

CURRICULUM/GEN ED COMMITTEE
a standing committee of the Education Advisory Committee
Minutes
February 2, 2011
Sylvania CC, Conference Rm B

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|---|------------------------|---|-----------------|---|---------------|
| x | Jim Parks | x | Pam Kessinger | x | Joe Wright |
| x | John Sparks | | Jim Jeffery | x | Doug Jones |
| x | Heiko Spoddeck | | Nancy Hutt | x | Tammy Dowd |
| x | Linda Fergusson-Kolmes | | Ivan Kidoguchi | | Mike Guthrie |
| | Ross Kouzes | x | Rick Willebrand | | Melody Wilson |

Committee Support:

| | | | | | |
|---|-----------------|---|----------------|---|-----------------|
| | Jeff Triplett | x | Dorothy Badri | x | Andrew Roessler |
| x | Stacey Timmins | x | Leslie Hackett | | Steve Smith |
| x | Frederick Olson | x | Sally Earll | | |

Guests:

| | | |
|---------------|------------------|------------------|
| Joanne Harris | Jeannie LaFrance | Loretta Goldy |
| Bob Bonner | Irene Giustini | Richard Weissman |
| Scott Morgan | Dan Findley | Joe Huddleston |
| Joe Bailey | Carol Bruneau | Marshall Pryor |
| Dave Kercher | Gil Bynoe | Kerry Pataki |

Information Items from the Curriculum Office:
(These items do not require curriculum committee recommendation)

Experimental Courses:

SC 99 – Thought Patterns for a Successful Career
D 199P – Dance and Hip Hop Culture

Course Inactivation:

MTH 232 – Elements of Discrete Math II
OMT 212 – Contact Lens I
OMT 213 – Contact Lens II
OMT 111 – General Medical Terminology
OMT 283 – Perception/Low Vision
ESOL 183 – Grammar 2

Available Grading Option:

PE 10 – Physical Education Activity Program

Old Business:

164. OMT 232 – Seminar II
Course Revision – Des, Out

Recommend description:

Reviews major professional subject areas through guest speakers and field trips. Discusses practicum experiences and employment opportunities. Students must enroll in this class if they are enrolled in second year Practicum. May be repeated two times for credit.

