

2007–09 Catalog Addendum

May 2008 • Addendum to Volume 42

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2007-09 Catalog Addendum

Central New Mexico Community College publishes a full catalog every two years. For the years in between, an addendum is published. The addendum contains catalog corrections, new programs and important information that has been updated in the past year. The addendum is to be used alongside the 2007-09 catalog. Information listed in the addendum supersedes what is in the catalog. The next full catalog will be released in summer 2009 and will span the 2009-11 academic years.

2007-09 Catalog Corrections

PAGE

- 11 Biology Placement Exam - Biology 2310/2392 should be Biology 2210/2292
- 60 Accounting Degree/Certificate Approved Accounting Electives – CIS 1180 should be 1 credit hour; CIS 1181 should be 1 credit hour; CIS 1182 should be 1 credit hour
- 61 Accounting Degree/Certificate Approved Arts and Sciences Electives – Social/Behavioral Science, change ECON 2000 to ECON 2200, change ECON 2001 to ECON 2201
- 88 Business Administration Certificate/Degree Term 5 – change ECON 2000 or higher to ECON 2200 or higher
- 94 Business Graphics Degree/Certificate Term 5 – MATH 1210 or higher (except MATH 215) should be MATH 1210 or higher (except MATH 2110)
- 98 Carpentry Certificate Term 1 – change CARP 1023 to CARP 1020
- 100 Child, Youth & Family Development Degree (ECME Concentration) Term 1 – should be MATH 1110 or higher; Biological/Physical Science Electives – NS 1020 should be NS 2010
- 101 CYFD Degree (Family Studies Concentration) Term 1 – should be Math 1110 or higher; Biological/Physical Science electives – NS 1020 should be NS 2010
- 118 Computer Information Systems Degree/Certificate (Systems Administration Concentration) – Biological/Physical Science Electives – PHYS 1510 should be 4 credit hours; Approved Electives – CIS 2149 should be 1 credit
- 122 Computing Technology Degree/Certificate Term 1 - CIS 1130 should be CIS 1330
- 132 Cosmetology Degree Term 4 should list the following courses: COS 2511, COS 2505, COS 2510 COS 2592, COS 2692, COS 2792, COS 2892, COS 2992
- 134 Stenotranscription Skill Set Term 1 - CR 1111 should be 4 credit hours
- 136 Criminal Justice Degree - Additional Approved Electives should also include: ANY COLLEGE LEVEL COURSES IN AREAS OF STUDY LISTED BELOW:
Biological/Physical Science, English/Communication, Foreign Language, Humanities, Social/Behavioral Science
- 136 Criminal Justice Degree Term 4 - CJ 2506 should be CJ 2505
- 136 Criminal Justice Degree - Approved Electives, “Any EPT course” should be “Any ESH course”
- 143 Diagnostic Medical Sonography Required Program Courses - delete BIO 2110/2192

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- 148 Electronics Technology Degree Term 4 - ELEC 2010 title should be “Introduction to Embedded Systems – Microcontrollers”
- 149 Electronics Technology Degree Term 4 - ELEC 2010 title should be “Introduction to Embedded Systems – Microcontrollers”
- 150 Elementary Education - Graduation Policy change “Students must graduate under current catalog” to “See addendum for Graduation Requirements”
- 151 Elementary Education Degree (Concentration in Bilingual Education) Term 5 - NS 1020 should be NS 2010
- 151 Elementary Education Degree (Concentration in Bilingual Education) - Biological/Physical Sciences Electives, ASTR 1010 should be ASTR 1110/1192; NS 1020 should be NS 2010; all science courses listed are 4 or 5 credit hours
- 152 Elementary Education Degree (Concentration in Elementary Education) - Social/Behavioral Science Electives, PSCI 1110 title should be “The Political World”
- 152 Elementary Education Degree (Concentration in Elementary Education) Term 5 - NS 1020 should be NS 2010
- 152 Elementary Education Degree (Concentration in Elementary Education) - Biological/Physical Sciences Electives, ASTR 1010 should be ASTR 1110/1192; NS 1020 should be NS 2010; all science courses listed are 4 or 5 credit hours
- 153 Elementary Education Degree (Concentration in Special Education) - Biological/Physical Sciences Electives, ASTR 1010 should be ASTR 1110/1192; NS 1020 should be NS 2010; all science courses listed are 4 or 5 credit hours
- 153 Elementary Education Degree (Concentration in Special Education) - Social/Behavioral Sciences Electives, PSCI 1110 title should be “The Political World”
- 154 EMS Special Requirements first paragraph should read: “Students must have taken HLTH 1001 within one year prior or may take concurrently a current professional-level BLS CPR course with the EMT-Basic (EMT-B) course. Students taking EMT-Intermediate (EMT-I) and or Emergency Department Technician (ED Tech) courses must have taken HLTH 1001 within one year prior. Intermediate EMT-I students must have successfully completed an EMT-B course (EMS 1010) and must be eligible for New Mexico state EMT-B licensure prior to starting the EMT-Intermediate course. and earned their New Mexico state license. ED Tech students must have a current New Mexico state EMT licensure.”
- 155 Add Emergency Medical Technician Intermediate Skill Set that includes EMS

