

Dear Student and Parent,

This course guide has been designed to assist students and parents in making the best possible decisions regarding educational programs at Davis County High School. Please give a great deal of thought to course selections for next year and make decisions based upon **abilities, interests and future plans**.

Here are some points of interest to consider when choosing a class schedule:

- Students are required to meet the requirements for graduation as determined by the local Board of Education. This includes 4 years of English, 3 years of Math and Science, 3 ½ years of Social Studies, as well as Physical Education & Health.
- The number of sections for each class is based upon pre-registration and courses could be eliminated from the schedule due to low interest.
- The descriptions in this guide are brief. If the content of a particular course is unclear, please feel free to contact teachers in that department for further information. As counselor, I can also help.

Davis County High School offers several AP & college credit courses. These courses are demanding and require strong academic skills, but they also enable students to get a head start on earning college credits while in high school.

To participate in Advanced Placement, PSEO or concurrent enrollment classes, students must meet the academic requirements of both the school district and the postsecondary institution. Students must demonstrate proficiency in each of three academic areas: reading, mathematics, and science. Proficiency must be met on the ISASP, ALEKS or Accuplacer assessments.

Other than courses required for graduation by our local Board of Education, the school does not dictate what courses a student will take. The school may give guidance, but the ultimate decision rests with the student and parent. I will be available to answer questions students may have.

I look forward to talking with you and your son or daughter about their future. If you have additional questions, though, please feel free to give me a call at 664-2200, extension 1129.

Sincerely,
Marla Wilfawn
Davis County High School Counselor



Regent Admission Index

IOWA STATE
UNIVERSITY



THE UNIVERSITY
OF IOWA



Freshman Admission requirements to Iowa Regent Universities

Admission of freshmen who wish to enroll at any of the Iowa Regent universities is based on the Regent Admission Index (RAI) equation described below. In addition, applicants must meet the minimum high school course requirements for the university they wish to enter.

$$\begin{aligned} & (2 \times \text{ACT composite score}) \\ & + (1 \times \text{percentile high school rank}) \\ & + (20 \times \text{high school GPA}) \\ & + \underline{(5 \times \text{number of years of high school core courses})} \\ & \text{Regent Admission Index} \end{aligned}$$

Note: For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 99% is the top value for class rank, 4.00 is the top value for GPA, and the number of high school core courses completed is expressed in terms of years or fractions of years (e.g., one semester equals 0.5 year). Applicants who do not possess all required factors will be evaluated on an individual basis by the Regent universities to which they apply.

Freshman applicants from Iowa high schools who achieve at least a 245 RAI score and who meet the minimum number of high school courses required by the Regent universities will qualify for automatic admission to any of the three Regent universities. Freshman applicants who achieve less than a 245 RAI score may also be admitted to a specific Regent university; however, each Regent university will review these applications on an individual basis and the admission decision will be specific to each institution.