165. OMT 233 – Seminar III
Course Revision – Des, Out

Withdrawn at SAC Request

166. OMT 234 – Seminar IV
Course Revision – Out

Withdrawn at SAC Request

205. SPA 261A – Spanish Culture
Course Revision – Title, Des, Out

Postponed at SAC Request

206. SPA 262A – Spanish Culture
Course Revision – Title, Des, Out

Postponed at SAC Request

207. SPA 270A – Readings in Spanish Literature
Course Revision – Title, Des, Out

Postponed at SAC Request

208. SPA 271A – Readings in Spanish Literature (Women Writers)
Course Revision – Title, Des, Out

Postponed at SAC Request

209. SPA 260A - Spanish Culture
Designation- General Education

Postponed at SAC Request

210. SPA 261A - Spanish Culture
Designation- General Education

Postponed at SAC Request

211. SPA 262A - Spanish Culture
Designation- General Education

Postponed at SAC Request

212. SPA 270A - Readings in Spanish Literature
Designation- General Education

Postponed at SAC Request

213. SPA 271A – Readings in Spanish Literature (Women Writers)
Designation- General Education

Postponed at SAC Request

214. SPA 260A – Spanish Culture
Designation- Cultural Literacy

Postponed at SAC Request

215. SPA 261A – Spanish Culture
Designation – Cultural Literacy

Postponed at SAC Request

216. SPA 262A – Spanish Culture
Designation- Cultural Literacy

Postponed at SAC Request

217. SPA 270A – Readings in Spanish Literature
Designation – Cultural Literacy

Postponed at SAC Request

218. SPA 271A – Readings in Spanish Literature (Women Writers)
Designation – Cultural Literacy

Postponed at SAC Request

276. ATH 230 – Native North Americans of the Northwest
Designation – General Education

Postponed at SAC Request

277. ATH 231 – Native North Americans of the Northwest
Designation – General Education

Postponed at SAC Request

278. ATH 232 – Native North Americans
Designation – General Education

Postponed at SAC Request

284. ATH 231 – Native Americans of the N.W.
Designation – Cultural Literacy

Postponed at SAC Request

285. ATH 232 – Native North Americans

Designation – Cultural Literacy

Postponed at SAC Request

314. PHL 210 – Asian Philosophy

Designation – Cultural Literacy

Postponed at SAC Request

366. CH 221H – General Chemistry I: Honors

New Course

Recommend

367. CH 222H – General Chemistry II: Honors

New Course

Recommend

368. CH 223H – General Chemistry III: Honors

New Course

Recommend

393. SOC 206 - General Sociology – Social Problems

Designation – Cultural Literacy

Recommend

396. SOC 214A – Illumination Project 1

Designation – Cultural Literacy

Recommend

397. SOC 214B – Illumination Project 2

Designation – Cultural Literacy

Recommend

398. SOC 214C – Illumination Project 3

Designation – Cultural Literacy

Recommend

406. GEO 105 – Introduction to Human Geography

Course Revision – Out

Recommend

407. GEO 106 – Geography of the Developed World

Course Revision – Out

Recommend

408. GEO 107 – Geography of the Developing World

Course Revision – Out

Recommend

409. GEO 204 – Geography of the Middle East
Course Revision – Out

Postponed at Committee Request

410. GEO 206 – Geography of Oregon
Course Revision – Des, Out

Postponed at Committee Request

411. GEO 230 – Geography of Race & Ethnic Conflicts
Course Revision – Out

Recommend

412. GEO 105 – Introduction to Human Geography
Designation – Cultural Literacy

Recommend

413. GEO 106 - Geography of the Developed World
Designation – Cultural Literacy

Recommend

414. GEO 107 - Geography of the Developing World
Designation – Cultural Literacy

Recommend

415. GEO 204 - Geography of the Middle East
Designation – Cultural Literacy

Postponed at Committee Request

416. GEO 206 - Geography of Oregon
Designation – Cultural Literacy

Postponed at Committee Request

417. GEO 230 - Geography of Race & Ethnic Conflicts
Designation – Cultural Literacy

Recommend

427. MM 240 – MM Authoring II-Scripting
Course Revision – Des, Out

Postponed at SAC Request

428. MM 241 – MM Authoring III-Scripting
Course Revision – Des, Out

Postponed at SAC Request

436. MUC 166 – The Music Business: Career Opportunities and Self Defense
New Course

Recommend description:

Covers the basic forms of popular music songwriting. Includes the opportunity to create songs, individually and in collaboration with others. Includes the business aspects of music publishing and how they effect the songwriter. May be taken three times for credit.

508. DS 101 – Engine Rebuild and Lab Procedures
Course Revision – Title, Des, Outcomes

Recommend description:

Covers engine theory, engine components, and proper diesel engine rebuild procedures. Includes basic engine electrical and fuel systems, shop tool use and maintenance.

509. DS 104 – Fundamentals of Electricity and Electronics
Course Revision – Des, Outcomes

Recommend description:

Covers basic electrical theory, electrical components, and proper electric diagnostic procedures. Introduces basic electrical systems, diagnostic tool use and maintenance. Includes Cummins Electronic Engine controls and basic multiplexing.

and outcomes:

Apply basic theory of automotive electricity, components, schematics, controls and how they all relate to make a complete system.

Diagnose and repair electrical circuits.

Conduct repairs in an ethical and professional manner, respecting industry safety and environmental guidelines.

Communicate with co-workers, customers, management and general public in a professional and knowledgeable manner.

510. DS 204 – DS Start/Charge & Elec Cntl Sys
Course Revision – Title, Des, Outcomes

Recommend Transcript title: DSL Start/Change & Elect Cntrs

511. DS 101 – Diesel Engine Rebuild and Lab Procedures
Related Instruction

Recommend

512. DS 104 – Fundamentals of Electricity and Electronics
Related Instruction

Recommend

513. DS 204 – DS, Starting, Charging and Electronic Control Systems
Related Instruction

Recommend

530. AM 280A – CE: Automotive Service
Course Revision – Outcomes

Recommend description:

Includes automotive service work in a live shop setting performing diagnostic and repair work under the supervision of an automotive technician. Emphases independent learning and

workplace skills with limited instruction. Work is mastered at an automotive repair facility. May be taken three times for credit. Department permission required.

