

CTE LIST

Students may use up to 12 credits of career and technical education (CTE) courses indicated in the following list to meet elective credit requirements for the Associate of Arts Oregon Transfer and the Associate of Science. CTE courses are not intended to transfer, and if baccalaureate institutions accept them, they are usually limited in number.

Course	Title	Credits
AH 111	Medical Terminology I	3
AH 112	Medical Terminology II	3
AH 150	Phlebotomy	3
AUT 101	Basic Electricity for Automotive	2
AUT 102	Automotive Electric I	5
AUT 103	Automotive Electric II	2
AUT 104	Automotive Electric III	2
AUT 105	Diesel Performance I	2
AUT 106	Automotive Program Orientation	1
AUT 107	Mechanical Systems I	3
AUT 110	Small Gas Engines	3
AUT 111	Computerized Engine Controls	5
AUT 112	Basic Engine Performance I	1
AUT 113	Basic Engine Performance II	1
AUT 114	Welding for the Automotive Trade	3
AUT 115	College Success for Automotive Technology	2
AUT 199	Selected Topics: Automotive	1-4
AUT 201	Automotive Engines	4
AUT 202	Manual Drive Trains I	3
AUT 203	Manual Drive Trains II	3
AUT 204	Steering and Suspension	3
AUT 205	Engine Performance I	2
AUT 206	Engine Performance II	2
AUT 208	Automotive Brakes	3
AUT 211	ASE Test Prep I	1
AUT 212	ASE Test Prep II	1
AUT 216	Co-op Work Experience Automotive	1-4
AUT 216A	CWE Automotive A	4
AUT 216B	CWE Automotive B	4
AUT 251	Automatic Transmissions - Rebuild	3
AUT 253	Automotive Air Conditioning	3
AUT 256	Automatic Transmissions Theory	2
AUT 260	Diesel Performance II	4
AUT 270	Automotive Controller Systems I	4
AUT 271	Automotive Controller Systems II	4
AUT 280	Hybrid Electric Vehicles I	4
AUT 281	Hybrid Electric Vehicles II	4
AV 101	Introduction to Aviation	3
AV 104	Introduction to Aircraft Systems	4
AV 108	Meteorology I	4
AV 110	Private Pilot - Airplane	5
AV 112	Technically Advanced Aircraft	3
AV 115	Private Pilot-Helicopter	5
AV 116	Airplane Fundamentals	3
AV 117	Helicopter Fundamentals	3
AV 150	Aerodynamics	4
AV 188	Special Studies: Aviation	1-5
AV 199	Selected Topics: Aviation	1-8
AV 200	Aviation Law	3
AV 201	Airport Management	3
AV 204	Advanced Aircraft Systems	4
AV 208	Meteorology II	4
AV 210	Instrument - Airplane	5
AV 215	Instrument Helicopter	5
AV 220	Commercial Pilot-Airplane	4
AV 222A	Private Pilot I Airplane Flight Lab	1
AV 222B	Private Pilot II Airplane Flight Lab	1
AV 222C	Private Pilot III Airplane Flight Lab	1
AV 222D	Instrument Pilot I Airplane Flight Lab	1
AV 222E	Instrument Pilot II Airplane Flight Lab	1
AV 222F	Commercial Pilot I Airplane Flight Lab	1
AV 222G	Commercial Pilot II Airplane Flight Lab	1
AV 222H	Commercial Multi Engine Pilot Airplane Flight Lab	1
AV 222I	Certified Flight Instructor I Airplane Flight Lab	1
AV 222J	Certified Flight Instructor II Airplane Flight Lab	1
AV 222K	Multi Engine Instructor Pilot Airplane Flight Lab	1
AV 225	Commercial Pilot-Helicopter	4
AV 227A	Private Pilot I Helicopter Flight Lab	1
AV 227B	Private Pilot II Helicopter Flight Lab	1
AV 227C	Private Pilot III Helicopter Flight Lab	1
AV 227D	Instrument Pilot I Helicopter Flight Lab	1