ENGLISH/LANGUAGE ARTS

1 IHCC Composition I (ENG105)	ENG/LA	Trimester	12
Students will write 4-6 essays of approximately 1,000 words each. Students must successfully complete American Lit & Composition and meet an IHCC GPA requirement before they enroll in this class.			
2 IHCC Composition II (ENG106)	ENG/LA	Trimester	12
Students will be expected to complete both a report paper and an argumentative essay documented using MLA. Students will produce approximately 20 pages of academic research writing in this class. Students must successfully complete IHCC Composition I and meet an IHCC GPA requirement.			
3 IHCC Public Speaking (SPC112)	ENG/LA	Trimester	11-12
Students will prepare and present 5-7 speeches using a variety of preparation and presentation strategies.			
IHCC1 IHCC Intro to Literature (LIT101)	ENG/LA	Trimester	11-12
Emphasis is on analysis of fiction, poetry and drama. Students will be expected to read and think critically about literature. Students must successfully complete American Literature & Composition before enrolling in this class.			
8/8A English I	ENG/LA	Year	9
Students are instructed in this required course grammar and sentence development, paragraph writing, spelling & vocabulary development, and using research materials & library skills. Students will be expected to read and interpret literature, emphasizing the short story.			
9/9A English II	ENG/LA	Year	10
Students will practice communication skills in the areas of reading, writing, speaking and thinking. Student assessment based upon objective tests, completed homework, written work and class participation.			
10/10A English for the Workplace	ENG/LA	Year	11-12
This course focuses on the essential principles of everyday writing, including mechanics (grammar, punctuation and spelling) and composition (organization, sentence structure and topic sentences).			
10B Young Adult Literature	ENG/LA	Semester	11-12
Students will determine the underlying assumptions and values within selected works and examine the structure, techniques, and intentions of the genre being studied. Oral discussion and written compositions will be required.			
11/11A Am Lit & Comp	ENG/LA	Year	11-12
American Literature & Composition is an advanced reading and composition class designed for those who wish to be more adequately prepared for the rigors and expectations of post-secondary English curriculum. Recommended course: successful completion of English II or instructor recommendation.			
APEng/APEngA AP English Lang & Comp	ENG/LA	Year	11-12
A course designed for the college-bound student focusing on expository writing skills, conducting research (APA style), and literary criticism. Writing activities will demand critical thinking skills. Recommended courses: successful completion of English II &/or Am Lit & Comp			

18 Conflict in Lit	ENG/LA	Semester	11-12
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This English course examines conflict in a variety of settings: war, athletics, society, individuals, etc. Students will read and view thematic-based works, as well as write and speak in response to what they've read and viewed. **Recommended course: successful completion of English II**

19 Heroes in Lit	ENG/LA	Semester	11-12
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This English course focuses on five different hero types. Students will read and view selections that help them define and explore each of these types, as well as write and speak in response to what they've read and viewed. **Recommended course: successful completion of English II**

16/16A Communications	ENG/LA	Year	10-12
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This course will focus on the application of written, oral & visual communication skills through a variety of formal and informal experiences.

FOREIGN LANGUAGE

23/23A Spanish I	Foreign Language	Year	9-12
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Students are introduced to the Spanish language and culture with an emphasis on all four components of foreign language study: reading, writing, listening and speaking. Basic Spanish verbs are used in the present tense in order to talk about topics including the family, school, calendar, weather and daily activities. An introduction to the Hispanic culture is also given.

24/24A Spanish II	Foreign Language	Year	10-12
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Spanish II continues with more study of verbs, expanding to include the ability to talk about past events. Some of the topics include family celebrations, vacations, house, and food and school life. The cultural component is compared and contrasted between Hispanic and Spanish ways of life.

25/25A Spanish III	Foreign Language	Year	11-12
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A more complex study of the Spanish language including the use of another past tense and the ability to talk about the future and what could happen. Vocabulary units feature daily and weekend activities, favorite pastimes, future plans and clothing. Reading, writing, listening and speaking continue to be used daily. The cultural focus shifts towards historical events of Spanish-speaking countries.

26/26A Spanish IV	Foreign Language	Year	12
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An elective course focusing on all four necessary components of foreign language study: listening, speaking, reading and writing. More complex language structures are employed including the subjunctive mood of the verb. Vocabulary units expand on previously learned words but also include travel, car and emergency situations. Detailed studies of the history of Latin America and Spain is the cultural focus through some authentic literary works and film.