New Business:

532. OMT 250 – Ophthalmic Imaging

New Course

Recommend Default Grading Option: Letter grade A-F

and repeat limit: none

533. OMT 209 – Surgical Assisting Procedures

Contact/Credit Hour – course revision came through in December 2010

Recommend

534. OMT 121 – Practicum I

Course Revision – Req, Out

Recommend outcomes:

1. Exhibit fundamental skills of patient screening in the ophthalmic clinical setting.
2. Properly handle patient medical records in a clinical setting.
3. Use universal precautions relevant to patient care in the clinical setting.

535. OMT 222 – Practicum II

Course Revision – Title, Req, Out

Recommend

536. OMT 231 – Seminar I

Course Revision – Des, Req, Out

Recommend description:

Discussions practicum experiences, review concepts of medical ethics, patient confidentiality, professionalism and communication skills. Includes blood borne pathogen training.

and outcomes:

1. Continue to expand knowledge of issues pertinent to the ophthalmology setting including background of healthcare issues.
2. Use principles of blood borne pathogens training to work safely in the clinical setting.
3. Work within ethical and professional parameters of ophthalmic medical practice.

537. MCH 120 – Machine Shop Math

Course Revision – Out

Recommend outcomes:

Upon successful completion of this course students will be able to:

- Calculate decimal equivalents of fractions noted on blue prints.
- Convert inch to metric and metric to inch from dimensions on blue prints.
- Apply mathematical formulas as appropriate to thread and taper calculations on shop drawings.

538. MCH 130 – Machine Shop Trigonometry

Course Revision – Out

Recommend outcomes:

Upon successful completion of this course students will be able to:

- Use sine, cosine, and tangent and functions to determine coordinates of a part to be machined.

- Communicate technical information to coworkers, clients, and/or engineers.

539. MCH 259 – CNC Programming Lathe

Course Revision – Out

Recommend outcomes:

Upon successful completion of this course students will be able to:

- Use an understanding of General and Machine (G & M) code to generate or edit a program which will operate a CNC Lathe.
- Apply mathematical methods to calculate Cartesian coordinates.
- Prepare documents to be used by a CNC Lathe operator to parallel industry standards.

540. MCH 272 – Mastercam Level 1

Course Revision – Des, Out

Recommend outcomes:

Use Mastercam software to draw wireframe geometry and program 2-1/2 axis milling toolpaths for CNC milling machines and routers.

541. MCH 280 – CE: Machine Technology

Course Revision – Out

Recommend outcomes:

Upon successful completion of this course students will be able to:

- Convert fractions to decimals and inches to metric noted on blue prints.
- Apply mathematical formulas as appropriate to thread and taper calculations on shop drawings.
- Use sine, cosine, and tangent functions to determine coordinates of a part to be machined.
- Use industry specific vocabulary to communicate technical information to coworkers, clients, and or engineers.
- Use professional behaviors appropriate to the work place such as punctuality, attendance, cooperation, teamwork, and respect.
- Understand and apply the safety standards of the work site and the industry.

542. MCH 120 – Machine Shop Math

Related Instruction

Recommend outcomes in Computation:

Calculate decimal equivalents of fractions noted on blue prints.

Convert inch to metric and metric to inch from dimensions on blue prints.

Apply mathematical formulas as appropriate to thread and taper calculations on shop drawings.

543. MCH 130 – Machine Shop Trigonometry

Related Instruction

Recommend outcomes in Computation:

Use sine, cosine, and tangent and functions to determine coordinates of a part to be machined.

544. MCH 259 – CNC Programming Lathe

Related Instruction

Recommend outcomes in Computation:

Use an understanding of General and Machine (G & M) code to generate or edit a program which will operate a CNC Lathe.

Apply mathematical methods to calculate Cartesian coordinates.

