

## Linn-Mar High School Course Offering Menu 2010-2011

Department	Course Title	Course Number(s)	Pre-Req.	Cr. Hrs.	Format	Length	Elect/Req	Grade(s)
<b>Agri/Aquaculture</b>	General Ag. Science	AGR 110	N	10	Block	2 Qtr	E	9-12
	Intro to Veterinary Science	AGR205	N	5	Block	1Qtr	E	10-12
	Ag. Bus. Sales/Marketing (Odd Yrs)	AGR210	N	5	Block	1 Qtr	E	10-12
	Veterinary Science	AGR 220	AGR205	5	Block	1 Qtr	E	10-12
	Aquaculture Sciences	AGR225	N	5	Block	1 Qtr	E	10-12
	Botany (plant science)	AGR230	N	5	Block	1 Qtr	E	10-12
	Environmental Field Science	SCI220	SCI110, AGR110,or SCI210	5	Block	1Qtr	E	9-12
	Landscape Horticulture	AGR235	N	5	Block	1 Qtr	E	10-12
	Nat. Res. Con. (Wildlife Mgmt.)	AGR310	N	5	Block	1 Qtr	E	10-12
	Agribusiness Mgmt. (Even Yrs)	AGR325	N	5	Block	1 Qtr	E	10-12
	Advanced Aquaculture Science	AGR335	AGR225	5	Block	1Qtr	E	10-12
	Greenhouse Management	AGR345	AGR230	5	Block	1Qtr	E	10-12
<b>Art</b>	Design: Art Basics/Art Fundamentals	ART110	N	5	Block	1 Qtr	E	9-12
	Beginning Drawing	ART115	ART110	5	Block	1 Qtr	E	9-12
	Beginning Ceramics	ART125	ART110	5	Block	1 Qtr	E	9-12
	Beginning Painting	ART135	ART110	5	Block	1 Qtr	E	9-12
	3D Art	ART145	ART110	5	Block	1 Qtr	E	9-12
	Intermediate Drawing	ART215	ART115	5	Block	1 Qtr	E	9-12
	Intermediate Ceramics	ART225	ART125	5	Block	1 Qtr	E	9-12
	Intermediate Painting	ART235	ART135	5	Block	1 Qtr	E	9-12
	Advanced Drawing	ART315	ART115	5	Block	1 Qtr	E	10-12
	Advanced Ceramics	ART325	ART225	5	Block	1 Qtr	E	10-12
	Advanced Painting	ART335	ART235	5	Block	1 Qtr	E	10-12
	Illustrator (Digital Drawing)	ART410	ART110	5	Block	1 Qtr	E	11-12
	Advanced Art	ART450	Approval	5	Block	1 Qtr	E	11-12
	AP Art History	ART500	N	15	Block	3 Qtr	E	10-12
<b>Business</b>	Business for Teens	BUS110	N	5	Block	1Qtr	E	9-10
	Computer Business Applications	BUS115	N	5	Block	1Qtr	E	9-12
	Adv. Computer Business Applications	BUS215	BUS115	5	Block	1Qtr	E	9-12
	Web Design Principles	BUS315	BUS115	5	Block	1Qtr	E	9-12
	Accounting	BUS330	N	10	Block	2 Qtr	E	11-12
	Sales and Marketing	BUS355	N	5	Block	1 Qtr	E	11-12
	PowerPoint Multimedia	BUS405	N	5	Block	1Qtr	E	9-12
	Business/Consumer Law	BUS410	N	5	Block	1 Qtr	E	11-12
	Advanced Accounting	BUS430	BUS330	10	Block	2 Qtr	E	12
	Entrepreneurship	BUS460	N	5	Block	1 Qtr	E	11-12
	MOC Related	BUS450	Approval	10	40 min.	2 Sem.	E	12
	MOC Internship	BUS440	Approval	20	Block	4 Qtr	E	12

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English	Academic Literacy	ENG105	Approval	5	Block	1 Qtr	Meets Req	9
	English 9	ENG110	N	10	Block	2 Qtr	Required	9
	English I	ENG130	N	10	Block	2 Qtr	Meets Req	9
	Academic Literacy II	ENG205	Approval	5	Block	1 Qtr	Meets Req	10
	English II	ENG210	ENG110	10	Block	2 Qtr	Required	9-10
	Journalism I	ENG220	ENG210	5	Block	1 Qtr	Meets Req	10-12