SOCIAL STUDIES

41 World History	SOC ST	Semester	9
World History is a semester survey course required for graduation. Students will study time periods from pre-history to the modern world.			
42/42A American History	SOC ST	Year	10
This required survey course provides for an in-depth study of key events, people and issues in the history of the United States.			
42B The Decades That Made Us	SOC ST	Semester	11-12
This elective course studies the US from the end of the Vietnam War until current time.			
43 American Government	SOC ST	Semester	12
American Government is a required semester course offered to seniors. This course is a comprehensive study of our system of government.			
123B Personal Finance	SOC ST	Semester	9-12
This required semester course will heighten consumer financial awareness by educating students about savings accounts, investments, wealth building & college planning, credit & debt, insurance and real estate.			
39 Economics	SOC ST	Semester	11-12
This semester course explores the theory of different economical structures in relation to capitalism. Students are asked to demonstrate their understanding of interest problems, stock market and money management.			
44 IHCC Govt/People (POL111)	SOC ST	Semester	12
This IHCC concurrent enrollment course examines the formation, structure and practice of the American Federal government, citizenship, political parties, the electoral process and the three branches of government.			
45 Sociology	SOC ST	Semester	11-12
Students in this course are exposed to concepts of sociological perspective, socialization, social stratification, culture, family, deviance and social control, race and ethnicity, social change and collective behavior.			
46 Psychology	SOC ST	Semester	11-12
Students in the course are exposed to five major areas of study: learning theory, brain functions, personality, human development and behavior disorders.			
20 Civil War	SOC ST	Semester	11-12
This junior-senior elective course will survey the American Civil War from primarily a military standpoint, although cultural, social, moral, psychological and political issues will also be discussed.			
21 WWII	SOC ST	Semester	11-12
This semester course will survey the involvement of the United States in World War II. Lecture, video, and research will be the instructional tools, and evaluation will include quizzes, exams, and mini-research papers.			
22 Civil Rights in History	SOC ST	Semester	10-12
This course focuses on social justice and the fight for equal rights throughout history.			

22A Social Issues	SOC ST	Semester	10-12
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Students will research and discuss the relevant social issues of the day, such as academic cheating, church-state separation, hacking, evolution education, gangs, hate speech, suicide, urban sprawl, and unions.

27 Sports & Society	SOC ST	Semester	11-12
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This semester elective course will look at the influence of sports and sports figures on American society, including economic, social and moral/ethical impacts.

MATHEMATICS

50/50A Algebra I A	MATH	Year	9
The first part in a multipart sequence of Algebra I. This year-long course generally covers the same topics as the first semester of Algebra I.			
50B/50C Algebra I B	MATH	Year	10
The second part in a multipart sequence of Algebra I. This year-long course generally covers the same topics as the second semester of Algebra I.			
53/53A Algebra I	MATH	Year	9-10
This course covers the basic algebraic topics of whole numbers, polynomials, fractional equations, and functions.			
57/57A Geometry	MATH	Year	9-12
This course discusses two and three-dimensional shapes and their properties. Basic trigonometry, construction and coordinate geometry are some of the topics covered. Recommended course: Algebra I or instructor recommendation from 8th grade			
52/52A Tech/Consumer Math	MATH	Year	11-12
Technical/Consumer Math is for juniors and seniors. This course uses real-world applications of computational skills to solve real-world and consumer problems.			
56/56A Algebra II	MATH	Year	10-12
Algebra II reviews Algebra I topics and then discusses more algebraic topics including polynomial equations, analytic geometry, logarithms, sequences and matrices. <i>Most 4-year colleges require Algebra II for admission.</i> Recommended courses: successful completion of Algebra I & Geometry			
60 Trigonometry	MATH	Semester	10-12
Trigonometry introduces students to the relationships between the sides & angles of triangles and their calculations. Circular motion, vectors and polar coordinates are discussed. Algebra and Geometry skills are used daily. Trigonometry can be taken concurrently with Algebra II, after Algebra II, or concurrently with the first semester of IHCC College Algebra. Recommended course: successful completion of Geometry			
54/54A Algebra III	MATH	Year	11-12
Algebra III courses review and extend algebraic concepts for students who have already taken Algebra II. This course should be taken prior to enrolling in IHCC Precalculus and Calculus.			
55A Statistics	MATH	Semester	11-12
An introduction to and survey of general statistics. Topics include dealing with all areas of statistical data, measuring central tendency and variability, probability concepts and hypothesis testing. Recommended courses: successful completion of Algebra II.			
55 IHCC Statistics (MAT156)	MATH	Trimester	11-12
An introduction to and survey of general statistics. Recommended courses: successful completion of 55A Statistics as well as scoring at least a 46% on the ALEKS test			
47 IHCC Precalculus (MAT125)	MATH	Trimester	11-12
This is an IHCC concurrent enrollment class designed to prepare students for calculus and other math-related courses needed in business or science. Students must have successfully completed Algebra III, as well as scored at least a 61% on the ALEKS test.			