AV 227E	Instrument Pilot II Helicopter Flight Lab	1
AV 227F	Commercial Pilot I Helicopter Flight Lab	1
AV 227G	Commercial Pilot II Helicopter Flight Lab	1
AV 227H	Commercial Pilot III Helicopter Flight Lab	1
AV 227I	Certified Flight Instructor I Helicopter Flight Lab	1
AV 227J	Certified Flight Instructor II Helicopter Flight Lab	1
AV 227N	Instrument Pilot III Helicopter Flight Lab	1
AV 235	Human Factors	4
AV 245	Advanced Helicopter Operations	4
AV 246	Aviation Safety	3
AV 250	Certified Flight Instructor-Airplane	5
AV 255	Certified Flight Instructor-Helicopter	5
AV 271	Introduction to Unmanned Aerial Systems	4
AV 272	Unmanned Aerial Systems (UAS) Operations	5
AV 273	Unmanned Aerial Sys Ops Maint	5
AV 288	Special Studies: Aviation	1-5
AV 299	Selected Topics: Aviation	1-8
BAK 100	Want to be a Pastry Chef?	2
BAK 101	Introduction to Baking & Pastry	4
BAK 110	Baking and Pastry Foundations I	4
BAK 140	Baking and Pastry Foundations II	4
BAK 170	Baking and Pastry Foundations III	4
BAK 180	Custards and Frozen Desserts	4

BAK 188	Special Studies: Baking and Pastry Arts	1-6	CIS 195	Web Development I	4
BAK 199	Selected Topics: Baking and Pastry Arts	1-6	CIS 197	CMS Web Development: WordPress	4
BAK 210	Modern Sugar and Chocolate Decor	4	CIS 198	Computer and Information Systems Projects	3
BAK 215	Laminated Dough and Viennoiserie	4	CIS 199	Selected Topics: Computer and Information Systems	1-7
BAK 220	Wedding Celebration and Specialty Cakes	4	CIS 233P	Web Programming	4
BAK 225	Entremets	4	CIS 244	Information Systems Analysis	4
BAK 230	Plated Desserts and Presentation	4	CIS 279L	Linux+	4
BAK 235S	Classical French Pastries	4	CIS 279OP	Cybersecurity Operations	4
BAK 240	The Craft of Artisan Breads	4	CIS 279SC	Windows Server Configuration	4
BAK 250	Petit Fours, Candies and Classical Mignardise	4	CIS 279SE	Security+	4
BAK 255S	Artisan Breads with Heirloom Whole Grains	4	CIS 279SM	Windows Server Management	4
BAK 260	Advanced Wedding, Celebration, and Specialty Cakes	4	CIS 279SS	Windows Server Services	4
BAK 265	Comprehensive Retail Baking Operations	5	CIS 279WC	Windows Client	4
BAK 280	Baking and Pastry Arts Industry Internship	1-6	CIS 280	Co-op Work Experience CIS	1-3
BAK 298	Independent Study: Baking	1-4	CIS 284	Cisco CCNA Security	4
CIS 010	Computer Keyboarding	1	CIS 284EH	Ethical Hacking	4
CIS 070	Introduction to Computers: Windows	2	CIS 288	Special Studies II	1-4
CIS 099	Selected Topics: Computer and Information Systems	1-4	CIS 295	Web Development II	4
CIS 101	Information Technology Orientation	3	CIS 297	CIS Professional Capstone	4
CIS 120	Computer Concepts	4	CIS 298	Independent Study: CIS	1-4
CIS 122	Introduction to Programming	4	CIS 299	Selected Topics: CIS	1-7
CIS 124	IT Fundamentals	4	CUL 100	Want to be a Chef?	2
CIS 125A	Access	4	CUL 101	Introduction to Culinary Arts	4
CIS 125A1	AutoCAD 1	4	CUL 102	Food Safety and Sanitation	2
CIS 125A2	AutoCAD 2	4	CUL 104	Applied Math for Culinary Arts	4
CIS 125DV	Digital Video Productions	4	CUL 105	International Exchange Preparation	2
CIS 125E	Excel	4	CUL 110	Culinary Foundations I	4
CIS 125G	Photoshop	4	CUL 140	Culinary Foundations II	4