545. MCH 272 – Mastercam Level 1

Related Instruction

Recommend outcomes in Computation:

Use Mastercam software to draw wireframe geometry and program 2-1/2 axis milling toolpaths for CNC milling machines and routers.

and outcomes in Communication:

Use Mastercam software to draw wireframe geometry and program 2-1/2 axis milling toolpaths for CNC milling machines and routers.

546. MCH 280 – Machine Technology

Related Instruction

Recommend outcomes in Computation:

Convert fractions to decimals and inches to metric noted on blue prints.

Apply mathematical formulas as appropriate to thread and taper calculations on shop drawings.

Use sine, cosine, and tangent functions to determine coordinates of a part to be machined.

547. SOC 214A – The Illumination Project 1

Course Revision – Des, Out

Recommend

548. SOC 214B – The Illumination Project 2

Course Revision – Des, Out

Recommend

549. SOC 214C – The Illumination Project 3

Course Revision – Des, Out

Recommend

550. SOC 214A – The Illumination Project 1

Designation – General Ed

Recommend

551. SOC 214B – The Illumination Project 2

Designation – General Ed

Recommend

552. SOC 214C – The Illumination Project 3

Designation – General Ed

Recommend

553. AM 281 – CE: Automotive Service Lab

New Course

Recommend description:

Includes automotive service work in a live shop setting performing diagnostic and repair work under the supervision of an automotive instructor. Emphases independent learning and workplace skills with limited instruction. This is an alternative option for those students who do not have internships at an automotive repair facility. Work is mastered within the PCC automotive shop. May be taken three times for credit. Department permission required.

554. MM 130 – MM Graphic Video & Audio Prod
Course Revision – Des, Out
Postponed at SAC Request

555. MM 140 – Multimedia Authoring I
Course Revision – Des, Out
Postponed at SAC Request

556. ATH 212 – Introduction to Shamanism
Designation – General Education
Recommend

557. EM 101 – Intro to Emergency Services
Course Revision – Des, Out

Recommend outcomes:

- Reflect on individual qualifications in relationship to the standard pre-employment screening process for emergency services professions.
- Apply an understanding of the history and development of various emergency services to modern day practices.
- Use complex incident scenarios to assign duties and response functions to the appropriate emergency services discipline, based upon traditional roles and available manpower.
- Assign personnel and equipment, as needed, in a large-scale, evolving emergency situation, using established protocols and group discussion and consensus.
- Promote a sense of safety and security by communicating a calm and professional demeanor in dealing with individuals in high stress situations.

558. EM 103 – Introduction to Radio Communication
Course Revision – Des, Out

Recommend outcomes:

- Use an understanding of the role and responsibilities of a radio dispatcher, when performing in the field.
- Apply proper radio procedures to ensure responder and public safety.
- Comply with all FCC rules and regulations governing emergency radio broadcasting.
- Operate two-way radios in compliance with established policies and procedures.
- Apply the proper use and maintenance of two-way radio equipment.

559. ETC 103 – Intro to Emergency Telecommunications
Course Revision – Des, Out

Recommend description:

Introduces the field of emergency communications, including history, roles & responsibilities, operations and equipment with an emphasis on federal, state and local communications systems.

and outcomes:

- Apply and understanding of emergency communications as a profession and the changing role of the telecommunicator to present day operations.
- Identify the metropolitan area communication centers, their chief responsibilities and jurisdictions in order to be an effective emergency telecommunicator.
- Follow written standard operating procedures in emergency communications.
- Apply the proper techniques for use of two-way radios, multi-line telephone systems, computer-aided dispatch software, and audio recording devices.

- Use skills in interpersonal communications, such as questioning techniques, relaying information, and documenting using clear, concise and accurate verbiage.
- Maintain open lines of communication with emergency services providers.

560. ETC 104 – Emergency Telecommunicator: Call-Taking

Course Revision – Des, Out

Recommend

561. ETC 105 – Crisis Intervention & CISM

Course Revision – Des, Out

Recommend

562. ETC 106 – Introduction to Criminal Law

Course Revision – Des, Out

Recommend description:

Examines the origin, structure and definitions of common law and statutory crimes as applied to modern society. Uses Oregon Criminal Code and criminal court proceedings to classify specific crimes based upon legal definitions.

