birds, tropical fish, reptiles, and rodents (hamsters, guinea pigs, gerbils.) Each unit includes breeds, handling, equipment, housing, feeding, diseases and health, body language, grooming, maintenance and marketing. This is a great course to get an introduction to animals.

ART COURSE DESCRIPTIONS

ART I: 12033
ELECTIVE 1 CREDIT SEMESTER

Art I is a basic art-studio exploratory course where students are introduced to various art media and techniques in the areas of drawing and painting using the principles of design. Students will be taught creative problem solving skills and reflection, while making connections to Pre-20th century art history.

ART II: 12034
ELECTIVE 1 CREDIT SEMESTER

Art II builds on skills and techniques using a variety of art media. Assignments will make connections to 20th century art history. Students will expand their knowledge of color theory and realistic painting. Art I & II are both needed before entering all other art classes except Art Appreciation, Graphic Design, and Digital Photography.

BUSINESS EDUCATION COURSE DESCRIPTIONS

MICROSOFT OFFICE I: 14000
ELECTIVE 1 CREDIT SEMESTER

Students will use the Microsoft Office software package that contains a combination of software applications to create text documents, analyze numbers, create presentations, manage large files of data, create Web pages, and create professional-looking marketing materials. Students will have the ability to share data between applications of Word, Excel, Access, PowerPoint, and Publisher. The exercises offered in this class are designed to meet the criteria outlined in the SCANS report and thus help to prepare learners to be successful in today's workplace.

INTRODUCTION TO BUSINESS: 14021
ELECTIVE 1 CREDIT SEMESTER

This class covers an array of topics and concepts related to the field of business. Concepts introduced are banking and finance, checking and savings accounts, bank services, how credit works, investing and management of money at the business and personal level including the stock market, insurance (auto, homeowners, health, and life), and a brief overview of the American economic system.

SPORTS AND ENTERTAINMENT MARKETING: 14025
ELECTIVE 1
CREDIT SEMESTER

This class will cover national marketing standards using an industry that brings relevance and enjoyment to the student. Students will cover topics including sports and entertainment products, price decisions, market research, licensing, endorsements, promotion, careers, and marketing plans. Real world scenarios will be used for this course, as students will have the opportunity to work with local sports and entertainment venues.

FAMILY AND CONSUMER SCIENCE COURSE DESCRIPTIONS

PERSONAL LIVING SKILLS I: 2033, 2034
ELECTIVE 1 CREDIT SEMESTER

This is a comprehensive course designed to help students meet the challenges of daily life as an adolescent with confidence. Career exploration and the use of the library are included. First semester topics include: building self esteem, realizing your potential, your value system, recognizing character, setting goals, building relationships and understanding authority, resolving and avoiding conflicts, interpersonal and social skills, coping with death and divorce, eating disorders, and teen suicide and depression. Second semester topics include: love, dating, sexuality and sex respect, child development and teen pregnancy, management in a group setting, basic food preparation skills and knowledge needed for successful meal planning skills, and fashion/clothing basics. (Recommended for the year but may be taken by semester.)

PERSONAL LIVING SKILLS II: 2033, 2034
ELECTIVE 1 CREDIT SEMESTER

This is a comprehensive course designed to help students meet the challenges of daily life as an adolescent with confidence. Second semester topics include: love, dating, sexuality and sex respect, child development and teen pregnancy, management in a group setting, basic food preparation skills and knowledge needed for successful meal planning skills, and fashion/clothing basics. (Recommended for the year but may be taken by semester.)

HOUSING AND INTERIOR DESIGN: 2010
ELECTIVE 1 CREDIT SEMESTER

This is a comprehensive course concerned with homes as an environment for families, human needs and housing, choosing a career in the housing profession, early homes, housing trends, and buying a home. The course also includes the elements and principles of design, architectural styles, and floor plans. Class work will include a cumulative major individual project (housing notebook). Self-motivation and personal responsibility are essential to success in the course.