CIS 125I	Adobe Illustrator	4	CUL 170	Culinary Foundations III	4
CIS 125V	Visio	4	CUL 180	Modern Garde Manger	4
CIS 125WA	Web Animation	4	CUL 188	Special Studies: Culinary Arts	1-6
CIS 131	Software Applications	4	CUL 199	Selected Topics: Culinary Arts	1-6
CIS 133JS	Introduction to JavaScript	4	CUL 200	Comprehensive Kitchen Operations for the Restaurant Industry	5
CIS 133P	Introduction to PHP	4	CUL 203	Food Truck Operations	4
CIS 135A1	AutoDESK Revit 1	4	CUL 220	International Cuisine and Global Flavor Profiling	4
CIS 135A2	AutoDESK Revit 2	4	CUL 225	Applied Harvesting and Food Preservation Principles	4
CIS 135C1	AutoCAD Civil 3D	4	CUL 230	Culinary Nutrition and Applied Techniques of Healthy Cooking	4
CIS 135DB	Database Theory/SQL	4	CUL 235S	Farm-to-Table and Sustainable Cuisine Practices	4
CIS 135S1	SolidWorks 1	4	CUL 240	Butchery	4
CIS 135S2	SolidWorks 2	4	CUL 242	Charcuterie	4
CIS 140	A+ Essentials I	4	CUL 245S	Modernist Cuisine and the Evolution of Cooking	4
CIS 145	A+ Essentials II	4	CUL 255S	Event Planning and Execution with Modern Banquet Cookery	4
CIS 151C	Cisco Internetworking	4	CUL 265S	Advanced Skill Development and Culinary Competition Mastery	4
CIS 152C	Cisco Router Configuration	4	CUL 270	Culinary Arts Capstone	5
CIS 154C	Cisco VLAN and WAN Technologies	4	CUL 276A	Regional World Cuisines: Africa	4
CIS 178	Internet in Depth	4	CUL 276C	Regional World Cuisines: Caribbean	4
CIS 179	Networking Essentials	4	CUL 276F	Regional World Cuisines: France	4
CIS 179CL	Cloud Essentials	4			
CIS 179L	Linux Essentials	4			
CIS 188	Special Studies I	1-4			

CUL 276G	Regional World Cuisines: Germany	4	FIRE 110	Building Construction for Fire Personnel	3
CUL 276I	Regional World Cuisines: Italy	4	FIRE 112	Public Education and Fire Prevention	3
CUL 276J	Regional World Cuisines: Asia	4	FIRE 114	Fire Codes and Ordinances	3
CUL 276S	Regional World Cuisines: Spain	4	FIRE 120	Fire Protection Systems	3
CUL 280	Culinary Arts Industry Internship	1-6	FIRE 121	Fire Law	1
CUL 298	Independent Study: Culinary	1-4	FIRE 122	Fire Department Budget	1
DA 110	Basic Dental Assisting	4	FIRE 123	HazMat Awareness & Operations	3
DA 115	Dental Science	5	FIRE 125	Firefighter Type II Training	3
DA 120	Advanced Dental Assisting	4	FIRE 130	Rescue Practices	3
DA 125	Dental Infection Control	3	FIRE 131	S-131, Firefighter Type I	1
DA 130	Dental Materials I	4	FIRE 175	NFPA Firefighter 1 Academy	7
DA 131	Dental Materials II	4	FIRE 199	Selected Topics: Fire Science	1-4
DA 134	Dental Radiology I	3	FIRE 200	S-200 Initial Attack Incident Command	1
DA 135	Dental Radiology II	4	FIRE 201	NFPA Instructor 1	3
DA 145	Preventive Dentistry	3	FIRE 203	S-203 Introduction to Incident Information	3
DA 150	Intro to Dental Office Management	3	FIRE 205	Fire Behavior & Combustion	3
DA 151	Dental Computing	2	FIRE 210	FI-210 Wildfire Origin/Cause	2
DA 160	Oral Medicine	3	FIRE 210S	Structure Fire Investigation	2
DA 181	Dental Seminar I	1	FIRE 211	S-211 Portable Pumps	1
DA 182	Dental Seminar II	1	FIRE 212	S-212 Wildland Fire Chainsaws	2
