

East Central High School

2025-26

Learning Today. Leading Tomorrow.

Grade 10-12

Students are to self register their course requests by 12/31/24. Guidance Counselors will meet with students individually in January to review their selections and their 4 year plans.

NO STUDENT/PARENT REQUESTED CHANGES WILL BE HONORED AFTER THE LAST DAY OF THIS SCHOOL YEAR.

Please refer to the ECHS Curriculum Guide for course descriptions and graduation requirements prior to registering for classes.

AGRICULTURE

Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
Ag Power, Structure & Tech I		AGRI 106	508803/508833	10-12	FY	Landscape Mgt Capstone (Land II)			723401/723411	11-12	FY
Ag Structures, Fabrication & Design			711201/711211	10-12	FY	Natural Resources Mgt		AGRI115	518001/518011	10-12	FY
Animal Science		AGRI 103	500801/500811	10-12	FY	Principles of Agriculture		AGRI 100/102	711701/711733	9-11	FY
Horticultural Science		AGRI 116/117	513201/513233	10-12	FY	Supervised Ag. Experience			522801/522811	10-12	ES
Landscape and Turf Management (Land I)		AGRI 164/165	711501/711533	10-12	FY						

2024-25 Animal Science (AGRI 103) is rotating with 2025-26 Natural Resources Mgt (AGRI115)

BUSINESS ACADEMY

Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
Principles of Business Management		BUSN 101 CINS 101	456201/456244	9-10	FY	Information Technology- Drop Zone			457801/457811	10-12	FY
Management Fundamentals (Trojan Exchange I)		BUSN105	714301/714311	11	FY	Information Tech Technology- Drop Zone II			457802/457822	11-12	FY
Business Administration Capstone (Trojan Exchange II)		BOAT 216	725601/725611	12	FY	Marketing Fundamentals		MKTG 101/102	591402/591444	10-12	FY
Accounting Fundamentals		ACCT 101	452402/452422	10-11	FY	Prep for College & Careers* Required for 10th grade			539400	10	ES
Advanced Accounting		ACCT 106/122	452201/452233	11-12	FY	Principles of Broadcasting			713901/713911	9-12	FY
Principles of Computing (CSI)		SDEV120	718301/718311	9-12	FY	Audio & Video Production "Trojan Media Productions I"			730601/730611	10-12	FY
Website & Database Development		SDEV 153	718501/718511	10-12	FY	Mass Media Production "Trojan Media Productions II"			730701/730711	11-12	FY
Computer Science II: Software Dev. I		SDEV140	718401/718411	10-11	FY	Radio & TV Broadcasting Capstone			730801/730811	12	FY
Software Development Capstone			725301/725311	11-12	FY	Computing Foundations for a Digital Age* Required for New Indiana Diploma			456500	10	ES

ENGINEERING & TECH ED

Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
Computer Integrated Manufacturing			553401/553411	11-12	FY	PLTW Digital Electronics		EECT112	553801/553811	11-12	FY
Manufacturing Principles and Design (CAD)		DESN220	720201/720211	10-12	FY	PLTW Engineering Design & Develop.			569801/569811	12	FY
Construction II (Intro to Construction)			479201/479211	9-12	FY	PLTW Introduction to Engineering Design		DESN101/113	480201/480233	9-12	FY
Engineering Essentials			719900	8	ES	PLTW Principles of Engineering		DESN104	564401/564411	10-12	FY
Environmental Sustainability			481801/481811	11-12	FY	Principles of Industry 4.0 & Digital Manufacturing Robotics I			722001/722011	9-12	FY
Intro to Transportation			479801/479811	9-12	FY	Robotics Design & Innovation Robotics II			472801/472811	10-12	FY
PLTW Aerospace Engineering			551801/551811	11-12	FY	Smart Manufacturing Systems Robotics III			710001/710011	11-12	FY
PLTW Civil Engineering & Architecture		DESN 105	565001/565011	11-12	FY						

ENGLISH / LANGUAGE ARTS

Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
English 9			100201/100211	9	FY	English 12			100801/100811	12	FY
English 9 Honors			100202/100222	9	FY	English 12 Honors			100802/100822	12	FY
English 10			100401/100411	10	FY	AP English Literature & Comp		AP	105801/105811	11-12	FY
English 10 Honors			100402/100422	10	FY	Film Literature			103400	11-12	S1
English 11			100601/100611	11	FY	Speech		COMM101	112400	11-12	ES
English 11 Advanced		ENGL 111	100603/100633	11-12	FY	Student Media: Yearbook			108601/108611	11-12	FY
English 12 Advanced		ENGL 111	100803/100833	11-12	FY						