59 IHCC Calculus I (MAT 210)	MATH	Trimester	12
This course covers limits and continuity, derivatives, integration, inverse function, and applications on the integral. Students must have successfully completed IHCC Precalculus as well as scored at least 76% on the ALEKS test.			
48 IHCC Calculus II (MAT216)	MATH	Trimester	12
This course covers limits and continuity, derivatives, integration, inverse function, and applications on the integral. Prerequisite: successful completion of IHCC Calculus I			
48A IHCC Calculus III (MAT220)	MATH	Trimester	12
A continuation of Calculus principles. Prerequisite: successful completion of IHCC Calculus II			

SCIENCE

62/62A Integrated Science	SCI	Year	9
This is an integrated science course including topics in life science and physical science. Ninth grade students will take this class.			
63 Earth Science	SCI	Semester	10-12
This class will examine theories of the universe & space systems. Students will understand how earth's systems work, including weather & climate. Students will gain an appreciation for alternative energy resources.			
67/67A Biology	SCI	Year	10
Biology is a yearlong required course introducing general concepts in the world of life science. Students will be expected to participate in lectures, discussions, lab and bookwork.			
69/69A Chemistry	SCI	Year	11-12
This course investigates atomic structure and patterns involving the formation, structure and behavior of chemical compounds. Major study areas are: atomic structure and its theories, driving forces and rates of chemical reactions, chemical equilibrium and the behavior of acids and bases. Recommended courses: successful completion of Biology and Algebra I			
71 Chemistry II	SCI	Semester	12
This is a rigorous laboratory course continuing Chemistry curriculum with oxidation-reduction reactions, thermodynamics, nuclear chemistry, organic chemistry and chemistry in your life. Recommended courses: successful completion of Chemistry and Algebra II			
72/72A Physics	SCI	Year	11-12
Physics involves experimental verification of various physical laws and the application of these laws in equation derivation and problem solving. This course is quantitative in nature and requires math skills from algebra and geometry. Recommended courses: successful completion of Algebra II & Trig			
74/74A Anatomy & Physiology	SCI	Year	11-12
Anatomy and Physiology is for students interested in becoming familiar with the systems of the body and how they function. The class consists of lectures, discussion and labs. Recommended course: successful completion of Biology			
77 Iowa Science	SCI	Semester	11-12
This is a hands-on course focused on the biological communities within the state of Iowa. Recommended course: successful completion of Biology			
64 Natural Resources & Ecology	SCI/AG	Semester	11-12
This is a hands-on course focuses on the natural environment and the effect of humans on that environment. Prerequisite course: successful completion of Biology			

HEALTH/PE

80 Health 9	HLTH/PE	Semester	9
Students in Health will be exposed to a wide variety of health and wellness topics that will prepare them to take responsibility for their physical, mental/emotional and social health. This is a required course for all freshmen.			
81 & 82 Phys Ed 9/10 Semester 1 & 2	HLTH/PE	Semester	9-10
This required class stresses lifetime sports and activities to prepare students for an active, fit adulthood. Evaluation is based on attitude, participation and effort, not skill level.			
83 & 84 Phys Ed 11/12 Semester 1 & 2	HLTH/PE	Semester	11-12
This required class stresses lifetime sports and activities to prepare students for an active, fit adulthood. Evaluation is based on attitude, participation and effort, not skill level.			
86 Adv Health & Health Promotions	HLTH/PE	Semester	10-12
This is an interest driven study course focusing on advanced health education and health promotions. Students will be responsible for coordinating and carrying out health-related projects.			
85 Weights	HLTH/PE	Semester	9-12
A daily advanced physical education course designed for students who wish to improve their overall physical strength and conditioning. Strength development, quickness and increased physical endurance are the primary goals of this class. Students are taught proper lifting and spotting techniques.			