563. ETC 108 – Transcription for Telecommunicators

Course Revision – Des, Out

Recommend

564. ETC 110 – Communication Center Operations – Basic Skills

Course Revision – Des, Out

Recommend description:

Introduces the emergency communications simulator lab. Applies methods and theory in an interactive lab setting using radio, telephone, computers and recording equipment. Includes the use of emergency communications equipment and standard operating procedures to simulate actual emergency calls and situations.

565. ETC 111 – Communication Center Operations – Intermediate Skills

Course Revision – Des, Out

Recommend

566. ETC 112 – Communication Center Operations – Advanced Skills

Course Revision – Des, Out

Recommend description:

Covers emergency call-taking and emergency services radio communication in the in the 9-1-1 simulation lab Requires a high level of multi- tasking ability, quick responses and rapid problem-solving skills, as well as a familiarity with 911 computer software and multifunction telephone systems. This is the third course in a three-course sequence. Prerequisites: ETC 111.

567. ETC 115 – Emergency Telecommunications- Capstone

Course Revision – Des, Out

Recommend outcomes:

- Create documents, such as resumes, employment applications and personal history background forms, utilized in pre-employment screening.
- Present themselves in a professional manner during oral interviews by an interview panel.
- Be prepared to obtain a variety of state level emergency services related certifications.
- Participate in all phases of pre-employment and employment screening for positions in the

emergency telecommunications field.

- Create and update a portfolio of employment documents, certificates, examples of work product from simulator lab practical's, documentation of community based activities and an overview of coursework completed for employment opportunities.

568. ETC 201 – LEDS

Course Revision – Des, Out

Recommend description:

Introduces the State of Oregon Law Enforcement Data System, which provides computer databases for state and local law enforcement and the Criminal Justice Information System, interface with national computer systems. Completion of the LEDS Training Guide provides state certification at the Inquiry level. Students must complete a Criminal Background check and be free of any felony or drug related convictions. Prerequisite: ETC 103

and outcomes:

- Format inquiries using the LEDS Operating Manual.
- Format and code information based upon NCIC codes and abbreviations.
- Access a variety of computer test files, simulating warrants, missing person reports, stolen vehicles, guns, articles and more.
- Use Administrative Messages to contact law enforcement agencies both local and national.
- Receive state certification valid for up to two years.

569. ETC 202 – EMD Overview

Course Revision – Des, Out

Recommend description:

Covers Emergency Medical Dispatching including emergency medical pre-arrival instructions to assist the average citizen in stabilizing and in some cases, treating a medical emergency prior to the arrival of trained medical personnel. Includes the delivery, over the telephone, of specific – physician approved - instructions for a variety of common medical emergencies.

and outcomes:

- Provide the first step in the “chain of patient care” during a medical emergency – determine the nature of the medical emergency or “chief complaint”.
- Apply questioning techniques for gaining control of the situation and calming those affected.
- Use appropriate terminology in describing injuries and illnesses and explain various procedures in simple, clear terms.
- Apply effective interrogation methods to obtain vital medical information and to assist citizens in taking medically sound actions.
- Use established EMD protocols in specific medical emergency situations.

570. ETC 203A – Tactical Communication for High Risk Incidents

Course Revision – Des, Out

Recommend description:

Covers high risk incidents such as kidnapping, hostage situations, and suicidal or mentally unstable persons require a higher level of communication skills and a greater degree of commitment on the part of the first responders and the emergency communications personnel. Test skills in a safe environment through the use of scenarios and role playing. Prerequisite/corequisite: ETC 104.

571. EM 101 – Introduction to Emergency Services

Related Instruction

Recommend outcomes in Human Relations:

- Reflect on individual qualifications in relationship to the standard pre-employment

screening process for emergency services professions.

- Apply an understanding of the history and development of various emergency services to modern day practices.
- Promote a sense of safety and security by communicating a calm and professional demeanor in dealing with individuals in high stress situations.