FAMILY & CONSUMER SCIENCES

Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
Adv Child Development I & II			536001/536011	10-12	FY	Principles of Culinary & Hospitality (ProStart I)	YES	HOSP 101/102	717301/717311	11	FY
Adv Nutrition & Wellness I & II			534001/534011	9-12	FY	Nutrition (*must be taken with Prin. of Culinary)		HOSP104	717101/717111	11	FY
Introduction to Fashion & Textiles I & II(Fine Arts Credit)			538001/538011	9-12	FY	Culinary Arts (ProStart II)		HOSP 103/105	716901/716911	12	FY
Principles of Fashion and Textiles		FASH 102	730101/730111	9-11	FY	Culinary Capstone (*must be taken with Culinary Arts)		HOSP 106	723301/723311	12	FY
Textiles, Apparel & Merchandising		FASH 100	730201/730211	10-12	FY	Principles of Human Service (FCCLA)			717601/717611	9-10	FY
Advanced Textiles			730301/730311	11-12	FY	Understanding Diversity (FCCLA)			717402/717422	10-12	FY
Fashion & Textiles Capstone			730401/730411	12	FY	Relationships & Emotions (FCCLA)			717701/717711	11-12	FY
Principles of Teaching*		EDUC101	716101/716111	11-12	FY	Human Services Capstone (FCCLA)			724101/724111	12	FY
Child & Adolescent Development*		EDUC121	715701/715711	11-12	FY	Principles of Human Service			717602/717622	10	FY
Teaching and Learning*		EDUC201	716201/716211	11-12	FY	Understanding Diversity			717401/717411	11-12	FY
Education Profession Capstone		EDUC 230/235	726701/726711	12	FY	Relationships & Emotions *			717702/717722	11-12	FY
Intro. to Culinary Arts & Hospitality I & II			543801/543811	10-12	FY	Human Services Capstone (*must be taken with Relationships & Emotions)			724102/724122	12	FY

FINE ARTS

Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
AP Drawing		AP	404801/404811	11-12	FY	Printmaking			406600	10-12	ES
Ceramics I & II (III & IV available)			404001/404011	10-12	FY	Musical Theatre			051800	9-12	S2
Digital Design: Photoshop			408201	10-12	S1	Vocal Jazz I - Show Choir (no audition)			418402/418422	9-12	FY
Digital Design: Adv. Photoshop or Animation			408211 408222	10-12	S2	Vocal Jazz II - Show Choir (Audition)			418401/418411	10-12	FY
Drawing I			406000	9-12	ES	Advanced Chorus: Concert			418801/418811	9-12	FY
Drawing II			406011	9-12	S2	AP Music Theory		AP	421001/421011	11-12	FY
Introduction to 2-D Art			400000	8-12	ES	Percussion Ensemble & Color Guard			416201/416211	9-12	FY
Introduction to 3-D Art			400200	9-12	ES	Concert Band			416802/416822	9-12	FY