DA 190	Dental Assisting Practicum I	1-5	FIRE 215	S-215 Fire Operations in the Urban Interface	3
DA 191	Dental Assisting Practicum II	1-8	FIRE 219	S-219 Fire Operations	2
DA 199	Selected Topics: Dental Assisting	1-4	FIRE 230	S-230 Crew Boss	2
EMT 151	Emergency Medical Technician Part A	6	FIRE 231	S-231 Engine Boss	1
EMT 152	Emergency Medical Technician Part B	6	FIRE 232	Fire Protection Hydraulics and Water Supply	4
EMT 163	Advanced EMT Part I	5	FIRE 236	S-236 Heavy Equipment Boss	1
EMT 164	Advanced EMT Part II	5	FIRE 248	S-248 Status/Check-In Recorder	2
EMT 170	Emergency Response Communication/ Documentation	2	FIRE 255	Wildland Interface & Tactical Decision Simulations	2
EMT 171	Emergency Response Patient Transport	2	FIRE 261	S-261 Applied Interagency Incident Business Management	2
EMT 188	Special Studies: Emergency Medical Technician	1-5	FIRE 263	Human Behavior in Fire	3
EMT 195	Crisis Intervention for the Emergency Medical Provider	3	FIRE 265	Fire and Emergency Service Administration	3
EMT 199	Selected Topics: Emergency Medical Technician	1-5	FIRE 270	S-270 Basic Air Operations	2
EMT 280	Paramedic Co-op Work Experience	4	FIRE 275	Tactics & Strategies	3
EMT 280A	Paramedic Co-op Work Experience	1	FIRE 280	Co-op Work Experience Fire Science	1-4
EMT 280B	Paramedic Co-op Work Experience	2	FIRE 281	L-280 Followership/Leadership	2
EMT 280C	Paramedic Co-op Work Experience	3	FIRE 286	Pacific Northwest Engine Academy	3
EMT 288	Special Studies: Emergency Medical Technician	1-5	FIRE 290	S-290 Intermediate Wildfire Behavior	3
EMT 290	Paramedic Part I	8	FIRE 291	S-300 IC Extended Attack	1
EMT 291	Paramedic Part I Clinical	3	FIRE 292	S-330 Task Force/Strike Team Leader	1
EMT 292	Paramedic Part II	8	FIRE 293	S-339 Division Group Supervisor	1
EMT 293	Paramedic Clinical Part II	3	FIRE 294	S-390 Fire Behavior Calculation	3
EMT 294	Paramedic Part III	8	FIRE 298	Independent Study: Fire Science	1-4
EMT 295	Paramedic Clinical Part III	3	FIRE 299	Selected Topics: Fire Science	1-4
EMT 296	Advanced Cardiac Life Support (ACLS)	1	FOR 130	Chainsaw Use and Maintenance	2
EMT 297	Pediatric Advanced Life Support (PALS)	1	FW 212	Survey of Northwest Birds	2
EMT 298	Prehospital Trauma Life Support (PHTLS)	1	FW 218	Survey of Northwest Mammals	2
EMT 299	Selected Topics: Emergency Medical Technician	1-5	GEOG 211	Cartography	4
FIRE 103	Fire and EMS College Success	1	GEOG 266	ArcGIS	4
FIRE 104	Introduction to Emergency Services	4	GEOG 267	Geodatabase Design	4
FIRE 105	Firefighter Safety & Survival	3	GEOG 273	Spatial Data Collection	4
			GEOG 280	Co-op Work Experience GIS	1-3

GEOG 284	GIS Customization	4	LMT 255	Zen Shiatsu	4
GEOG 285	Data Conversion and Documentation	4	LMT 265	Sports Massage	4
GEOG 286	Remote Sensing	4	LMT 271	Pregnancy Massage	1
GEOG 287	Spatial Analysis	4	LMT 288	Special Studies: LMT	1-4
HIM 103	Introduction to Health Information Management	4	LMT 298	Independent Study: Massage Therapy	1-4
HIM 104	Health Information Standards and Governance	4	LMT 299	Selected Topics: LMT	1-7
HIM 105	Health Information Compliance and Analytics	4	MA 110	Introduction to Clinical Medical Assisting	7