	Speech	ENG310	N	5	Block	1 Qtr	Meets Req	10-12
	Academic Literacy III	ENG305	N	5	Block	1 Qtr	Meets Req	10-12
	English III	ENG315	ENG210	10	Block	2 Qtr.	Required	10-12
	British Literature	ENG340	ENG210	5	Block	1 Qtr	Meets Req	10-12
	Classics	ENG350	ENG210	5	Block	1 Qtr	Meets Req	11-12
	Contemporary Literature	ENG360	ENG210	5	Block	1 Qtr	Meets Req	10-12
	Acting	ENG370	ENG210	5	Block	1 Qtr	Meets Req	10-12
	Creative Writing	ENG410	ENG110	5	Block	1 Qtr	Meets Req	10-12
	College Writing	ENG420	ENG315	5	Block	1 Qtr	E	10-12
	College Grammar	ENG430	ENG210	5	Block	1 Qtr	E	10-12
	Selected Authors	ENG380	ENG210	5	Block	1 Qtr	E	10-12
	Advanced Placement English	ENG510	ENG315 and ENG420	15	Block	3 Qtr	E	12
	College Reading	ENG450	ENG210	5	Block	1 Qtr	E	10-12
	Eng. Lang. Learners I	ENG140	Approval	10	40 min.	2 Sem.	Meets Req	9-12
	Eng. Lang. Learners II - Reading	ENG245R	Approval	10	40 min.	2 Sem.	Meets Req	9-12
	Eng. Lang. Learners II - Composition	ENG245C	Approval	10	40 min.	2 Sem.	Meets Req	9-12
	Eng. Lang. Learners III - Reading	ENG255R	Approval	10	40 min.	2 Sem.	Meets Req	9-12
	Eng. Lang. Learners III - Composition	ENG255C	Approval	10	40 min.	2 Sem.	Meets Req	9-12
	Eng. Lang. Learners III - College Prep	ELL001CP	Approval	10	40 min.	2 Sem.	Meets Req	9-12
	Eng. Lang. Learners - Directed Study	ELL001DS	Approval	10	40 min.	2 Sem.	Meets Req	9-12
Fam. & Cons. Sci.	Teen Living	FAM110	N	10	Block	2 Qtr	E	9
	Culinary Basics	FAM210	N	5	Block	1 Qtr	E	10-12
	Clothing/Creative Sewing	FAM220	N	5	Block	1 Qtr	E	10-12
	Housing & Interior Design	FAM240	N	5	Block	1 Qtr	E	10-12
	Creative Foods	FAM310	FAM110/210	5	Block	1 Qtr	E	10-12
	Child Development I	FAM330	N	5	Block	1 Qtr	E	11-12
	Independent Living	FAM350	N	5	Block	1 Qtr	E	11-12
	Quantity Meals	FAM420	FAM110/210	5	Block	1 Qtr	E	10-12
	Child Development II	FAM430	FAM330	5	Block	1 Qtr	E	11-12
	Parenting	FAM435	FAM330	5	Block	1Qtr	E	11-12

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Foreign Language	French I	FOR110	N	10	40 min.	2 Sem.	E	8-12
	Spanish I	FOR130	N	10	40 min.	2 Sem.	E	8-12
	French II	FOR210	FOR110>75%	10	40 min.	2 Sem.	E	9-12
	Spanish II	FOR230	FOR130>75%	10	40 min.	2 Sem.	E	9-12
	French for Spanish Speakers	FOR240	FOR330>80%	10	40 min.	2 Sem.	E	9-12
	French III	FOR310	FOR210>75%	10	40 min.	2 Sem.	E	10-12
	Spanish III	FOR330	FOR230>75%	10	40 min.	2 Sem.	E	10-12
	French IV	FOR410	FOR310>75%	10	40 min.	2 Sem.	E	11-12
	Spanish IV	FOR430	FOR330>75%	10	40 min.	2 Sem.	E	11-12
	French V	FOR510	FOR410>75%	10	40 min.	2 Sem.	E	12
	Spanish V	FOR530	FOR430>75%	10	40 min.	2 Sem.	E	12
Guidance	Work Experience	GUI410	Approval	5	Arranged	1 Qtr	E	11-12
	Internship	WOR100	N	5	Arranged	1 Qtr	E	11-12
Health & PE	Health	HPE250	N	5	Block	1 Qtr	Required	10
