

APPROVED COURSE LISTINGS

Arts & Letters

Code	Title	Credits
ART 101	Introduction to Visual Arts	4
ART 115	Art and Design Foundation 1-2D	4
ART 117	Art and Design Foundation 3D	4
ART 120	Artists Books	3
ART 131	Intro to Drawing I Line-Gest	3
ART 132	Intro to Drawing II Form-Space	3
ART 134	Illustrating Nature	3
ART 204	History of Western Art I	4
ART 205	History of Western Art II	4
ART 206	History of Western Art III	4
ART 234	Figure Drawing	3
ART 250	Ceramics I	3
ART 251	Ceramics II	3
ART 252	Ceramics III	3
ART 253	Ceramic Handbuilding I	3
ART 254	Ceramic Handbuilding II	3
ART 255	Ceramic Handbuilding III	3
ART 281	Painting	3
ART 294	Watercolor	3
COM 105	Listening	3
COM 111Z	Public Speaking	4
COM 112	Persuasive Speech	3
COM 218Z	Interpersonal Communication	4
COM 219	Small Group Discussion	3
COM 237	Gender Communication	3
ENG 104	Intro to Literature	4
ENG 105	Intro to Literature-Drama	4
ENG 106	Intro to Literature-Poetry	4
ENG 107	World Literature I	4
ENG 108	World Literature II	4
ENG 109	World Literature III	4
ENG 201	Shakespeare I	4
ENG 202	Shakespeare II	4
ENG 204	Survey of English Lit I	4
ENG 205	Survey of English Lit II	4
ENG 206	Survey of English Lit III	4
ENG 230	Environmental Lit	4
ENG 253	Survey of American Lit I	4
ENG 254	Survey of American Lit II	4
ENG 255	Survey of American Lit III	4
ENG 288	Cultural Diversity in Amer Lit	4
FA 256	American Film History	4
MUS 100A	Music Fundamentals I	3
MUS 100B	Music Fundamentals II	3
MUS 100C	Music Fundamentals III	3
MUS 105	Intro to Rock Music	3
MUS 111	Music Theory I	3

MUS 112	Music Theory II	3
MUS 113	Music Theory III	3
MUS 114	Aural Skills I	1
MUS 115	Aural Skills II	1
MUS 116	Aural Skills III	1
MUS 117	Intro to Music-Technology I	2
MUS 118	Intro to Music-Technology II	2
MUS 119	Intro to Music-Technology III	2
MUS 131	Class Piano I	2
MUS 132	Class Piano II	2
MUS 133	Class Piano III	2
MUS 139	Class Guitar	2
MUS 161	Jazz Improvisation	3
MUS 201	Intro to Music and Its Lit I	3
MUS 202	Intro to Music and Its Lit II	3
MUS 203	Intro to Music and Its Lit III	3
MUS 204	Music of the World	3
MUS 205	Intro to Jazz History	3
MUS 211	Music Theory A	3
MUS 212	Music Theory B	3
MUS 213	Music Theory C	3
MUS 214	Int Piano I	2
MUS 215	Int Piano II	2
MUS 216	Int Piano III	2
MUS 224	Aural Skills II A	1
MUS 225	Aural Skills II B	1
MUS 226	Aural Skills II C	1
SPAN 201	Second Year Spanish I	4
SPAN 202	Second Year Spanish II	4
SPAN 203	Second Year Spanish III	4
TA 141	Acting 1	4
TA 142	Acting 2	4
TA 143	Acting 3	4
TA 209	Stagecraft 1	3
TA 210	Intro to Theatrical Design	4
TA 212	Stagecraft 2	3
TA 250	Script Analysis	4
TA 271	Introduction to Theatre	4
TA 272	Stage Movement	3
WR 115	Intro to Expos Writing	4
WR 121Z	Composition I	4
WR 122Z	Composition II	4
WR 227Z	Technical Writing	4

Science / Math / Computer Science

Code	Title	Credits
ATS 201	Climate Science	4
BI 101	General Biology	4
BI 102	General Biology	4
BI 103	General Biology	4
BI 211	Principles of Biology	5
BI 212	Principles of Biology	5