145 Career Readiness	ELECT	Semester	9-12
This course will help students explore careers and make the transition from school to work successfully.			
4 Work Experience	ELECT	Semester	11-12
This is an applied learning course that allows students to experience entry-level jobs. Recommended course: Career Readiness			
17 Extended Learning	ELECT	Semester	9-12
An elective class designed for motivated students. Curriculum may include AP (Advanced Placement) courses, independent study, or online courses.			
IHCC CE How to be Successful in College (SDV101)	ELECT	Semester	10-12
This course will help students learn and understand college services and support, college policies and procedures, student participation opportunities and effective learning skills.			
15/15A Publications (Yearbook)	ELECT	Year	10-12
This course may be taken both the junior and senior year of high school. This laboratory course is responsible for the construction and marketing of the school yearbook. Students must possess computer, writing, design and communication skills. Instructor approval required.			

CTE-HEALTH

87 IHCC Medical Terminology (HSC113)	CTE-Health	Trimester	11-12
This course introduces basic medical language essential to health occupation careers. Students will explore health careers through job shadowing experiences and a hospital field trip.			
88 IHCC Nursing Essentials (PNN146)	CTE-Health	Trimester	11-12
This course introduces the student to basic nursing care, technical skills & communication techniques required to become a certified nursing assistant (CNA). The student is required to spend 32 hours in a long-term care setting with direct supervision of a clinical instructor. Students must be 16 years old to take the CNA boards.			
88A Health Care Exploration (HSC201)	CTE-Health	Trimester	11-12

CTE-Agriculture

91 Ag I	CTE-Ag	Year	9-10
This is an introductory course in Agriculture Education designed for students who have an interest in Agriculture. The major emphasis of Ag Education I is Animal Science.			
92 Ag II	CTE-Ag	Year	10-11
Emphasis in this course is Agronomic Sciences (crop and soil science). Subject matter areas will include: crop production, horticulture, soils, conservation practices, farm safety, SAE project records, entrepreneurship, and parliamentary procedure.			
93 Ag Horticulture	CTE-Ag	Semester	10-12
Horticulture is a class that studies basic plant science growing methods and experiments with plants in a greenhouse setting. Text knowledge is combined with hands-on-experience.			
94 Ag Business	CTE-Ag	Semester	11-12
This course focuses on learning about farm business management and agriculture sales. Other topics covered will be SAE records, agricultural issues and agriculture career preparation.			
96 IHCC Animal Science (AGS113)	CTE-Ag	Semester	11-12
This course discusses the integration of livestock in a sustainable farming system including small-scale production for niche markets. Topics include appropriate breed selection, nutrition, reproduction, diseases, processing, land management for hogs, poultry, cattle, sheep, and goats. This course will be offered every other year.			
96A Veterinary Science	CTE-Ag	Semester	10-12
Students will study the anatomy and physiology, nutrition, behavior and training, disease prevention, reproduction, ethics of animal care, grooming and feeding of domestic and farm animals.			
97 IHCC Ag Marketing (AGB235)	CTE-Ag	Semester	11-12
Basic marketing principles will be researched, studied, and discussed. Students will develop a marketing plan. This course will be offered every other (graduating even) year.			
98 Ag Leadership	CTE-Ag	Semester	10-12
This course is for students who have a strong interest in agriculture leadership within the DCHS Ag program and FFA. <i>Instructor approval required.</i>			
64 Natural Resources & Ecology	CTE-Ag/SCI	Semester	10-12
This is a hands-on course focuses on the natural environment and the effect of humans on that environment. Recommended course: successful completion of Integrated Science			