FASHIONS: 2005
ELECTIVE 1 CREDIT SEMESTER

This elective semester course is a new offering. Topics will include: why people choose certain clothes, fashion vocabulary, industry terms, fashion careers, dyes, fibers and fabric finishes, and elements and principles of design. Several major projects will serve as assessments.

TECHNOLOGY EDUCATION COURSE DESCRIPTIONS

Course Sequences: *(* = indicates that a class is a yearlong)*

Const./Home Maint.	->	**Woods & Adv. Woods**	->	**Construction Project***
Intro to Engineering and Design*	->	**3D Modeling I**	->	**3D Modeling II**
Intro to Engineering and Design*	->	**Civil Eng. Arch. I and II**	->	**Construction Project***
Multimedia	->	**Video Production***		
Multimedia	->	**Website Development***		

CONSTRUCTION/HOME MAINTENANCE: 13064
ELECTIVE 1 CREDIT SEMESTER

This course will cover six different components of the construction field: concrete, framing, electrical, plumbing, trim work, and blueprint reading. This course will use both bookwork and hands on projects to cover all six areas of construction.

INTRO TO ENGINEERING DESIGN (IED): 13003, 13004
ELECTIVE 2 CREDITS YEAR

Students dig into the design & engineering through hands on projects. Students will work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. Students interested in design or engineering will benefit greatly from this course. **This class is offered as a concurrent credit class with DMACC's EGT 400. A student who finishes this course will receive 3DMACC college credits with the letter grade they earn.**

Pre-Programming (Robotics): 8001
ELECTIVE 1 CREDIT 2ND SEMESTER

Students preparing for jobs in the 21st century need to prepare like they are getting ready for the Olympics. The only problem is they won't know which event they will compete in until they get there. Today's students will be working in jobs that haven't been imagined. DCG's job is to find ways to prepare students for this new economy. Robotics may be the answer! When a student learns robotics, they are learning math, science, engineering, and technology. When students study robotics they learn how to problem solve through programming, work in teams, allocate resources and manage projects. The capstone event for this course is the IT Olympics, where students will participate in a two-day competition held at ISU in the Hilton Colosseum. This event features high school students showcasing their IT talents and knowledge in competitions and presentations. IT-Olympics is also a celebration of IT, and is open to the public.

MULTIMEDIA (Video & Web): 8051
ELECTIVE 1 CREDIT SEMESTER

Students explore website development, video production, graphic design, and project management in this course. You will prepare for capstone events in the Fall (DCG CodeJam) and Spring (IT Olympics) where you will compete in real-time challenges to apply skills learned in the class. This project-based course utilizes real-world lessons to teach skills in web, film, and photography. We partner closely with Principal Financial Group with opportunities to pursue internships with them.

Programming 1 (ICS): 8003, 8004
ELECTIVE 2 CREDIT YEAR

Using Python as a primary tool and incorporating multiple platforms and languages or computation, this course aim to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. While this course can be a student's first in computer science, students without prior computing experience are encouraged to start with Pre-Programming.

MUSIC COURSE DESCRIPTIONS

9th GRADE CHOIR: 9003, 9004
GRADES 9 ELECTIVE 2 CREDITS YEAR

Open to all students who enjoy singing in grade 9. The 9th grade choir learns musical literacy and performs music of many different styles throughout the school year. Time will be split evenly between mixed choir and sectional choirs. In addition, students have the opportunity to participate in various other honor choirs, including the OPUS Honor Choir and the Iowa All-State Chorus. Voice lessons are an important part of vocal development and are required. The Vocal Music Department also offers opportunities for participation in a jazz choir* and a show choir*. Participation in show and jazz choir is by audition only, and is at the discretion of the director. Expectations of quality music performed at the highest degree of proficiency demand each student works to the best of his/her ability to achieve success. All performances are required, graded events.
***Jazz Choir and Show Choir rehearse outside of the regular school day.**