BI 213	Principles of Biology	5	MTH 256	Differential Equations	4
BI 222	Intro to Genetics	3	MTH 261	Intro to Linear Algebra	2
BI 231	Anatomy and Physiology	4	MTH 265	Statistics-Scientists-Engineer	4
BI 232	Anatomy and Physiology	4	NR 201	Introduction-Natural Resources	3
BI 233	Anatomy and Physiology	4	NR 221	Water Resource Science	4
BI 234	Microbiology	4	NR 230	Forest Ecosystems	3
BOT 203	General Field Botany	4	NR 251	Principles Wildlife Conserv	3
CH 104	Intro to Chemistry I	4	PH 211	General Physics w-Calculus I	5
CH 105	Intro to Chemistry II	4	PH 212	General Physics w-Calculus II	5
CH 106	Intro to Chemistry III	4	PH 213	General Physics w-Calculus III	5
CH 112	Fundamentals of Chemistry	5	SOIL 205	Soil Science	3
CH 221	General Chemistry I	5	SOIL 206	Soil Science Lab	1
CH 222	General Chemistry II	5	STAT 243Z	Elementary Statistics I	4
CH 223	General Chemistry III	5	Social Sciences		
CH 241	Organic Chemistry I	4	Code	Title	Credits
CH 242	Organic Chemistry II	4	ANTH 221	Intro to Cultural Anthropology	3
CH 243	Organic Chemistry III	4	ECON 115	Intro to Economics	3
CS 160	Orientation-Computer Science	4	ECON 201	Microeconomics	4
CS 161	Computer Science I	4	ECON 202	Macroeconomics	4
CS 162	Computer Science II	4	HDFS 201	Ind-Family Development	3
CS 260	Data Structures	4	HDFS 225	Child Development	3
CS 271	Computer Architecture	4	HDFS 240	Contemporary American Family	3
FES 240	Forest Biology	4	HS 100	Introduction to Human Services	3
FES 241	Dendrology	4	HST 104	World History	3
FES 261	Recreation Resource Mgmt	4	HST 105	World History	3
FN 225	Human Nutrition	4	HST 106	World History	3
FOR 111	Introduction to Forestry	3	HST 201	History of United States I	3
FOR 234	GIS-Intro to Geographic Info	4	HST 202	History of United States II	3
G 140	Geologic Disasters	3	HST 203	History of United States III	3
G 180	Regional Field Geology	4	PS 201	United States Government I	3
G 201	General Geology I	4	PS 202	United States Government II	3
G 202	General Geology II	4	PS 203	United States Government III	3
G 203	General Geology III	4	PS 205	International Relations	3
G 221	Environmental Geology	4	PSY 130	Understanding Child Behavior	3
GS 104	Physical Science	4	PSY 201	General Psychology I	4
GS 105	Physical Science	4	PSY 202	General Psychology II	4
GS 106	Physical Science	4	PSY 231	Human Sexuality	3
GS 107	Beginning Astronomy	4	PSY 239	Abnormal Psychology	3
GS 112	Making Sense of Science	4	PSY 270	Psychology of Sport	3
MTH 105Z	Math in Society	4	SOC 204	Intro to Sociology	3
MTH 111Z	Precalculus I Functions	4	SOC 205	Inst-Social Change	3
MTH 112Z	Precalculus II Trigonometry	4	SOC 206	Social Problems-Issues	3
MTH 211	Fundamentals-Elem Math I	4	SOC 207	Juvenile Delinquency	3
MTH 212	Fundamentals-Elem Math II	4	SOC 208	Sociology of Sport	3
MTH 213	Fundamentals-Elem Math III	4	SOC 213	Race Class and Ethnicity	3
MTH 231	Elem Discrete Math I	4	SOC 225	Social Aspects of Addiction	3
MTH 241	Calculus f-Mgmt-Soc Sci	4	Career & Technical		
MTH 242	Calculus Mgmt-Soc Sci II	4	Code	Title	Credits
MTH 251	Calculus I	5	AG 120	Intro to Agribusiness	3
MTH 252	Calculus II	4	AI 280	CWE - AI	1-13
MTH 253	Calculus III	4			
MTH 254	Vector Calculus I	4			