Jewelry			404200	10-12	ES	Jazz Ensemble			416401/416411	9-12	FY
Painting / Adv. Painting			406401/406411	9-12	S1/S2	Piano & Electronic Keyboard (I, II, III & IV)			420400/402011	10-12	ES
Photography: Digital / Adv. Digital			406202/406222	10-12	S1/S2						
GENERAL SUPPORT						SENIOR SPECIALITY COURSES					
Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
Basic Skills Lab (Resource)			050001/050011	9-12	FY	Health Science: Special Topics (Athletic Training)			528602/528622	12	FY
College Entrance Test Preparation			053200	10	ES	ICE - Interdisciplinary Cooperative Ed	7:30 start time 2x weekly		616201/616211	12	FY
HEALTH & PHYSICAL ED											
Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
Elective P E - Strength Training-all			356001/356011	10-12	S1/S2	Physical Education I - Boys			354201	9-12	S1
Elective PE - IHSAA Official Training			356004/356044	11-12	ES	Physical Education II - Boys			354411	9-12	S2
Elective PE - Lifeguard Certification		(fees apply)	356000	10-12	ES	Physical Education I - Girls			354202	9-12	S1
Health & Wellness Ed			350600	9-12	ES	Physical Education II - Girls			354422	9-12	S2
MATHEMATICS											
Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
Algebra I			252001/252011	8-10	FY	AP Statistics		AP	257001/257011	11-12	FY
Algebra 1 TR "A"			252002/252022	10-12	FY	Finite Mathematics		MATH 135	253002/253022	11-12	FY
Algebra 1 TR "B"			252003/252033	10-12	FY	Geometry			253201/253211	10-12	FY
Algebra 1 TR Lab			251602/251622	9-12	FY	Geometry Honors			253202/253222	9-12	FY
Algebra II			252201/252211	9-12	FY	Pre-Calculus Alg & Trig (State Code: 2564 & 2566)		MATH 136/137	254402/254422	11-12	FY
Algebra II Honors			252202/252222	9-12	FY	Pre-Calculus Alg Honors & Trig Honors		MATH 136/137	254403/254433	11-12	FY
Analytical Algebra II (*Consent form required)			252401/252411	10-12	FY	Probability & Statistics			254600	10-12	ES
AP Calculus AB (State Code: 2562)		MATH211	254404/254444	11-12	FY	Pre-Calc - Trigonometry			256600	11-12	ES
AP Calculus BC (State Code: 2544)		MATH212	254408/254488	11-12	FY						
NON CREDIT											
Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
Study Hall			800101/800111	9-12	S1/S@						
SCIENCE											
Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
Advanced Science, Botany & Zoology			309201/309211	11-12	FY	Chemistry II (State Code: 3066)		CHEM 101	309003/309033	10-12	FY
Anatomy & Phys (State Code 5276)		APHY101	309002/309022	11-12	FY	Earth and Space Science			304401/304411	9-12	FY
Advanced Science (AP Bio) *10 Dual Credits		BIOL105/107	309004/309044	11-12	FY	Environmental Science *NEW			301001/301011	9-12	FY
AP Chemistry *10 Dual Credits		CHEM 105/106	306001/306011	11-12	FY	Integrated Chemistry-Physics			310801/310811	10-12	FY
Biology I			302401/302411	9-12	FY	PLTW Bio-Med I - Principles of Biomedical Science			521801/521811	9-10	FY
Biology I Honors			302402/302422	9-12	FY	PLTW Bio-Med II - Human Body Systems			521601/521611	10-11	FY
Biology II (State Code: 3026)		BIOL101	309001/309011	10-12	FY	PLTW Bio-Med III - Medical Interventions			521701/521711	11-12	FY
Chemistry I			306401/306411	10-12	FY	Physics			308401/308411	11-12	FY
SOCIAL STUDIES											
Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
AP European History		AP	155601/155611	12	FY	Psychology			153200	11-12	ES
AP Microeconomics		AP	156600	12	ES	Sociology			153400	11-12	ES
AP World History Modern		AP	161201/161211	10-12	FY	U. S. Government - Dual Credit		POLS101	154011	12	ES
Economics			151400	12	ES	U. S. Government			154000	12	ES
Ethnic Studies			151601	9-12	S1	U. S. History - Dual Credit		H101/102	157401/157411	11-12	FY
Geography & History of the World			157001/157011	9-12	FY	U. S. History			154201/154211	11-12	FY
Indiana Studies			151800	9-12	S2	World History & Civilization			154801/154811	9-12	FY
WORLD LANGUAGES											
Course Name	Cert.	Dual Cr.	Course #	GR.	TERM	Course Name	Cert.	Dual Cr.	Course #	GR.	TERM
French I			202001/202011	9-12	FY	Japanese III			206401/206411	10-12	FY
French II			202201/202211	9-12	FY	Japanese IV (Japanese V 206801/206811)			206601/206611	11-12	FY
French III (State Code #2024)		FREN101/102	215201/215211	10-12	FY	Spanish I			212001/212011	8-12	FY
French IV (State Code #2026)		FREN201/202 or F250	215202/215222	11-12	FY	Spanish II			212201/212211	9-12	FY
Japanese I			206001/206011	8-12	FY	Spanish III (State Code #2124)		SPAN 101/102	215203/215233	10-12	FY
Japanese II			206201/206211	9-12	FY	Spanish IV (Spanish V, 212801/212811)			212601/212611	11-12	FY
Southeastern Career Center (https://www.sccusa.org)											
Course Name	Cert.	Dual Cr.	GR.	TERM	Course Name	Cert.	Dual Cr.	GR.	TERM		
Automotive Technology	Y	Yes		11-12	FY	Electrical Trades	Y	Yes		11-12	FY
Aviation Maintenance (NEW!)	Y	Yes		11-12	FY	Fire and Rescue	Y	Yes		11-12	FY
Building Trades	Y	Yes		11-12	FY	Health Science *Self transportation 2nd year	Y	Yes		11-12	FY
Computer Repair/Networking	Y	Yes		11-12	FY	Heavy Equipment *Drivers license required	Y	Yes		11-12	FY
Cosmetology *Self transportation	Y	Yes		11-12	FY	Digital Design	Y	Yes		11-12	FY
Culinary	Y	Yes		11-12	FY	Precision Machining (Back by demand!)	Y	Yes		11-12	FY
Criminal Justice	Y	Yes		11-12	FY	Veterinary Science *Self transportation 2nd year	Y	Yes		11-12	FY
Dental Career	Y	Yes		11-12	FY	Welding Technology (2 yr for cert)	Y	Yes		11-12	FY
Diesel Service Technology	Y	Yes		11-12	FY						
Ivy Tech (Certificate Programs) *see page __101__ for details.											
Accounting	Y	Yes		11-12	FY	Design Technology	Y	Yes		11-12	FY
Agriculture	Y	Yes		11-12	FY	Hospitality	Y	Yes		11-12	FY
Business Administration	Y	Yes		11-12	FY	Software Development	Y	Yes		11-12	FY
Elementary Education	Y	Yes		11-12	FY	Machine Tool Technology	Y	Yes		11-12	FY

