

ECHS 4-Year Plan

ASSOCIATES OF APPLIED SCIENCE IN ELECTRONICS TECHNOLOGY

ISD:	Dallas ISD	College:	Mountain View College	DCCCD Catalog Year: 2019-2020
ECHS:	South Oak Cliff Collegiate	Career Path:		Class of 2023
HS Plan:	Electronics Technology (STEM)	Pathway:	AAS.ELECTRO.08	
Recommended Endorsement:		Certificates:	Technical Platform Certificate (C1.ELEC.TECH.PLAT)	

RECOMMENDED HIGH SCHOOL COURSE SEQUENCE (see pg. 2 for TEA HS graduation requirements)

9 th	10 th	11 th	12 th
English I	English II	Government/Economics	English IV
Math *	Math *	Physics *	
Social Studies	Social Studies	World Languages II	
Biology	Chemistry		
MAPS/TSI Preparation	World Languages I		
Fine Arts	PE		
Health/PE			

RECOMMENDED COLLEGE COURSE SEQUENCE

All courses must be completed in order to earn the degree/certification. Student advising must be completed on an individual basis.

S	ITSC 1401 – Introduction to Computers (C1, AAS technical elective) DISD #7996	F	CETT 1403 – DC Circuits (C1, AAS) DISD #7712	F	ENGL 1301 Composition I (AAS) DISD #1420	F	CETT 1425 – Digital Fundamentals (AAS) DISD #7673
		S	Art Appreciation/Dance/Theatre* (AAS)	F	MATH 1314 – College Algebra (AAS) DISD #2850	F	EECT 1191 – Special Topics in Electrical, Electronic & Communications Engineering Tech (AAS) DISD #6221
		S	CETT 1405 – AC Circuits (C1, AAS) DISD #7713	F	SPCH 1311 -Introduction to Speech (AAS) DISD #1943	F	ITSC 1425 – Personal Computer Hardware (AAS) DISD #7806
				F	CETT 1429 – Solid State Devices (C1, AAS) DISD #7674	S	CETT 1449 – Digital Systems (AAS) DISD #8798
				S	ENGL 1302 – Composition II DISD #1421	S	RBTC 2445 – Robot Application, Setup & Testing (AAS) DISD #6182
				S	MATH 1316 – Plane Trig DISD #2851	S	ITSC 1405 – Introduction to PC Operating Systems (AAS) DISD #7805
				S	PSYC 2301 – General Psychology (AAS) DISD #2430	S	ITSC 1407 – UNIX Operating Systems I (AAS) DISD #TBD
				S	ITNW 1425 – Fundamentals of Networking Technology (AAS technical elective) DISD #7903		
Y1	4 credit hrs	Y2	11 credit hrs	Y3	26 credit hrs	Y4	25 credit hrs

AA/AS/AAS = 60 CREDIT HOURS

TOTAL CREDIT HOURS:

66 HOURS

* See counselor/advisor for placement.

Courses in red are NOT part of the Associate's degree.

F = fall, S = spring, U = summer

Certificate and degree course information is based on the [2019-2020 DCCCD catalog](#). Programs may be revised during the academic year. Please access our [official catalog for the official and most current degree and certificate information](#).

Last Updated: 11/18/19 EW, 12/4/19 jd

TEA High School Graduation Requirements

For additional information please refer to the [TEA Graduation Toolkit](#)

HB5 Graduation Plan

**Foundation-
Only 22 Credits***

4 credits English – ELA I, II, III, one credit in an advanced English course

3 credits Mathematics – Algebra I, Geometry, one credit in an advanced math course

3 credits Science – Biology, one credit in any advanced science course, one credit in IPC or in an additional advanced science course

3 credits Social Studies –US History, Government, Economics, World Geography or World History

2 credits LOTE or Computer Programming

1 credit Physical Education

1 credit Fine Arts

.5 credit Health

4.5 credits in electives
(may include CTE or certification courses)

* Students may opt to Foundation-only after completing sophomore year.
* Consult with SPED Dept. regarding graduation plan for students being served thru SPED.

**Foundation + Endorsements-
26 Credits**

4 credits English – ELA I, II, III, one credit in an advanced English course

4 credits Mathematics – Algebra I, Geometry, two credits in an advanced math course

4 credits Science – Biology, two credits in any advanced science course, one credit in IPC or in an additional advanced science course

3 credits Social Studies –US History, Government, Economics, World Geography or World History

2 credits LOTE or Computer Programming

1 credit Physical Education

1 credit Fine Arts

.5 credit Health

6.5 credits in electives
(may include CTE or certification courses)

Credit requirements specific to at least one endorsement

**Distinguished Level of Achievement-
26 Credits**

4 credits English – ELA I, II, III, one credit in an advanced English course

4 credits Mathematics – Algebra I, Geometry, Algebra II, one credit in an advanced math course