APR 101	Intro to Trades and Technology	4	AUT 199	TECS Elite	6
APR 111	Machine Shop Practices I	3	AUT 280	CWE-Automotive	1-13
APR 112	Machine Shop Practices II	3	BA 116	Principles of Financial Svcs	4
APR 113	Machine Shop Practices III	3	BA 128	Accounting Applications I	2
APR 115	Computer Aided Drafting I	3	BA 129	Accounting Applications II	2
APR 120	Industrial Safety	3	BA 150	Develop a Small Business	4
APR 121	Hydraulics I	3	BA 151	Practical Accounting I	4
APR 122	Hydraulics II	3	BA 152	Practical Accounting II	3
APR 123	Hydraulics III	3	BA 165	Customer Service	3
APR 130	Mech Principles-Drive Designs	3	BA 177	Payroll Accounting	4
APR 131	Basic Metallurgy	3	BA 180	Business Mathematics I	3
APR 140	Beg Welding for Apprentices	1	BA 181	Business Mathematics II	3
APR 141	Int Welding for Apprentices	1	BA 233	Accounting for Managers	4
APR 142	Adv Welding for Apprentices	1	BA 280	CWE-Business	1-13
APR 145	Blueprint Reading-Sketching	3	BA 280A	CWE-Accounting	1-13
APR 151	Basic Electronics-Electricity	4	BA 280B	CWE-Marketing	1-13
APR 153	Electrical Applications-Tech	3	BA 280C	CWE-Management	1-13
APR 155	Electrical Best Practices	2	BI 280	CWE-Biology	1-13
APR 157	Intro to National Elect Code	2	CH 280	CWE: Chemistry	1-13
APR 159	Electrical Blueprint Reading	2	CIS 100	Intro to Windows and PCs	3
APR 163	Commercial Wiring	3	CIS 122	Orientation to Programming	4
APR 165	AC Electronics and Electricity	4	CIS 125D	Computer Apps-Database	3
APR 167	Electric Motors-Transformers	3	CIS 125E	Computer Apps-E-mail	2
APR 169	Electrical Code Study II	2	CIS 125H	Writing Web Pages	2
APR 228	Rigging Fundamentals	3	CIS 125R	Comp Apps-Presentation Sftwar	2
APR 229	Basic Pneumatics	3	CIS 125S	Computer Apps-Spreadsheets	3
APR 239	Pumps and Pumping	3	CIS 125W	Computer Apps-Word Process SW	3
APR 251	Electrical Sensors and Control	3	CIS 133CS	Intro to Programming I	4
APR 253	Electrical Code Study III	2	CIS 135	Application Dev-Computers	3
APR 255	Motor Controls I	2	CIS 140L	Intro to Linux OS	4
APR 257	High Voltage Applications	2	CIS 140M	Intro to MS Operating Systems	4
APR 259	Solid State and Digital Apps	4	CIS 140W	Intro to Windows	2
APR 261	Electrical Code Study IV	2	CIS 145	Computer Forensics	4
APR 263	Communications Alarm-Control	2	CIS 151C	Introduction to Networks	4
APR 265	Motor Controls II	2	CIS 152C	Switch Rout Wireless Ess	4
APR 267	Advanced Code Study	3	CIS 153C	Ent Netwrk Security Automation	4
APR 269	Journeyman Exam Prep	3	CIS 154C	Wide Area Network Protocols	4
AUT 100	Orientation to Auto Tech	2	CIS 195	Authoring for the Web I	4
AUT 101	Basic Auto Skills I	3	CIS 233CS	Intro to Programming II	4
AUT 102	Basic Auto Skills II	3	CIS 240M	Install-Config Windows Server	4
AUT 103	Basic Auto Skills III	5	CIS 244	Systems Analysis and Design	4
AUT 111	Engine Repair and Maintenance	6	CIS 275	Intro to Database Mgmt Sys I	4
AUT 112A	Auto Friday Career Academy	2	CIS 276	Intro to Database Mgmt Sys II	4
AUT 112B	Auto Friday Career Academy	3	CIS 279M	MS Windows Server Admin I	4
AUT 112C	Auto Friday Career Academy	3	CIS 280	CWE-CIS	1-13
AUT 113	Drive Trains	6	CIS 280D	CWE-Health Informatics	1-13
AUT 114	Suspension and Steering	6	CIS 284	Network Security Fundamentals	4
AUT 115	Braking Systems	6	CIS 285A	Ethical Hacking	4
AUT 116	Electrical Electronic Systems	6	CIS 285C	Cloud Services Technologies	3
AUT 118	Engine Performance Drive	6	CIS 288M	MS Windows Server Admin II	4
AUT 127	Climate Control Adv Electrical	6	CIS 289M	MS Windows Server Admin III	4
AUT 129	Light Vehicle Diesel Engines	6	CIS 295	Authoring for the Web II	4

