

# Arts Elective

**Choose one course from the list below**

ART 1010	History of Western Art I	3	ART 1020	History of Western Art II
ART 1030	Introduction to Art Appreciation	3	ART 2611	Introduction to the History of Photography
ART 2612	Introduction to History of World Architecture	3	ART 2614	History of American Art I
ART 2616	History of American Art II	3	ART 2618	Art of Native Cultures
ART 2620	The Art of Ancient Americas	3	DAN 1210	History of Western Dance
MUS 1020	Music Appreciation	3	MUS 1201	Music of the Eighteenth and Nineteenth Centuries
MUS 1202	A Survey of Twentieth Century American Music	3	MUS 1203	History of Jazz
THE 1010	Introduction to Play Production	3	THE 1100	Introduction to Theatre
THE 2410	Major Movements in Western Theatre	3		

# Humanities Elective

**Choose one course from the list below**

ENG 2010	English Literature I	3	ENG 2020	English Literature II
ENG 2030	Introduction to Literature: Short Novel and Novel	3	ENG 2040	Introduction to Drama
ENG 2070	Introduction to Poetry	3	ENG 2140	The Film as an Art Form
ENG 2145	American Cinema/American Culture	3	ENG 2150	Advanced Film
ENG 2200	American Literature I	3	ENG 2210	American Literature II
ENG 2230	Connections: Contemporary Writers and Issues	3	ENG 2235	Contemporary American Poetry
ENG 2240	African-American Literature	3	ENG 2250	Women Writers
ENG 2260	Ethnic American Literature	3	ENG 2270	Latin American Literature and Film
ENG 2320	World Literature I	3	ENG 2330	World Literature II
ENG 2810	The Vietnam War in Film and Literature	3	ENG 2840	The Civil War in Film and Literature
PHL 1010	Introduction to Philosophy	3	PHL 1020	Introduction to Logic
PHL 1030	Introduction to Religion	3	PHL 1050	Science and Human Understanding
PHL 1400	Social Ethics	3	PHL 1410	Topics in Contemporary Ethics
PHL 1420	Law and Society	3	PHL 1430	Business Ethics

# Social and Behavioral Sciences

## Choose one course from the list below

ENV 1400	Environmental Law and Regulations	3	GRY 1050	World Regional Geography
GRY 1100	Introduction to Geography	3	GRY 2020	Introductory Cultural Geography
POL 1010	American Government	3	POL 1050	Introduction to Government and Politics
POL 2010	State and Local Government	3	POL 2020	International Relations
POL 2040	Political Ideologies	3	POL 2110	Social Policy
PSY 1010	General Psychology	3	PSY 2050	Human Development Through the Life Span
SOC 1010	Introduction to Sociology	3	SOC 2010	Technology and Society
SOC 2100	Social Problems	3		

# Biological and Physical Sciences

## Choose two courses from the list below

AST 1010	Introduction to Astronomy	3	BIO 1010	Botany
BIO 1020	Zoology	3	BIO 1040	Introduction to Human Anatomy and Physiology
BIO 1060	Principles of Biology I	3	BIO 1070	Principles of Biology II
BIO 1080	Biology and Ecology of the Chesapeake Bay	3	BIO 1200	Introduction to Oceanography
BIO 2010	Microbiology - Lecture	3	BIO 2017	General Ecology
BIO 2030	Marine Biology	3	BIO 2040	Principles of Genetics
BIO 2070	Integrated Human Anatomy and Physiology I	3	BIO 2080	Integrated Human Anatomy and Physiology II
BIO 2560	Tropical Marine Ecology	4	CHE 1200	General Chemistry I
CHE 1210	General Chemistry II	3	CHE 1230	Principles of Organic and Biochemistry
CHE 2200	Organic Chemistry I	3	CHE 2210	Organic Chemistry II
ENV 1010	Earth Science	4	ENV 1300	Environmental Science
GEO 1010	Physical Geology	3	GRY 1110	Introduction to Physical Geography
PHY 1010	Fundamentals of Physics I	3	PHY 1020	Fundamentals of Physics II
PHY 1210	General Engineering Physics I	3		

Note: Biological and Physical Science Electives CSM requires a total of 7 credit hours.