	Physical Education-9	HPE110	N	5	Block	1 Qtr	Required	9
	Physical Education-10	HPE210	N	5	Block/40min	1 Qtr/1 Sem	Required	10
	Physical Education-11	HPE310	N	5	Block/40min	1 Qtr/1 Sem	Required	11
	Physical Education-12	HPE410	N	5	Block/40min	1 Qtr/1 Sem	Required	12
	Health Careers	HPE450	Approval	20	Block	4 Qtr	E	12
Industrial Tech.	Mechanical Drawing I	IND110	N	5	Block	1 Qtr	E	9-12
	Construction I	IND120	N	5	Block	1 Qtr	E	9-12
	Construction II	IND125	IND120	5	Block	1 Qtr	E	11-12
	Energy/Power/Transportation	IND130	N	5	Block	1 Qtr	E	9-12
	Graphic Communications	IND140	N	5	Block	1 Qtr	E	9-12
	Mechanical Drawing II	IND210	IND110	5	Block	1 Qtr	E	9-12
	Architectural Drawing	IND220	IND110	5	Block	1 Qtr	E	10-12
	Electricity/Electronics	IND230	MAT170	10	Block	2 Qtr	E	10-12
	Woodworking	IND240	N	10	Block	2 Qtr	E	10-12
	Woodworking II	IND250	IND240	5	Block	1 Qtr	E	10-12
	Metalworking	IND310	N	10	Block	2 Qtr	E	11-12
	Power Mechanics	IND320	N	5	Block	1Qtr	E	11-12
	Photoshop I	IND330	ART110	5	Block	1 Qtr	E	10-12
	Page Layout	IND340	ART110/IND140	5	Block	1 Qtr	E	10-12
	Building Trades	IND500	Approval	20	Block	2 Qtr	E	12
	Digital Electronics	IND620	SCI600/SCI610	10	Block	2 Qtr	E	10-12
	Welding	KWD420	Approval	20	Block	2 Qtr	E	11-12
	Auto Collision Repair	KWD430	Approval	20	Block	2 Qtr	E	11-12

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<b>Mathematics</b>	Pre-Transition Math	MAT105	Approval	10	40 min.	2 Sem.	Meets Req.	9-12
	Transition Math	MAT110	N	10		2 Sem.	Meets Req.	9-12
	Transition Math	MAT110	Approval	10	40 min.	2 Sem.	Meets Req.	9-12
	Algebra Fundamentals I	MAT150	Approval	10	40 min.	2 Sem.	Meets Req.	9-12
	Algebra Fundamentals II	MAT155	MAT150	10	40 min.	2 Sem.	Meets Req.	9-12
	Algebra	MAT170	MAT110	10	40 min.	2 Sem.	Meets Req.	9-12
	Geometry	MAT220	MAT170	10	40 min.	2 Sem.	Meets Req.	9-12
	Advanced Algebra	MAT270	MAT220	10	40 min.	2 Sem.	Meets Req.	9-12
	Functions, Statistics, Trig.	MAT320	MAT270	10	40 min.	2 Sem.	Meets Req.	9-12
	Probability and Statistics	MAT330	MAT270	5	40 min.	1 Sem.	Meets Req.	11-12
	Pre-Calculus and Discrete Math	MAT420	MAT320	10	40 min.	2 Sem.	Meets Req.	9-12
	College Mathematics	MAT430	3 yrs. HS Math	2.5	40 min.	1 Qtr.	Meets Req.	12
	Advanced Placement Calculus (AB)	MAT510	MAT420	10	40 min.	2 Sem.	Meets Req.	10-12
	Advanced Placement Calculus (BC)	MAT520	MAT420	15	40 min/Block	2 Sem.	Meets Req.	10-12
	Advanced Placement Statistics	MAT530	MAT320	10	40 min.	2 Sem.	Meets Req.	10-12
<b>Music</b>	Ninth Grade Band	MUS110	MS Band	10	40 min.	2 Sem.	E	9
	Ninth Grade Choir	MUS120	N	10	40 min.	2 Sem.	E	9
	Concert Orchestra	MUS230	Approval	10	40 min.	2 Sem.	E	9-11
	Marching Band	MUS280	N	2.5	Early Bird	1 Qtr.	E	10-12
	Concert Band: Wind Ensemble	MUS200A	MUS110	10	40 min.	2 Sem.	E	10-12