CTE-Ind Tech

103 Intro to Industrial Tech	CTE-Ind Tech	Semester	9-10
This course covers drafting and woodworking in two nine-week sessions. This co-ed class is required for introductory woodworking and CAD.			
104/104A Intro Woodworking	CTE-Ind Tech	Year	10-12
The first semester is spent learning the various power machines in the shop along with one required project. The second semester will be geared toward project work of the student's choice. Prerequisite course: successful completion of 103 Intro to Ind Tech			
112/112A Adv Woodworking	CTE-Ind Tech	Year	11-12
The first three weeks are spent on ordering plans, buying wood, making different wood joints and going over framing, molding, trim and panels. The remainder of the semester is spent working on one project. Prerequisite: 104104A Intro Woodworking			
113 Carpentry	CTE-Ind Tech	Semester	10-12
Carpentry is a class that will provide up-to-date information about equipment, methods and materials used in construction. The work project in this class will be model houses, A-Frame, Ranch Style or Townhouse. Construction technology and terminology will be emphasized.			
106 Computer Aided Drafting (CAD)	CTE-Ind Tech	Semester	9-12
The emphasis in CAD is on accuracy and detail. Drafting skills, knowledge of materials and construction principles will also be emphasized.			
107 Advanced CAD	CTE-Ind Tech	Semester	10-12
A continuation of CAD.			
109 Wiring	CTE-Ind Tech	Semester	10-12
House Wiring is designed to teach the basics of residential electrical wiring. The class is 50% theory, knowledge and terminology and 50% hands-on practice. This class will provide lifetime skills.			
111 Intro to Manufacturing	CTE-Ind Tech	Semester	9-12
This course will expose students to plastics fabrication, CNC machining & introductory welding practices.			
151A Robotics 1	CTE-Ind Tech	Semester	9-12
An advanced course for students interested in the problem-solving, engineering and the real-life application of programming the mechanical process to include the building of a competition robot. Students must be able to commit to attendance outside of the school day. Successful completion of CAD and instructor approval.			
151 Robotics 2	CTE-Ind Tech	Semester	10-12
A continuation of Robotics 1. Instructor approval required.			

CTE-Bus/Comp Sci

118 Computer & Information Technology	CTE-Comp Sci	Semester	9-12
This course instructs the students in operating a computer through hands-on experiences in word processing, spreadsheets, draw tools, presentations, graphics and use of the Internet.			
119 Desktop Publishing	CTE-Comp Sci	Semester	9-12
Students will use InDesign software to produce documents required by business in today's jobs. This course is beneficial to students interested in helping with the yearbook.			
120 Computer Prog/ Alice	CTE-Comp Sci	Semester	10-12
An introduction to computer programming using a drag and drop interface to create 3-D animations.			
122 IHCC Intro to Computers (CSC110)	CTE-Comp Sci	Semester	11-12
An introductory course to business computer software and hardware. General computer concepts and the Internet will also be covered.			
110 Intro to Programming	CTE-Comp Sci	Semester	10-12
Instructor will serve as mentor to enable students to explore topics related to computer programming. Students will expand their expertise in a specialization or to explore a topic in greater detail.			
123 Intro to Business	CTE-Bus	Semester	9-12
General Business is a basic business course that explains the various types of business systems, explains the role of business in economic systems and explains the consumer's role in business.			
128 Accounting	CTE-Bus	Semester	10-12
The student will learn accounting concepts, principles and practices, apply accounting procedures in a sole proprietorship and partnership, and use a variety of resources and methods to learn the concepts, principles and practices of modern accounting.			
125 IHCC Automated Acct (ACC311)	CTE-Bus	Semester	10-12
The student will apply accounting concepts and principles learned in Accounting in a departmentalized business; and learn further accounting concepts and principles, including automated accounting. Prerequisite: Accounting.			
126 Business Law	CTE-Bus	Semester	11-12
This course will allow students to study true-life situations where business law has a major effect on the lives of all members of society. Students will better understand the legal world, as well as be better equipped to recognize legal problems and when to seek and utilize professional counsel.			
127 Entrepreneurship in Action	CTE-Bus	Semester	11-12
This hands-on business course will teach business & marketing principles related to owning & managing a small business.			
4 Work Experience	CTE-Bus	Semester	11-12
This course will emphasize job seeking and job keeping skills, workplace safety, taxes and more. Students will work at a job site daily in a supervised work placement. <u>Student application and instructor approval required.</u>			