BAND: 9013, 9014
GRADES 9 ELECTIVE 2 CREDITS YEAR

Band is open to all students with any prior background in instrumental music. Each student will be a part of Concert Band, Marching Band, and Pep Band. Individual lessons are very important and are required of each student. Lessons occur during study halls. The Band Department also offers opportunities for participation in Jazz band. Participation in Jazz Band is by audition only, and is at the discretion of the director. Students may elect to participate in state solo/ensemble contest, as well as audition for the All-State Band and various honor bands. Each student is expected to continually improve individual skills on their respective instrument, as well as continually strive to achieve their highest quality of performance in an ensemble setting. Each student is expected to contribute to the best of his or her ability. All performances are required, graded events.

- Concert Band studies many styles of music throughout the year. In addition to home concerts, the concert band performs at State Large Group Festival.
- Marching Band meets one week or more before school begins in the fall for band camp, and the season continues through the middle of October. The band performs at all home halftime

shows, the Dallas Center Fall Festival Parade, and various competitions throughout central Iowa. Early morning rehearsals are required.
- Pep Band performs at boys' and girls' double-header home basketball games.
- Jazz Band is extra-curricular and rehearses outside of the regular school day during parts of the year. In addition to home concerts, the jazz band competes at State Jazz Festival and 3-4 local competitions.

OTHER COURSE DESCRIPTIONS

PHYSICAL EDUCATION: 10013
REQUIRED

Physical Education is required by the state of Iowa each semester a student is enrolled in school. Physical Education provides for physical growth and development through muscular strength and muscle endurance, agility, flexibility, coordination, and balance. This helps produce maximum development of physical fitness. Units used in 9-12th grade include all four components of fitness: aerobic fitness, body composition, flexibility, and muscle strength and endurance. Enrichment units will include the following areas: nutrition, consumer awareness, safety, and injury treatment. All students must attend class each day they are assigned, be dressed in the proper PE attire, and participate 100%. (**Credits are included in GPA.)**

DCG courses that don't require PE (seniors only)
- **Construction Project**
- **School-to-Work**
- **Personal Wellness**
- **DMACC/Central Campus classes off-campus**
- **PE Sports (1 semester only)**

HEALTH EDUCATION:100
GRADE 9 REQUIRED 1 CREDIT EITHER SEMESTER

Health has several dimensions in order to achieve a high quality of life. This includes physical health, mental health, emotional health, and social health. During this semester class students will learn to gather, understand, and use health information to improve his or her own health. Units: Making Healthy Decisions, Managing Stress, Food and Nutrition, Exercise and Lifelong Fitness, Personal Care, Alcohol, Tobacco, Drug Addiction, Reproduction and Heredity, Pregnancy, Childbirth, and birth control. Sexually transmitted Infections HIV/AID Education, first aid and CPR/AED knowledge required to graduate.This class focuses on abstinence all semester but, educates for the future.

MEADOWS TALENTED AND GIFTED PROGRAM
GRADE 9

The talented and gifted program uses the talent pool approach. Students within this program are encouraged to become autonomous learners. Referrals by the student, parent(s) and teacher(s) initiate the student identification or inclusion process. Other criteria such as achievement and cognitive ability, test scores (Iowa Assessments, ACT, etc.), classroom performance, and observable skills are also used in this process.

Types of services available to high school talent pool students include, but are not limited to, the following: independent study (with or without credit), curriculum compacting (completing courses with fewer contact hours to create time for more advanced work), advanced placement courses (after which

students may choose to take a test to earn credit accepted by many colleges and universities), mentorships (in which a student is paired with a volunteer who shares a special area of interest or ability), actual enrollment in college courses during high school for both high school and college credit (through the Post Secondary Enrollment Options Act), correspondence courses, seminars or symposia, notification regarding appropriate state and regional programs for the gifted, career exploration and guidance activities, out-of-school activities, and academic competitions.