572. EM 103 – Introduction to Radio Communication

Related Instruction

Recommend outcomes in Communications:

- Use an understanding of the role and responsibilities of a radio dispatcher, when performing in the field.
- Apply proper radio procedures to ensure responder and public safety.
- Comply with all FCC rules and regulations governing emergency radio broadcasting.
- Operate two-way radios in compliance with established policies and procedures.

573. ETC 103 – Introduction to Emergency Telecommunications

Related Instruction

Recommend outcomes in Communications:

- Apply and understanding of emergency communications as a profession and the changing role of the telecommunicator to present day operations.
- Follow written standard operating procedures in emergency communications.
- Use skills in interpersonal communications, such as questioning techniques, relaying information, and documenting using clear, concise and accurate verbiage.
- Maintain open lines of communication with emergency services providers.

And outcomes in Human Relations:

- Apply and understanding of emergency communications as a profession and the changing role of the telecommunicator to present day operations.
- Identify the metropolitan area communication centers, their chief responsibilities and jurisdictions in order to be an effective emergency telecommunicator.
- Use skills in interpersonal communications, such as, questioning techniques, relaying information, documenting using clear, concise and accurate verbiage.
- Maintain open lines of communication with emergency services providers.

574. ETC 104 – Emergency Telecommunications: Call-Taking

Related Instruction

Recommend

575. ETC 105 – Crisis Intervention & Critical Incident Stress Management

Related Instruction

Recommend

576. ETC 106 – Introduction to Criminal Law

Related Instruction

Recommend

577. ETC 108 – Transcription for Telecommunicators

Related Instruction

Recommend

578. ETC 110 – Communication Center Operations – Basic Skills

Related Instruction

Recommend

579. ETC 111 – Communications Center Operations – Intermediate Skills

Related Instruction

Recommend

580. ETC 112 – Communication Center Operations – Advanced Skills

Related Instruction

Recommend

581. ETC 115 – Emergency TeleCommunicator: Capstone

Related Instruction

Recommend outcomes in Computation:

- Create documents, such as resumes, employment applications and personal history background forms, utilized in pre-employment screening.
- Be prepared to obtain a variety of state level emergency services related certifications.
- Participate in all phases of pre-employment and employment screening for positions in the emergency telecommunications field.
- Create a portfolio of employment documents, certificates, examples of work product from simulator lab practical's, documentation of community based activities and an overview of coursework completed for employment opportunities.

and outcomes in Communication:

- Create documents, such as resumes, employment applications and personal history background forms, utilized in pre-employment screening.
- Present themselves in a professional manner during oral interviews by an interview panel.
- Be prepared to obtain a variety of state level emergency services related certifications.
- Participate in all phases of pre-employment and employment screening for positions in the emergency telecommunications field.
- Create a portfolio of employment documents, certificates, examples of work product from simulator lab practical's, documentation of community based activities and an overview of coursework completed for employment opportunities.

and outcomes in Human Relations:

- Create documents, such as resumes, employment applications and personal history background forms, utilized in pre-employment screening.
- Present themselves in a professional manner during oral interviews by an interview panel.
- Be prepared to obtain a variety of state level emergency services related certifications.
- Participate in all phases of pre-employment screening for positions in the emergency telecommunications field.
- Create a portfolio of employment documents, certificates, examples of work product from simulator lab practical's, documentation of community based activities and an overview of coursework completed for employment opportunities.

582. ETC 202 – Emergency Medical Dispatch: Overview

Related Instruction

Recommend outcomes in Communication:

- Provide the first step in the “chain of patient care” during a medical emergency – determine the nature of the medical emergency or “chief complaint”.
- Apply questioning techniques for gaining control of the situation and calming those affected.

- Use appropriate terminology in describing injuries and illnesses and explain various procedures in simple, clear terms.
- Apply effective interrogation methods to obtain vital medical information and to assist citizens in taking medically sound actions.
- Use established EMD protocols in specific medical emergency situations

and outcomes in Human Relations:

- Provide the first step in the “chain of patient care” during a medical emergency – determine the nature of the medical emergency or “chief complaint”.
- Apply questioning techniques for gaining control of the situation and calming those affected.
- Use appropriate terminology in describing injuries and illnesses and explain various procedures in simple, clear terms.
- Apply effective interrogation methods to obtain vital medical information and to assist citizens in taking medically sound actions.
- Use established EMD protocols in specific medical emergency situations.