HIM 171	Project Management	2	MA 111	Introduction to Professional Medical Assisting	4
HIM 182	Introduction to Reimbursement and Classification Systems	4	MA 120	Clinical Medical Assisting II	7
HIM 184	Pathophysiology and Pharmacology	5	MA 121	Administrative Medical Assisting	5
HIM 190	HIPAA for Practical Experience	2	MA 137	Application of Professional Medical Assisting	4
HIM 199	Selected Topics: Health Information Management	1-4	MA 147	Medical Assistant Practicum I	5
HIM 201	Legal and Ethical Aspects of Health Care	4	MA 150	Pharmacology for Medical Assistants	3
HIM 202	Health Information Management Applications	2	MA 188	Special Studies: Medical Assistant	1-4
HIM 203	Health Information Technologies	4	MA 199	Selected Topics: Medical Assistant	1-4
HIM 271	Quality Improvement in Health Care	4	MA 280	Co-op Work Experience Medical Assisting	1-4
HIM 272	Management Principles and Leadership in HIM	4	MA 298	Independent Study: Medical Assisting	1-4
HIM 273	HIM Capstone	2	MFG 100	MFG Orientation	1
HIM 281	Healthcare Statistics	4	MFG 101	Blueprint Reading	3
HIM 282	Reimbursement Systems	4	MFG 102	Blueprint Reading Sheet Metal	2
HIM 283	Coding Classifications I	4	MFG 103	Welding Technology I	4
HIM 284	Coding Classifications II	5	MFG 105	Welding Technology II	4
HIM 285	Revenue Cycle Management	5	MFG 107	Welding Technology III	4
HIM 293	Professional Practice Experience	2	MFG 109	Lean Practices	2
HM 280	Hospitality Management Industry Internship	1-6	MFG 110	Manufacturing Processes I	4
LMT 101	Intro Massage Therapy Career	1	MFG 112	Manufacturing Processes II	3
LMT 113	Kinesiology for Massage Therapy I	4	MFG 114	Manufacturing Processes III	3
LMT 118	Kinesiology for Massage Therapy II	4	MFG 115	Design Processes I	4
LMT 124	Kinesiology for Massage Therapy III	4	MFG 116	Manufacturing Electrical Systems	2
LMT 130	Massage Fundamentals	2	MFG 118	Fluid Power Systems I	2
LMT 135	Managing a Massage Practice	3	MFG 119	Manufacturing Design and Drafting Techniques	4
LMT 140	Pathology for Massage Therapy	4	MFG 119M	Mechanical Drawing Techniques	4
LMT 145	Massage I	5	MFG 133	Quality Assurance	3
LMT 150	Massage II	5	MFG 160	Materials Engineering	2
LMT 155	Eastern Theory & Practice	2	MFG 161	CNC Project I	4
LMT 160	Hydrotherapy	1	MFG 188	Special Studies: Manufacturing Technology	1-4
LMT 170	Professional Ethics and Rules	2	MFG 199	Selected Topics: Manufacturing	1-4
LMT 175	Swedish Relaxation Clinic	2	MFG 201	Bench Work	2
LMT 180	Therapeutic Clinic	3	MFG 202	Metals Preparation	2
LMT 188	Special Studies: LMT	1-4	MFG 203	Layout	2
LMT 199	Selected Topics: Licensed Massage Therapy	1-4	MFG 205	Drill Press	2
LMT 206	The Spirit of Massage	1	MFG 210	Vertical Milling	2
LMT 210	Community Outreach	2	MFG 214	Lathe Operator I	2
LMT 216	Aromatherapy Fundamentals	2	MFG 216	Lathe Operator II	2
LMT 217	Aromatherapy Applications	2	MFG 246	Mechanical Troubleshooting	2
LMT 226	Thai Massage I	2	MFG 250	Additive Manufacturing	2
LMT 227	Thai Massage II	2	MFG 254	Manufacturing Jigs and Fixtures	2
LMT 228	Foot Reflexology	1	MFG 256	CNC Mill Programming	4