4 Approved Course Listings

CIV 280	CWE-Engineering	1-13	FRP 121A	Elementary Fire Science Part 1	4
CJ 240	Criminalistics II	3	FRP 121B	Elementary Fire Science Part 2	4
CJ 280	CWE-Criminal Justice	1-13	FRP 122	Fundamentals Fire Protection	3
CWE 162	CWE: Seminar II	1	FRP 123	Hazardous Materials	4
CWE 163	CWE: Seminar III	1	FRP 132	Fire Pump Const-Operation	3
DA 102	Adv Clinical Experiences	4	FRP 133	Natural Cover Fire Protection	3
DA 103	Dentistry Law and Ethics	1	FRP 135	Hazardous Materials Chemistry	2
DA 107	Dental Health Education I	1	FRP 159	Fire Behavior and Combustion	3
DA 108	Dental Health Education II	1	FRP 201A	Rough Terrain	1
DA 110	Health Sciences	3	FRP 201B	Swiftwater Rescue	1
DA 111	Dental Terminology	2	FRP 201C	Vehicle Extrication	1
DA 115	Dental Anatomy	3	FRP 202	Fire Protection Systems	3
DA 135	Oral Pathology	2	FRP 212	Fire Investigation	3
DA 139	Med Emergencies in Dental Ofc	2	FRP 213	FF Tactics and Strategy	3
DA 190	Dental Office Procedures	3	FRP 230	Fire Service Hydraulics	4
DA 192	Dental Materials I	3	FRP 280	Fire Related Skills	1-13
DA 195	Chairside Procedures I	4	GIS 280	CWE-GIS	1-13
DA 196	Chairside Procedures II	4	HE 280	CWE: Health	1-13
DA 198	Dental Materials II	2	HS 280	CWE-Human Svcs	1-13
DA 210	Dental Radiology I	4	J 280	CWE: Journalism	1-13
DA 211	Dental Radiology II	3	LA 100	Legal Procedures I	4
DA 214	Dental Radiology License Prep	1	LA 101	Intro to Paralegal Studies	3
DA 280	CWE: Dental Assisting	1-13	LA 102	Legal Terminology	3
DRF 112	Computer Aided Drafting I	3	LA 105	Civil Procedure	3
DRF 113	Computer Aided Drafting II	3	LA 128	Legal Procedures II	4
DRF 116	CAD - Structural	3	LA 132	Ethics for Legal Prof	3
ECE 104	ECE-Sem-Prac IV	4	LA 204	Legal Research and Writing I	4
ECE 154	Lit and Language for Children	3	LA 205	Legal Research and Writing II	4
ED 280	CWE-Education	1-13	LA 208	Family Law	4
EMS 151	EMT Part 1	6	LA 210	Wills Probate Estates	3
EMS 152	EMT Part 2	6	LA 217	Real Estate Law for Paralegals	4
EMS 153A	EMS Friday Career Academy	3	LA 224	Torts Pleadings and Practice	3
EMS 153B	EMS Friday Career Academy	3	LA 226	Criminal Law for Paralegals	3
EMS 153C	EMS Friday Career Academy	6	LA 280	CWE- Legal Assistant	1-13
EMS 180	Crisis Intervention	3	MED 060	Math for Medical Asst	3
EMS 251	Paramedic Part 1	3	MED 100	Intro to Healthcare Careers	2
EMS 252	Paramedic Lab Part 2	3	MED 111	Medical Terminology I	3
EMS 253	Paramedic Lab Part 3	3	MED 112	Medical Terminology II	3
EMS 261	Paramedic Clinical Part 1	4	MED 114	Medical Coding for Phys Office	3
EMS 262	Paramedic Clinical Part 2	4	MED 115	Anat-Phys for Medical Asst	3
EMS 263	Paramedic Field Internship	8	MED 140	Electronic Health Records	3
EMS 280	CWE-EMS	1-13	MED 220	Medical Office Procedures I	3
ENGR 201	Electrical Fundamentals I	4	MED 221	Medical Office Procedures II	3
ENGR 202	Electrical Fundamentals II	4	MED 230	Health Insurance Concepts	3
ES 101	Principles-Emergency Services	3	MED 231	Hlth Care Reimburs-Collections	3
ES 103	Occupational Safety-Health	2	MED 260	Medical Document Processing	3
ES 107	Legal Aspects-Emergency Svcs	2	MFG 104	Principles of Lean Mfg	1
ES 109	Principles of FESA	3	MFG 108	Starrett PMI	2
ES 113	Emergency Medical Svcs Rescue	3	MFG 111	Machine Shop I	3
FOR 161	Surveying I	4	MFG 112	Machine Shop II	3
FRP 101	FF Safety and Survival	3	MFG 113	Machine Shop III	3
FRP 111	Bldg Constr-Fire Suppression	3	MFG 121	Hydraulics I	3