583. AMT 101 – Introduction to A & P

Course Revision – Title, Out

Recommend description:

Covers aviation maintenance technology careers, including program admission and completion requirements, continuing training and certification requirements, general industry safety standards, and career opportunities within the aviation maintenance industry. This course is a prerequisite for all other AMT courses.

and outcomes:

1. Identify program requirements for both certification and graduation and determine appropriate action regarding continuance in the AMT program.
2. Locate, identify and implement basic strategies of problem solving techniques.
3. Identify and use basic nomenclature for typical aircraft and aircraft powerplants.
4. Identify and implement basic strategies for avoiding aircraft fire hazards and procedures for effective fire extinguishment.
5. Recognize the proper application of various basic hand tools and differences in tool manufacturer’s tool kits in order to purchase tools for use while completing the AMT program.

584. AMT 102 – Aircraft Electricity I

Course Revision – Title, Out

Recommend

585. AMT 105 – Aviation CFRs and Related Subjects

Course Revision – Out

Recommend outcomes:

1. Identify and implement a strategy for avoiding aircraft ground-operating hazards.
2. Identify and implement aircraft type requirements for safe starting, ground operation and movement, servicing and securing.
3. Select and use or compose entries for aircraft maintenance forms, records, reports and documents.
4. Read, comprehend, and apply information contained in FAA and manufacturer's aircraft maintenance publications and data.
5. Interpret and apply the Code of Federal Regulations (CFR) regarding mechanic privileges, limitations, and certification procedures required for aircraft maintenance.

586. AMT 115 – Aircraft Structures and Inspection

Course Revision – Title, Out

Recommend outcomes:

1. Inspect, and make independent airworthiness judgments of aircraft structures based on the knowledge of applicable airworthiness requirements and airframe stresses.
2. Identify and implement a strategy for accurate and timely maintenance research.
3. Identify and implement record keeping strategies that are intelligible, accurate, and in compliance with applicable regulations.
4. Communicate effectively with employers, co-workers and customers in a professional manner.

587. AMT 117 – Reciprocating Engine Theory and Maintenance
Course Revision – Out

Recommend

588. AMT 120 – Propellers and Engine Installation
Course Revision – Out

Recommend

589. AMT 121 – Turbine Engine Theory and Maintenance
Course Revision – Out

Recommend

590. AMT 123 – Ignition Systems
Course Revision – Title, Out

Recommend outcomes:

1. Safely perform aircraft reciprocating and turbine engine ignition system maintenance in accordance with the manufacturer service data, industry practices, and applicable regulations.
2. Perform engine run-up in accordance with the manufacturer service data, industry practices, and applicable regulations.
3. Troubleshoot ignition system and related engine system discrepancies in accordance with the manufacturer service data, industry practices, and applicable regulations.
4. Perform magneto overhaul, using manufacturer's instructions, special tools, and test equipment.

591. AMT 203 – Aircraft Electricity II
Course Revision – Out

Recommend

592. AMT 204 – Aircraft Electricity III
Course Revision – Out

Recommend

593. AMT 208 – Aircraft Systems
Course Revision – Title, Out

Recommend outcomes:

1. Identify and apply the principles of function and safe operation to aircraft cabin atmospheric control systems, ice and rain protection systems, position and warning systems, fire protection and warning systems and fuel systems and their components when operating and maintaining aircraft.
2. Inspect and safely perform maintenance and troubleshooting on aircraft cabin atmospheric control, ice and rain control, position and warning, fire protection, and fuel systems using the manufacturer service manuals, acceptable industry practices and

applicable regulations.

594. AMT 212 – Sheet Metal
Course Revision – Out

Recommend outcomes:

1. Identify and apply computation skills and interpret drawings and instructions for the preparation of aircraft structural repairs and alterations.
2. Identify and use appropriate aircraft sheet metal hand and shop tools during the preparation and fabrication of aircraft structural repair parts.
3. Select and install various sizes of conventional rivets and special fasteners using proper preparation and technique.
4. Identify and apply acceptable methods, techniques and practices during the assembly and repair of aircraft sheetmetal structures.