4 credits Science – Biology, two credits in any advanced science course, one credit in IPC or in an additional advanced science course

3 credits Social Studies –US History, Government, Economics, World Geography or World History

2 credits LOTE or Computer Programming

1 credit Physical Education

1 credit Fine Arts

.5 credit Health

6.5 credits in electives
(may include CTE or certification courses)

Credit requirements specific to at least one endorsement

State Assessments Required for Graduation

English I	English II
Algebra I	Biology
US History	

Performance Acknowledgements

Outstanding Performance: 12 hours Dual Credit (3.0 or higher); Associate degree while in high school; Bilingualism/Biliteracy; College Board AP Exam Score of 3 or higher; outstanding performance on PSAT, ACT-PLAN, SAT, or ACT

Certification: nationally or internationally recognized business or industry certificate or license

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Gainful Employment Disclosure for Technical Platform Cert: https://www1.dcccd.edu/catalog/programs/degree_gei.cfm?a=290

(*) Dual Credit Humanities/Fine Arts Appreciation options:

See counselor/advisor for placement

ARTS 1301 – Art Appreciation

DANC 2303 – Dance Appreciation I

DRAM 1310 – Introduction to Theatre

DRAM 2361 -- History of Theater

MUSI 1306 -- Music Appreciation I

(**) Dual Credit Core Science options:

See counselor/advisor for placement

Courses include:

BIOL 1406, 1407 (Biology for science majors I & II)

BIOL 1408, 1409 (Biology for non-science majors I&II)

PHYS 1401, 1402 (Algebra-based Physics I&II)

PHYS 1405, 1407 (Elementary Physics I&II)

(***) Dual Credit Language, Philosophy, and Culture options:

See counselor/advisor for placement

PHIL 1301 – Intro to Philosophy

ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2342

(*) Dual Credit MATH options:

See counselor/advisor for placement

#2723 Advanced Quantitative Reasoning

MATH 1332- Contemporary Math I

#2918 Independent Study

MATH 1324- Math for Business & Social Science

#2619 Statistics

Math 1342/1442 – Elementary Statistical Methods

#2850 Pre-Calculus (Sem 1)

MATH 1314 - College Algebra

#2850 Pre-Calculus (Sem 2)

MATH 1316 - Plane Trigonometry

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Last Updated: 11/18/19 EW, 12/4/19 jd



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ECHS 4-Year Plan
Associate of Applied Science in Personal Computer Support

SCHOOL INFORMATION

Independent School District: Dallas ISD

Early College High School: South Oak Cliff High School

Dallas College: Mountain View DCCCD Catalog Year: 2020 – 2021/ **Class of 2024**

CAREER INFORMATION

Pathway: _____ High School Plan: Computer Information Technology/STEM

Endorsements: _____

Certificate 1: Technology Support Certificate	
(All credit rqmts should be complete before change)	

High School Courses

9th Grade	
English I	Math
Social Studies	Biology
(TSI Preparation)	Fine Arts
Health/PE	

10th Grade	
English II	Math
Social Studies	Chemistry
World Languages	

11th Grade	
Math	World Languages
Physics	

12th Grade	
World Languages	

College Courses

Semester	With 9 th Grade – College Courses	Semester	
Fall	ITSC 1401 – Introduction to Computers (C1, AAS) DISD #7996		
			Total Credit Hours: 4

Semester	With 10 th Grade – College Courses	Semester	
Fall	ITSC 1405 – Introduction to PC Operating Systems (AAS) DISD #7805	Spring	MUSI 1306 – Music Appreciation (AAS) DISD #8835 & 8837
Spring	ITSC 1425 – Personal Computer Hardware (C1, AAS) DISD #7806		
			Total Credit Hours: 11

Semester	With 11 th Grade – College Courses	Semester	
Fall	ENGL 1301 – English Composition I (AAS) DISD #1420	Fall	MATH 1332 – Contemporary Mathematics (AAS) DISD #2723 & 2724
Fall	SPCH 1311 – Introduction to Speech Communication (AAS) DISD #1943	Fall	ITNW 1425 – Fundamentals of Networking Technologies (C1, AAS) DISD #7903
Spring	ENGL 1302 – English Composition II DISD #1421	Spring	ITSW 1407 – Introduction to Database (AAS) DISD #7566
Spring	PSYC 2301 – General Psychology DISD #2430		
			Total Credit Hours: 23