MFG 122	Hydraulics II	3	VC 139	Intro to Adobe Illustrator	3
MFG 123	Hydraulics III	3	VE 101	Intro to the Wine Industry	1
MFG 124	Hydraulics IV	3	VE 102	Integrated Pest Control-Grapes	4
MFG 125	Hydraulics V	3	VE 103	Soils-Nutri-Irrig	4
MTH 280	CWE: Math	1-13	VE 202	Sensory Evaluation of Wine	4
MUS 280	CWE-Music	1-13	VE 205	Wines of North America	3
NRS 101	Nursing Assistant	9	VE 210	Sci of Winemkg I	5
NRS 102A	NRS Asst Friday Career Academy	2	VE 211	Science of Making Wine II	5
NRS 102B	NRS Asst Friday Career Academy	2	VE 223	Wine Marketing	3
NRS 102C	NRS Asst Friday Career Academy	2	VE 280	Vineyard-Winery Practicum	1-13
NRS 103A	NA 1	2	WLD 101	Welding Processes-Apps	4
NRS 103B	NA 1	2	WLD 111	Shielded Metal Arc Welding	4
NRS 103C	NA 1	2	WLD 112	Shld Metal Arc Wldg;Mild Steel	3
NRS 110	Found of Nrsg-Health Promotion	9	WLD 113	Shld Metal Arc Wldg;Mld Stl II	3
NRS 111	Found of Nrsg-Chronic Illness	6	WLD 114	Shld Metal Arc Wldg;MldStl III	3
NRS 112	Found of Nrsg-Acute Care	6	WLD 121	Gas Metal Arc Welding	3
NRS 221	Chronic Illness II	9	WLD 122	Gas Metal Arc Welding-Pulse	3
NRS 222	Acute Care II	9	WLD 123	Advanced Welding III	3
NRS 224	Scope of Practice	9	WLD 124	Advanced Welding IV	3
NRS 230	Clinical Pharmacology I	3	WLD 131	Basic Metallurgy	3
NRS 231	Clinical Pharmacology II	3	WLD 140	Blueprint Reading	3
NRS 232	Pathophysiological Proc I	3	WLD 141	Flux-Core Arc Wldg(Gas Shld)	3
NRS 233	Pathophysiological Proc II	3	WLD 142	Flux-Core Arc Wldg II Slf Shld	3
NRS 280	CWE: Nursing	1-13	WLD 150	GTAW I	3
OA 110	Alpha Keyboarding	2	WLD 160	Aluminum Arc Welding I	3
OA 115	Admin Office Professional	3	WLD 161	Welding Problems	4
OA 116	Records Management	2	WLD 222	Pipe Welding-Fitting I	3
OA 123	Formatting	4	WLD 223	Pipe Welding-Fitting II	3
OA 128	Editing for Business	3	WLD 240	Blueprint Reading - II	3
OA 131	Ten-Key Calculator	1	WLD 251	Gas Tungsten Arc Weld II	3
OA 161	Career Planning	1	WLD 252	Gas Tungsten Arc Weld III	3
OA 245	Office Administration	1	WLD 261	Aluminum Arc Welding II	3
OA 250	General Office Procedures	3	WLD 262	Aluminum Arc Welding III	3
OA 260	Principles of Office Mgmt	3	WLD 280	CWE: Welding	1-13
OA 280A	CWE-Admin Asst-Office Asst	1-13	WQT 227	Wastewater Treatment II Solids	3
OA 280C	CWE-Medical Admin Asst	1-13	WQT 228	Wastewater Collection	3
PS 280	CWE: Political Science	1-13	WQT 260	Water Treatment	3
PSY 280	CWE: Psychology	1-13	WQT 261	Water Distribution	3
SDP 109	Elements of Supervision	3	WQT 280	CWE-Water Quality Treatment	1-13
SDP 113	Human Relations-Supervisors	3			
SDP 201	Coaching in the Workplace	3			
SDP 204	Labor and Mgmt Relations	3			
SDP 208	Human Rscs for Supervisors	3			
SDP 215	Equal Employment Opportunity	3			
SDP 223	Employee Dev and Perform Mgmt	3			
SOC 280	CWE: Sociology	1-13			
SUR 161	Surveying I	4			
SUR 162	Plane Surveying II	4			
SUR 163	Route Surveying	4			
SUR 242	Land Descriptions-Cadastre	3			
TA 280	CWE: Theatre	1-13			
VC 130	Intro to PhotoShop	3			