FINE ARTS

129 Intro to Art	Fine Arts	Semester	9-12
Students will study the Elements of Art and Principles of Design. Students will produce their own unique compositions with a variety of materials, techniques and tools.			
130 2D Art-Draw & Paint	Fine Arts	Semester	9-12
Prerequisite: Intro to Art			
131 3D Art-Ceramic & Sculpt	Fine Arts	Semester	10-12
Prerequisite: Intro to Art			
132 Intermediate Art	Fine Arts	Semester	10-12
You must have taken either 2D or 3D Art before enrolling in Intermediate Art. Students will continue to build upon their skills while challenging themselves with more complex art making techniques and studies.			
134 Adv Art	Fine Arts	Year	12
This demanding class is for the serious art student who is thinking about a career in art. Students use a variety of media on advanced level projects that are organized into a Portfolio that could be used for applying to art school.			
135/135A Vocal Music	Fine Arts	Year	9-12
Vocal Music (choir) is offered to any student enrolled in high school. Students are exposed to many styles of music, including classical, sacred, folk, spirituals, Madrigals, jazz and pop. Students will be expected to participate in out-of-school activities, contests & concerts. Students must be able to read music notes and count rhythms.			
136 Music Theory	Fine Arts	Semester	10-12
This course is open for students with an interest in music and/or planning on a major or minor in college music. This course will include sight singing, ear training (listening skills) and theory. Prerequisite: instructor approval			
136A Music Theory II	Fine Arts	Semester	11-12
A continuation of Music Theory for students interested in a career in Vocal or Performing Arts/Music Education. Prerequisite: instructor approval			
137 Band	Fine Arts	Year	9-12
Band is offered to students with prior knowledge of a musical instrument. This course includes individual lessons, group lessons, concert band, marching band, pep band and optional jazz band. Band activities include concerts, honor bands, solo & ensemble contests, marching contests and large group contests.			

CTE-FCS

142 Child Development & Parenting	CTE-FCS	Semester	9-12
This course is essential for all students who plan to be parents or childcare providers. Topics include the decision to parent, heredity, prenatal development, prenatal care, childbirth, child development, and the care and guidance of infants, toddlers, and preschoolers.			
142A Child Development & Parenting 2	CTE-FCS	Semester	10-12
This course focuses on the development of children from 4-12. Students study physical, social, emotional, and intellectual development in the classroom and then apply their learning in a classroom setting working with younger children once a week.			
146 Food & Nutrition I	CTE-FCS	Semester	9-12
This is an introductory class. Students will learn basic kitchen skills. They will also learn about baking, food preservation, history of food, foods around the US, world hunger, and nutrition. The class is made up of classroom and lab components.			
147 Food & Nutrition II	CTE-FCS	Semester	10-12
Students will expand their culinary skills through the following units: herbs and spices, grains, fruits and vegetables, dairy, eggs, and entertaining. In each unit the students will participate in labs and other activities.. All the money raised goes back into the program. Prerequisite class: Food & Nutrition I			
149 Advanced Foods	CTE-FCS	Semester	11-12
Students create their own business and play a large role in the organization of the class. They also study advanced knife cuts, sauces, meats, and ethnic foods. This is a great class for motivated students who want to build culinary or business skills. Recommended courses: successful completion of Food & Nutrition I & II			
IHCCECE Intro to Early Childhood Ed (ECC103)	CTE-FCS	Semester	11-12
This course provides an historical & philosophical foundation of the field of early childhood education. Prerequisite courses: successful completion of Child Development I & II			
150A IHCC Child Health, Safety & Nutrition (ECC133)	CTE-FCS	Semester	11-12
This course focuses on current concepts in the fields of health, safety & nutrition and their relationship to the growth and development of the young child ages birth to eight. Prerequisite course: Intro to Early Chld Ed			
IHCCECG IHCC Early Chld Guidance (ECE243)	CTE-FCS	Semester	11-12
This course focuses on effective approaches and positive guidance strategies for supporting the development of all children. Prerequisite course: Intro to Early Chld Ed			
IHCCCL IHCC Children's Literature (EDU235)	CTE-FCS	Semester	11-12
This course provides an overview of children's literature focusing on specific literary categories. Students will learn to evaluate and select children's literature for personal and professional use.			