Semester	With 12 th Grade – *Change 4hr to 3hr FA23	Semester	*Program Rqmt is 45hr Tech/15hr core. Need 5hrs for Deficiency. *Please note, deficiencies cannot be met by using courses already being used towards degree
Fall	POFI 2301 – Introduction to Word Processing (AAS) (ITSW 1401)	Fall	ITSY 1300 – Fundamentals of Information Security (AAS) DISD #5265 & 5266
Fall	POFT 1328 – Business Presentation (AAS)	Fall	IMED 1416 – Web Design I (C1, AAS) DISD #5246
Spring	POFI 1349 – Spreadsheets (AAS) (ITSW 1404)	Spring	ITSC 2339 – Personal Computer Help Desk Support (AAS) DISD #7956
Spring	ITSC 1191 – Special Topics in Information Science (AAS) DISD #5264	Spring	IMED 1491/*2415 COMBINED WITH ANY ITXX 1hr course on Attachment B
			Total Credit Hours: 25

AA/AS = 60 CREDIT HOURS

TOTAL CREDIT HOURS:

63 HOURS

* See counselor/advisor for placement.

Courses in red are NOT part of the Associate's degree.

Certificate and degree course information is based on the 2020-2021 DCCCD catalog. Programs may be revised during the academic year. Please access the [official catalog for the official and most current degree and certificate information.](#)

<p>Dual Credit Humanities/Fine Arts Appreciation options: See counselor/advisor for placement. Courses Include: ARTS 1301 – Art Appreciation DANC 2303 – Dance Appreciation I DRAM 1310 – Introduction to Theatre DRAM 2361 -- History of Theater MUSI 1306 -- Music Appreciation I</p>	<p>Dual Credit MATH options: See counselor/advisor for placement. Options Include: MATH 1314 – College Algebra MATH 1316 – Plane Trigonometry MATH 1324- Math for Business & Social Science MATH 1325- Calculus for Business & Social Science MATH 1332- Contemporary Math I Math 1342/1442 – Elementary Statistical Methods MATH 1350, 1351 – Mathematics for Teachers I & II MATH 2318/2418 – Linear Algebra MATH 2412 – Pre-Calculus Math MATH 2413, 2414 – Calculus I & II</p>
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<p>Dual Credit Core Science options: See counselor/advisor for placement. Courses include: BIOL 1406, 1407 (Biology for science majors I & II) BIOL 1408, 1409 (Biology for non-science majors I&II) BIOL 2401, 2402 – Anatomy and Physiology I & II BIOL 2406 – Environmental Biology BIOL 2420 – Micro-Biology for non-science majors BIOL 2421 – Micro-Biology for science majors CHEM 1405, 1407 – Introduction to Chemistry I & II CHEM 1411, 1412 – General Chemistry I & II GEOL 1401, 1402 – Earth Science I & II for non-science majors GEOL 1405 – Environmental Science PHYS 1401, 1402 (Algebra-based Physics I&II) PHYS 1405, 1407 (Elementary Physics I&II) PHYS 1415 – Physical Science I PHYS 2425, 2426 – University Physics I & II</p>	<p>Behavioral/Social Sciences Options: See counselor/advisor for placement. Courses include: BIOL 1322 – Nutrition & Diet Therapy CRIJ 1301 – Introduction to Criminal Justice CRIJ 1307 – Crime in America ECON 2301 – MacroEconomics ECON 2302 – MicroEconomics PHED 1304 – Personal/Community Health PSYC 2301 – General Psychology PSYC 2314 – Lifespan Growth and Development SOCI 1301 – Introduction to Sociology SOCI 2319 – Minority Studies TECA 1354 – Child Growth and Development</p>
<p>Dual Credit Language, Philosophy, and Culture options: See counselor/advisor for placement. Courses Include:</p>	

PHIL 1301 – Intro to Philosophy

PHIL 2306 – Introduction to Ethics

ENGL 2322 – British Literature I

ENGL 2332 – World Literature I

ENGL 2333 – World Literature II



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ECHS 4-Year Plan
Associate of Applied Science in Personal Computer Support

SCHOOL INFORMATION

Independent School District: Dallas ISD

Early College High School: South Oak Cliff High School

Dallas College: El Centro DCCCD Catalog Year: 2020 – 2021/ **Class of 2024**

CAREER INFORMATION

Pathway: _____ High School Plan: Computer Information Technology/STEM

Endorsements: _____

Certificates: Technology Support Certificate	
(All credit rqmts should be complete before change)	

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12th Grade	
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Fall	ITSW 1410 – Introduction to Presentation Graphics Software (AAS) DISD #5251	Fall	IMED 1416 – Web Design I (C1, AAS) DISD #5246
Spring	POFI 1349 – Spreadsheets (ITSW 1404)	Spring	ITSC 2339 – Personal Computer Help Desk Support (AAS) DISD #7956
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See counselor/advisor for placement. Courses Include:

PHIL 1301 – Intro to Philosophy

PHIL 2306 – Introduction to Ethics

ENGL 2322 – British Literature I

ENGL 2332 – World Literature I

ENGL 2333 – World Literature II