595. AMT 213 – Hydraulics, Pneumatics, and Landing Gear
Course Revision – Title, Out

Recommend outcomes:

1. Identify and apply the principles of function and safe operation of aircraft landing gear, hydraulic and pneumatic systems and their components when operating and maintaining aircraft.
2. Inspect and safely perform maintenance and troubleshooting on aircraft landing gear, hydraulic and pneumatic systems and their components, in accordance with the manufacturer's service manuals, and acceptable industry practices and applicable regulations.
3. Identify and apply basic theory and computation skills regarding hydraulic and pneumatic power as they relate to landing gear and various aircraft structure mechanical advantage devices.

596. AMT 218 – Powerplant Inspection
Course Revision – Out

Recommend outcomes:

1. Inspect and make independent airworthiness judgments of an aircraft powerplant based on the research of applicable airworthiness requirements and powerplant manufacturer's recommendations.
2. Identify and implement record keeping strategies that are intelligible, accurate, and in compliance with applicable regulations.
3. Inspect, troubleshoot and repair powerplant lubrication systems, cooling systems, exhaust systems, fire protection systems and powerplant parameter sensing system devices

597. AMT 219 – Turbine Engine Overhaul
Course Revision – Out

Recommend outcomes:

1. Identify and implement a strategy for accurate and timely maintenance research during the overhaul of an aircraft turbine engine.
2. Identify and implement a strategy for accurate and timely maintenance research using the data during the inspection of an aircraft turbine engine or its installation on the aircraft.
3. Perform the overhaul of an aircraft turbine engine as a complex integrated assembly, while identifying and implementing the complete inspection of each component and part for compliance with appropriate regulations and airworthiness standards.

598. AMT 222 – Reciprocating Engine Overhaul
Course Revision – Title, Out

Recommend outcomes:

1. Perform the overhaul of an aircraft reciprocating engine as a complex integrated assembly, while identifying and implementing the complete inspection of each component and part for compliance with appropriate regulations and airworthiness standards.
2. Identify and implement record keeping strategies for aircraft engine overhauls that are intelligible, accurate, and in compliance with applicable regulations and airworthiness standards.
3. Identify and implement the proper use of precision measuring tools and special tools during the overhaul process of an aircraft reciprocating engine.
4. Identify and implement a strategy for accurate and timely maintenance research during the overhaul of an aircraft reciprocating engine.

599. AMT 101 – Introduction to A&P

Related Instruction

Recommend pending submission of revised outcomes matching those in the AMT 101 course revision (Item 583)

600. AMT 102 - Aircraft Electricity I

Related Instruction

Recommend

601. AMT 105 – Aviation CFRs and Related Subjects

Related Instruction

Recommend

602. AMT 106 – Aircraft Applied Science

Related Instruction

Recommend

603. AMT 107 – Materials and Processes

Related Instruction

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604. AMT 115 – Aircraft Structures and Inspections

Related Instruction

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605. AMT 117 – Reciprocating Engine Theory and Maintenance

Related Instruction

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606. AMT 120 – Propellers and Engine Installation

Related Instruction

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607. AMT 121 – Turbine Engine Theory and Maintenance

Related Instruction

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608. AMT 123 – Ignition Systems

Related Instruction

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609. AMT 203 – Aircraft Electricity II
Related Instruction
Recommend

610. AMT 204 – Aircraft Electricity III
Related Instruction
Recommend

611. AMT 208 – Aircraft Systems
Related Instruction
Recommend

612. AMT 212 – Sheet Metal
Related Instruction
Recommend

613. AMT 213 – Hydraulics and Landing Gear
Related Instruction
Recommend

614. AMT 218 – Powerplant Inspection
Related Instruction
Recommend

615. AMT 219 – Turbine Engine Overhaul
Related Instruction
Recommend

616. AMT 222 – Reciprocating Engine Overhaul
Related Instruction
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