TAG /SELF-PROPELLED PROJECTS: Tag Teacher and Principal Approval
INDEPENDENT STUDY 1 CREDIT SEMESTER

Students will pick a project of interest and set up goals for the semester. This will give each student the opportunity to focus on something of his or her own interest. Student progress will be checked periodically throughout the semester, and the end project will be presented to the appropriate audience. Each project will indeed be as unique as the person creating it, but each project must be of such magnitude to require an entire semester of work. Each student's grade will be based on their daily research and the end result of their completed
project.

DRIVER'S EDUCATION:

- **DR.ED (FALL) 1020, DR.ED (WINTER) 1025, DR.ED (SUMMER) 1030, DR.ED (SPRING) 1040**

14 years of age recommended, Driver's Permit required
0.5 CREDITS EITHER SEMESTER/SUMMER
Divided into classroom instruction and behind-the-wheel driving experience. Dual controlled automobiles are furnished. The main goal of the course is to help students find the balance between being serious about driving and yet enjoying their new experience of freedom. Students gain knowledge and skill about driving through: excellent speakers, videos, classroom teaching, textbook work, their parents and driving experiences with parents and drivers education instructor. This class is offered four times during the school year. There is a fall class which starts in October, a winter class which starts in January, a spring class which starts in March, and a summer class in June and July. Classrooms during the year are held Tuesday, Thursday and Friday from 6:45-8:00 am. Driving times during the year are arranged during study halls if possible. Spring class will be offered if at least 16 students sign up for class. The board sets the fee required for this course annually. Grade for this class not calculated in GPA.

Graduation Honors
On completion of the course of study in the senior high school, the administration shall award:

High Honors	Weighted GPA of 4.00 and above
Honors	Weighted GPA of 3.90 - 3.99

**The students in each of the Honors groups shall receive a cord to wear at Commencement.

Honors Diploma
Students meeting the following requirements will be recognized at commencement as graduating with honors, as well as have an honors designation on their diploma and transcript.
The requirements are:

- Minimum of 54 Total Credits
- 8 Language Arts Credits (to include 2 semesters of AP Comp)
- 8 Science Credits (to include 2 credits advanced or AP science classes)
- 8 Math Credits (to include Trig/Pre Calculus and Calculus/AP Calculus)
- 8 Social Studies Credits and 6 Foreign Language Credits OR
- 6 Social Studies Credits and 8 Foreign Language Credits
- 1 credit Fine Arts (Art, Music, Drama)
- Minimum of 3.5 GPA

Advanced Placement (AP) Classes

Students at Dallas Center-Grimes may enroll in Advanced Placement classes at the high school. Each AP course's curriculum is equivalent to a first year college course. These accelerated courses require students to meet class prerequisites, teacher approval and parental approval. The student is encouraged to take the course's AP test in May (at their expense). Students who take the AP exam in the Spring will receive a weighted grade; students who earn a score of 3, 4, or 5 may earn college credit (dependent upon issuing college).
AP classes may also be taken online or at Central Academy in Des Moines if not offered at Dallas Center-Grimes. The following AP course subjects are available at Dallas Center-Grimes.

AP Art Studio 2D	AP Biology	AP Calculus AB
AP Calculus BC	AP Chemistry	AP Env. Science
AP Eng Language and Composition	AP U.S. History	AP Physics I
AP Physics II	AP Psychology	AP Spanish
AP Statistics	AP US Gov & Politics	AP World History

Standard Grading Scale:

A	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	59 and below

Weighted Grading Scale: (Only students who take AP exam)

- One point will be added to above standard GPA grading scale.
    - Example: A- = 3.67 + 1 = weighted GPA 4.67