# Technical Specialty

## Choose 12 credit hours from the list below

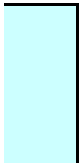
EGR 1100	Introduction to Engineering	3	EGR 1210	Mechanics I (Statics)
EGR 2200	Mechanics of Materials	3	EGR 2210	Mechanics II (Dynamics)
EGR 2310	Circuit Analysis	3	EGR 2440	Digital Logic Circuit Design
ELT 1015	Basic Electronics	4	ELT 1030	Semiconductors
ELT 2010	Electronic Circuits	4	ELT 2020	Computer Circuits
ELT 2030	Communication Circuits	4	ELT 2060	PC Boards and Soldering
ITS 1020	Operating Systems Concepts	3	ITS 1040	Systems Analysis and Design
ITS 1045	Fundamentals of Electronics	3	ITS 1110	Program Design and Development
ITS 1120	Introduction to Database	3	ITS 1200	The Internet and Web Application Essentials
ITS 1215	Homesteading on the World Wide Web	3	ITS 1220	Principles of OOP and JavaScript
ITS 1310	COBOL Programming	3	ITS 1321	Advanced COBOL Programming
ITS 1390	Programming Concepts for Engineering	4	ITS 1710	Pascal Language Programming I
ITS 1720	Pascal Language Programming II	3	ITS 1819	Database Applications Programming
ITS 1820	Advanced Database Applications Processing	3	ITS 1910	Assembler Programming
ITS 1960	Introduction to Unix	3	ITS 2090	Computer Security
ITS 2120	Local Area Network Administration	3	ITS 2170	Preparation for Security + Certification
ITS 2180	Microsoft Windows XP Professional	3	ITS 2190	Microsoft Windows Server 2003 Environment
ITS 2200	Managing Microsoft Windows Server	3	ITS 2230	Designing Security for Microsoft Windows Server 2003 Network
ITS 2240	Implementing and Administering Security in a Microsoft Windows Server 2003 Network	3	ITS 2250	Data Communications
ITS 2260	Implementing and Managing Microsoft Exchange Server	3	ITS 2350	ADA Programming Language
ITS 2430	Information Technology Center Support	3	ITS 2440	Computer Graphics/Desktop Publishing
ITS 2450	Decision Support Systems	3	ITS 2470	PC Service and Support
ITS 2490	Introduction to Visual Basic Programming	3	ITS 2492	Advanced Visual Basic Programming
ITS 2591	C++ Programming I	4	ITS 2592	C++ Programming II

## **Technical Specialty (continued)**

**Choose 12 credit hours from the list below**

ITS 2600	Advanced Web Authoring	3	ITS 2620	Web Graphics and Multimedia
ITS 2650	Web Design and Visual Communications	3	ITS 2690	Introduction to Java Programming Language

ITS 2710	Microcomputer Application Development	3	ITS 2740	Data Structures and Algorithms
ITS 2750	Computer Architecture	4	ITS 2760	RF/Wireless Fundamentals
ITS 2800	Preparation for Network + Certification	3	MFT 1010	Manufacturing Technology I
MFT 1020	Quality Assurance and Inspection I	3	MFT 1120	CAD/CAM: Drawing Designs in Manufacturing
MFT 1160	Computer Numerical Controls	3	MFT 2010	Manufacturing Technology II
MTH 1200	Calculus I and Analytic Geometry	4	MTH 1210	Calculus II
MTH 1560	Elementary Calculus	3	MTH 2200	Calculus III
MTH 2210	Differential Equations	4	MTH 2220	Introduction to Linear Algebra
MTH 2500	Introduction to Discrete Mathematics	3	PHY 1010	Fundamentals of Physics I
PHY 1020	Fundamentals of Physics II	3	PHY 1210	General Engineering Physics I
PHY 2200	General Engineering Physics II	3	PHY 2210	General Engineering Physics III
PHY 2310	Thermodynamics	3	PHY 2980	Directed Studies in Physics
PHY 2981	History of Physics/Study in England	3	PHY 2983	History of Science/Study in Italy



3

3

3

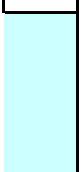
3

3

3

3

3



3

3

3

3

3

3

3

3

3

3

3

3

3





4
4
3
3
3
4
4
4
3
3
3
3
3