LMT 229	Japanese Facial Massage	1	MFG 257	CNC Mill Setup & Operation	4
LMT 240	Neuromuscular Treatments I	5	MFG 258	Mastercam Mill	4
LMT 245	Effective Office Decisions	2	MFG 259	CNC Lathe Programming	4
			MFG 260	CNC Lathe Setup & Operation	4

MFG 261	Mastercam Lathe	4	PHM 181	Pharmacy Technician Seminar	2
MFG 262	Welding Inspection/Quality Control	2	PHM 188	Special Studies: Pharmacy Technician	1-4
MFG 264	Automated Cutting	3	PHM 190	Pharmacy Technician Practicum	7
MFG 266	Manufacturing Cost Estimation	2	PHM 199	Selected Topics: Pharmacy Technician	1-4
MFG 267	Oxygen-Fuel and Plasma Cutting	3	PHM 298	Independent Study: Pharmacy Technician	1-4
MFG 268	Production CNC Operations Mill	3	VT 101	Intro to Veterinary Technician	3
MFG 270	CNC Fixture Design Mill	3	VT 102	Veterinary Terminology	3
MFG 271	SMAW I	3	VT 103	Animal Hospital and Office Procedures	3
MFG 272	GMAW I	3	VT 108	Small Animal Nursing	4
MFG 273	SMAW II	3	VT 110	Parasitology and Pathology	4
MFG 274	GMAW II	3	VT 111	Hematology and Urinalysis	4
MFG 275	SMAW III	3	VT 112	Advanced Small Animal Nursing	4
MFG 276	GMAW III	3	VT 113	Exotic and Lab Animal Medicine	3
MFG 277	Production CNC Operations Lathe	3	VT 114	Pharmaceutical Math	3
MFG 278	CNC Fixture Design Lathe	3	VT 116	Pharmacology	4
MFG 279	CNC Project II	4	VT 117	Veterinary Anatomy & Physiology I	5
MFG 280	Co-op Work Experience Manufacturing	1-4	VT 118	Veterinary Anatomy & Physiology II	4
MFG 281	GTAW I	3	VT 188	Special Studies Vet Technician	1-4
MFG 282	FCAW I	3	VT 200	Radiation Safety	2
MFG 283	GTAW II	3	VT 201	Anesthesiology and Surgery Techniques	4
MFG 284	FCAW II	3	VT 202	Surgical Nursing and Dentistry	4
MFG 285	GTAW III	3	VT 203	Large Animal Nursing	4
MFG 286	FCAW III	3	VT 204	Diagnostic Imaging	3
MFG 288	Industrial Fabrication	3	VT 206	Small Animal Diseases	4
MFG 289	Material Handling-Fork Lift Safety	1	VT 208	Animal Nutrition	2
MFG 290	Certification Test Preparation AWS I	1	VT 209	Large Animal Diseases	3
MFG 291	Certification Test Preparation NIMS I	1	VT 212	Veterinary Microbiology	4
MFG 298	Independent Study: Manufacturing	1-4	VT 280	Clinical Practicum I	9
NUR 103	Nursing Assistant	9	VT 281	Clinical Practicum II	5
NUR 104	Certified Nursing Assistant: Level 2	6	VT 288	Special Studies Vet Technician	1-4
NUR 106	Nursing I	12	VT 298	Independent Study: Veterinary Technician	1-4
NUR 107	Nursing II	10	VT 299	Special Topics: Veterinary Technician	1-4
NUR 108	Nursing III	11			
NUR 188	Special Studies: Nursing I	1-8			
NUR 199	Selected Topics: Nursing I	1-8			
NUR 206	Nursing IV	11			
NUR 207	Nursing V	10			
NUR 208	Nursing VI	9			
NUR 218	Basic EKG	1			
NUR 280A	CWE Nursing I	1-4			
NUR 280B	CWE Nursing II	1-4			
NUR 288	Special Studies: Nursing	1-8			
NUR 298	Independent Study: Nursing	1-4			
NUR 299	Selected Topics: Nursing	1-3			
PHM 100	Pharmacy Technician Practice I	5			
PHM 110	Pharmacy Calculations	3			
PHM 115	Pharmacy Technician Lab I	2			
PHM 120	Pharmacology I	5			
PHM 130	Pharmacology II	5			
PHM 140	Pharmacy Technician Practice II	5			
PHM 145	Pharmacy Technician Lab II	2			
PHM 180	Co-op Work Experience Pharmacy Technician	1-4			