CONCURRENT ENROLLMENT COURSES

DC-G Course		DMACC Equivalent
core	Advanced Speech	SPC 101 Speech 101 - Fundamentals of Speech (3 credits)

core	Anatomy/Physiology	BIO 164 - Anatomy/Physiology (5 credits)
core	AP Biology	BIO 112 - General BIO 1 (3 credits)
core	AP Biology	BIO 113 - General BIO 2 (3 credits)
core	AP English/Language/Comp.	ENG 105 - Comp I (3 credits)
core	AP English/Language/Comp.	ENG 106 - Comp II (3 credits)
core	College Literature	LITR 101 - Intro to Lit (3 credits)
core	Spanish III	FLS 151 - Spanish III (10 credits)
core	Spanish IV	FLS 241 - Spanish IV (8 credits)
non-core	Prin. of Digital Photo	ART 186 - Principles of Digital Photography (3 credits)
non-core	Agronomy	AGA 157 - Soil Fertility (3 credits)
non-core	Survey of Animal Industry	AGS 113 - Survey of Animal Industry (3 credits)
non-core	Art Appreciation	ART 101 - Art Appreciation (3 credits)
non-core	Ceramics I	ART 173 - Ceramics (3 credits)
non-core	Construction Project	CON 333, 336, 337 - Construction (7 credits)
non-core	Painting I	ART 143 - Painting (3 credits)
non-core	Technical Math	MAT 772 - Applied Math (3 credits)
non-core	School to Work (Fall)	ADM 259 - Professional Development (2 credits)
non-core	School to Work (Spring)	ADM 936 - Occupational Experience (3 credits)
non-core	Entrepreneurship	BUS 148- Small Business Management (3 credits)
non-core	Accounting	ACC 111 - Intro to Accounting (3 credits)
non-core	Intro to Engr & Design (IED)	EGT 400 - PLTW Intro to Engr Design (3 credits)
non-core	Principles of Engr (POE)	EGT 410 - PLTW Principles of Engineering (3 credits)

The **Post-Secondary Enrollment Option Act** allows eleventh and twelfth grade students to enroll part-time at an eligible community college, state university, or private college. Freshman and sophomore TAG students are also eligible. You must be taking classes at DC-G High school during the same semester. The student is recommended to have a 3.00 or above cumulative GPA or have administrative approval. The high school pays the cost of tuition, textbooks, and fees up to $250 per class. (Not parking) The college pays costs beyond $250. (Student must provide transportation.) If the student fails, or receives an incomplete in the college class, the cost becomes the responsibility of the student or his/her parent(s). The student receives credit for both high school and college, and the grade is calculated into his/her high school GPA. The class must be approved by the school district in advance, as classes that are comparable to those at DC-G high school are not eligible. The student must apply with the Deans prior to March 15th of their intent to take a class the following year. Students interested should contact the Deans for the proper forms.

DMACC CAREER ADVANTAGE is a two-semester program in a number of vocational areas. The classes would involve the student spending half of the day at a DMACC campus and half a day at DC-G. The program is available to juniors and seniors with a key interest in the following areas as a career. The student would be responsible for transportation and the high school would pay the cost for all successfully completed classes.

Agribusiness	Criminal Forensics	Information Technology
Automotive Technology	Culinary Arts	Manufacturing Technology (Tool & Die)
Automotive Collision	Diesel Technology	Project Lead The Way
Aviation (CC)	Early Childhood	Web Page Design
Business	Health Occupations	Horticulture

**Please see Deans for more information or go to www.dmacc.edu/lookforcareeradvantage.
Commitment to take college courses must be articulated at time of registration.

Retaking Classes

Students may repeat any course that has been passed for a higher grade under the following conditions:

- The course must be retaken within a year of the completion of the initial course.
- If a higher-level course has been taken, the option of repeating a lower course is no longer available.

    - i.e. cannot repeat Algebra I after geometry.
- The course may be repeated once.
- Enrollment will be on a space available basis.
- The original course and grade will show on the transcript, but the higher of the two grades will be used to determine GPA.
- Courses cannot be taken at summer school.
- Credit will only be issued one time.

Summer School

Summer school is an option for students that have failed one or more courses and must be pre-approved by the Deans or principal. Summer school grades that are earned from an accredited institution other than DC-G will be given credit and will be recorded on the high school transcript. The grades will be brought in as pass/fail and will not impact GPA. The original grade of a failed class will be changed to NP on the transcript.