IHCC & DCHS Advanced Trades Curriculum/Partnership

LEO103 Photonics Fundamentals I
LEO104 Photonics Fundamentals II

These two elective classes will articulate as the LEO102 Photonics Fundamentals class within the Lasers and Optics Technology program at IHCC. Career pathways within this program can be laser/fiber optics communications, defense & security, aerospace, healthcare & biomedical, alternative energy and laser equipment development. Recommended for junior & senior students.

AUT130 Automotive Maintenance & Inspection Procedures
AUT114 Shop Fundamentals & Minor Service
AUT502 Automotive Brake Systems
AUT701 Basic Automotive Air Conditioning
CRR310 Adapters, Tools & Measurements

Completion of these courses lead to an IHCC Automotive Maintenance Specialist certificate. They are also Term I of the Automobile/Automotive Mechanics Technology/Technician program at Indian Hills Community College. Recommended for junior & senior students.

CAREER/DISCOVERY ACADEMIES

Career & Discovery Academies are programs of study offered to Iowa high school students through an agreement or contract between a school district and a community college. In order to ensure success for students interested in participating in this type of educational opportunity (including successful high school coursework, post-secondary coursework and future employment), there must be the collective support of students, parents, high school personnel, and community college personnel.

Below are the performance expectations for DCHS students attending an IHCC Career or Discovery Academy:

Academic Performance

1. Maintain a minimum overall GPA of 2.5 in DCHS & IHCC classes. Failure to do so will result in a mandatory period where the student will be provided academic supports from the high school. If improvement does not occur, the student may be removed from the Career Academy.

Work Ethic

1. Meet due dates on assigned classwork, homework and projects.
2. Do your best to develop quality assignments/projects following the criteria supplied by academy teachers.
3. Maintain a high level of integrity with regard to submitting your own work whether by paper or electronically. Follow proper internet and computer usage.

Attendance/Tardies

1. Students are responsible for their own transportation to & from the Academy.
2. Attending class every day is crucial for success. If there is an instance where you must miss, communication between the student and the instructor is expected. Excessive absences will result in removal from the Career Academy.
3. Arrive on time to both Academy and High School classes every day. Habitual late arrivals may result in consequences and/or removal from the Academy.

Professionalism/Discipline

1. Show respect toward self, peers, school staff and business partners.
2. Dress appropriately for Career Academy activities such as field trips, internships or special events.
3. Do not steal or damage Career Academy equipment, materials or other items.
4. Avoid drug or alcohol use and criminal activity.
5. Be positive ambassadors when interacting with business partners, guest speakers, and on field trips/job shadowing/internships/clinicals. Students represent themselves, their career academy and their high school.

The following programs are available for Davis County students through Indian Hills Community College:

- Rathbun Area Career Academy in Centerville, IA
 - Health Sciences
 - Sustainable Agriculture & Entrepreneurship
- IHCC North Campus Welding Academy in Ottumwa, IA