	Concert Band: Wind Symphony	MUS200B	MUS110	10	40 min.	2 Sem.	E	10-12
	Concert Band: Symphonic Band	MUS200C	MUS110	10	40 min.	2 Sem.	E	10-12
	Concert Choir: Select Women's Chr.	MUS210C	MUS120	10	40 min.	2 Sem.	E	10-12
	Concert Choir: Concert Chorale	MUS210B	MUS120	10	40 min.	2 Sem.	E	10-12
	Concert Choir: Chamber Singers	MUS210A	MUS120	10	40 min.	2 Sem.	E	10-12
	Symphonic Strings	MUS240	Approval	10	40 min.	2 Sem.	E	9-12
	Band/Orchestra	MUS250	Approval	10	40 min.	2 Sem.	E	10-12

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<b>Science</b>	Earth/Physical Science	SCI110	N	10	Block	2 Qtr	Meets Req.	9-12
	Geology	SCI380	MAT220orMAT170/SCI110	5	Block	1 Qtr	E	10-12
	Meteorology/Astronomy	SCI390	MAT220orMAT170/SCI110	5	Block	1 Qtr	E	10-12
	Biology Fundamentals I	SCI205	Approval	10	Block	2 Qtr	Meets Req.	10-12
	Biology Fundamentals II	SCI215	Approval	10	Block	2 Qtr	Meets Req.	10-12
	General Biology	SCI210	N	10	Block	2 Qtr	Required	9-12
	Environmental Field Science	SCI220	SCI110, AGR110,or SCI210	10	Block	2 Qtr	Meets Req.	10-12
	General Chemistry	SCI310	MAT170	10	Block	2 Qtr	Meets Req.	10-12
	Chemistry I	SCI320	SCI210	10	Block	2 Qtr	Meets Req.	9-12
	General Physics	SCI350	MAT270	10	Block	2 Qtr	Meets Req.	10-12
	Bioethics	SCI370	SCI210	5	Block	1 Qtr	E	10-12
	Anatomy and Physiology	SCI410	SCI210	10	Block	2 Qtr	E	10-12
	Advanced Placement Biology	SCI510	Approval	15	Block	3 Qtr	E	10-12
	Advanced Placement Chemistry	SCI520	Approval	15	Block	3 Qtr	E	10-12
	Advanced Placement Physics (B)	SCI530	Approval	15	Block	3 Qtr	E	10-12
	Intro to Engineering Design	SCI600	MAT170	10	Block	2 Qtr	E	9-12
	Principles of Engineering	SCI610	MAT170, SCI600	10	Block	2 Qtr	E	10-12
Biotechnical Engineering	SCI630	SCI210 and MAT170	10	Block	2 Qtr	E	10-12	
<b>Social Studies</b>	U.S. History 9	SOC110	N	10	Block	2 Qtr	Required	9
	U.S. History I	SOC130	Approval	10	Block	2 Qtr	Meets Req.	9
	World History	SOC270	N	10	Block	2 Qtr	Required	10-12
	Economics	SOC310	N	5	Block	1 Qtr	Meets Req.	11-12
	Law and the Constitution	SOC320	N	5	Block	1 Qtr	Meets Req.	11-12
	Sociology	SOC330	N	5	Block	1 Qtr	Meets Req.	11-12
	Introductory Psychology	SOC340	N	5	Block	1 Qtr	Meets Req.	11-12
	Government	SOC400	N	5	Block	1 Qtr	Required	12
	Advanced Placement World History	SOC540	N	15	Block	3 Qtr	Meets Req.	10-12
	Advanced Placement U.S. History	SOC520	SOC110/120	15	Block	3 Qtr	Meets Req.	10-12
	Advanced Placement U.S. Govt	SOC500	N	10	Block	2 Qtr	Meets Req.	11-12
Advanced Placement Psychology	SOC530	SOC340	10	Block	2 Qtr	Meets Req.	11-12	
<b>Talented and Gifted</b>	Freshman Seminar TAG 1	TAG410	Approval	2.5	40 min.	1 Qtr.	E	9
	Independent Study TAG 3	TAG480	Approval	3	TBA	1 Sem.	E	10-12
	Independent Study TAG 5	TAG510	Approval	5	TBA	1 Sem.	E	10-12