College classes can be taken, at student's cost, during the summer with pre-approval. College classes cannot replace a required course for high school credit. College class grades will be recorded as given by the college and will be calculated into the students' GPA.

Summer school as part of DC-G supported credit recovery may be available on an as-needed basis. When offered, students that are eligible must have earned a minimum of 55% in the class failed. Students may recover credits by attending all sessions and earn a minimum of 80% during the summer session. If these are met, the grade for this course will be changed on the student's' transcript to a D-.

Credits

Each academic course passed that meets every day will be given recognition of one credit per semester. The following courses are granted less than one credit:

Driver's Education	0.5 (not calculated into GPA)
Physical Education	0.25 (calculated into GPA)

All above policies are subject for review for each school year. Approved board policy and handbook supersedes anything in this description book. Courses offerings are subject to enrollment criteria

Course Requirements for Admission to Iowa's Regents Universities

University of Northern Iowa

ENGLISH	4 years, including one year of composition; also may include one year of speech, communications, or journalism.
MATH	3 years, including algebra, geometry, and advanced algebra.
SCIENCE	3 years, including courses in general science, biology, chemistry, earth science, or physics: laboratory experience highly recommended.
SOCIAL STUDIES	3 years, including courses in anthropology, economics, geography, government, history, psychology, or sociology.
FOREIGN LANGUAGE	Foreign language courses are not required for admission. Two years are needed for University graduation requirements with C- or above.
ELECTIVES	2 years of additional courses from the required subject areas, foreign language, or fine arts.

The University of Iowa

ENGLISH	4 years with emphasis on the analysis and interpretation of composition, literature, speech.
MATH	3 years, including two years of algebra and one year of Geometry for admission to College of Liberal Arts, 4 years for admissions to College of Engineering
SCIENCE	3 years, including one year from any two of the following: biology, chemistry, and physics for admission to College of Liberal Arts. 3 years, including at least one year of chemistry, and physics for admission to College of Engineering.
SOCIAL STUDIES	3 years, including courses in U.S. and world history for admission to College of Liberal Arts. 2 years, including courses in U.S. and world history for admission to College of Engineering.
FOREIGN LANGUAGE	2 years of one foreign language for admission. For many degrees, the 4th year of proficiency is required for graduation.
ELECTIVES	Not required.

Iowa State University

ENGLISH	4 years, with emphasis on the analysis and interpretation of composition, literature, speech.
MATH	3 years, including two years of algebra and one year of Geometry.
SCIENCE	3 years, including one year each of courses from two of the following fields: biology, chemistry, and physics.
SOCIAL STUDIES	3 years for admission to College of Liberal Arts and Sciences. 2 years for admission to Colleges of Engineering Agriculture, Business, Design, Education, and Family & Consumer Sciences.
FOREIGN LANGUAGE	2 years of one foreign language for admission to Colleges of Liberal Arts & Sciences and Engineering. One additional year for University graduation requirements. Elementary Education and Early Childhood majors require 3 years of foreign language to graduate. No foreign language is needed in the other colleges.
ELECTIVES	Not required.

Non-discrimination Statement

Students, parents, employees and others doing business with or performing services for the Dallas Center-Grimes Community School District are hereby notified that this school district does not discriminate on the basis of race, color, creed, religion, gender, national origin, sexual orientation, gender identity, disability, age(for employment), marital status (for programs), or socioeconomic status (for programs) in admission or access to, or treatment in, its programs and activities or hiring and employment practices. Any person having inquiries concerning the school district's compliance with the regulations implementing Title VI, Title VII, Title IX, the Americans with Disabilities Act (ADA), ¬ß 504 or Iowa Code ¬ß 280.3 is directed to contact: Mitzi Chizek, 1414 Walnut St. Suite 200, Dallas Center, Iowa 50063, telephone: 515-992-3866, who has been designated by the school district to coordinate the school district's efforts to comply with the regulations implementing Title VI, Title VII, Title IX, the ADA, ¬ß 504 and Iowa Code 280.3.