2007-09 Catalog Corrections**PAGE**

- 1210/1292 (5 credits) and EMS 1290 (1 credit)
- 159 Engineering Degree Term 4 - ECON 2000 should be ECON 2200
- 167 Financial Services Degree/Certificate Term 4 - ECON 2000 should be ECON 2200; ECON 2001 should be ECON 2201
- 167 Financial Services Certificate/Degree, Approved Financial Services Electives - change ECON 2000 to ECON 2200; change ECON 2001 to ECON 2201
- 169 Fine Arts Degree (Art History Concentration) - Biological/Physical Science requirement should be 8 credits; under Bio/Phy Science Electives - change CHEM 1610/192 to CHEM 1610/1692; Term 2 - Art Studio Elective should be 3 credits; Total credit hours should be 68-70
- 170 Fine Arts (Art Studio Concentration) - under Bio/Phy Science electives - change CHEM 1610/192 to CHEM 1610/1692
- 172 Fire Science Degree Term 1 - EPT 2016 should be ESH 2016
- 172 Fire Science Degree - Approved Electives, "Any EPT Course" should be "Any ESH Course"
- 178 General Education Certificate Term 3 - COMM 1130 or higher should be COMM 1130 or COMM 2221
- 178 General Studies Degree Term 3 - COMM 1130 or higher should be COMM 1130 or COMM 2221
- 193 Integrated Studies Degree Term 1 - should be MATH 1210 or higher
- 200 Landscaping Certificate - add SCSE 1070 and SCSE 1075 to approved electives
- 201 Liberal Arts Degree - "Special Requirements" second paragraph: change THEA 1122 to THEA 2222
- 202 Liberal Arts Degree Term 2 - math course requirement should be MATH 1315 or higher (except MATH 2110 or 2096)
- 215 Medical Laboratory Technician Special Requirements - second paragraph, first sentence change MLT 1014/1190 to MLT 1014/1192
- 216 Medical Laboratory Technician Required Program Courses - change MATH 1330 to MATH 1330 or higher except MATH 2110 and MATH 2096-2996
- 223 Metals Technology Degree/Welding Certificate Term 2 - WELD 2692 should be WELD 1692
- 238 Post Degree Paralegal Studies Certificate - Approved by American Bar Association (ABA)
- 239 Paralegal Studies Degree - Approved Paralegal Studies Electives - CJ 1001 should be CJ 1002
- 240 Post Degree Paralegal Studies Certificate - Approved by American Bar Association

2007-09 Catalog Corrections**PAGE**

- (ABA)
- 248 Photonics Degree/Certificate Term 1 - PHOT 1101 should be PHOT 1001
- 254 Pre-Management Degree Term 1: ACCT 1109, BA 1101, 1133, AND 2222 are not required courses; Term 4: ACCT 1210 is not a required course
- 254 Pre-Management Degree Terms 2 & 3 - change ECON 2000 to 2200; change ECON 2001 to 2201
- 260 Project Management Degree - add CIS 1096 and higher to Approved Electives list
- 264 Real Estate Skill Set - BA 2279, CNM credit is 2
- 270 Respiratory Therapy Degree - add MATH 1210 or higher as a Required Program Course
- 272 Surgical Technology Certificate - in paragraph, ST 110A should be ST 1010
- 274 Technology Management & Training Degree Term 1 - ECON 2000 should be ECON 2200; ECON 2001 should be ECON 2201

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- 291 ACCT 1112 – prerequisites should be ACCT 1109 and ACCT 1111, OR MATH 1315
- 292 ACCT 2340 - prerequisite ACCT 1302 should be 1398
- 292 ACHR 1120 - pre and/or corequisite is ACHR 1110
- 295 ARDR 1105 - Pre- or corequisite should be ARDR 1010 or ARDR 180, ARDR 1110, ARDR 1101
- 295 ARDR 1201 - Prerequisites should be ARDR 1010 or ARDR 180, ARDR 1101
- 302 BA 2226 - Prerequisite should be HT 1132, BA 2222 or HT 2141 or division approval
- 305 BIO 1092 - pre-or corequisite should be BIO 1010
- 305 BIO 2292 - “topics covered in BIO 2110” should be “topics covered in BIO 2210”
- 307 CARP 1310 - there is no course prerequisite
- 311 CIS 1284 - prerequisite is CIS 1207 or division approval
- 312 CIS 1513 - Corequisite should be Pre- or corequisite: IT 1010 or division approval
- 328 ECME 1109 - Corequisite: ECME 1090 should be ECME 1190
- 331 EDUC 2207 - Prerequisite: ENG 0950 should be ENG 0750 or Accuplacer Sentence Skills score of 69
- 331 EDUC 2290 - Prerequisite: ENG 0950 should be ENG 0750 or Accuplacer Sentence Skills score of 69
- 334 EMS 1012 - prerequisite EMS 160L should be EMS 1010
- 334 EMS 1030 - prerequisite EMS 160L should be EMS 1010
- 334 EMS 1098 - Previously EMS 198; Add prerequisites: BIO 1310, EMS 1030 and EMS 1070/1090. Corequisites should be EMS 1512, 1515, 1570/1590, 2070, 2072, 2090
- 335 EMS 1290 - pre- or corequisite, EMT 1210/1292 should be EMS 1210/1292
- 335 EMS 1512 - Add prerequisites: BIO 1310, EMS 1030 and EMS 1070/1090. Corequisites should be EMS 1098, 1515, 1570/1590, 2070, 2072, 2090
- 335 EMS 1515 - Add prerequisites: BIO 1310, EMS 1030 and EMS 1070/1090. Corequisites should be EMS 1098, 1512, 1570/1590, 2070, 2072, 2090
- 335 EMS 1570/1590 - Add prerequisites: BIO 1310, EMS 1030 and EMS 1070/1090. Corequisites should be EMS 1098, 1512, 1515, 2070, 2072, 2090
- 335 EMS 1571/1690 - Add prerequisites EMS 1098, 1512, 1515, 1570/1590, 2070, 2072, 2090. Corequisites should be EMS 2005, 2172, 2198, 2292
- 335 EMS 2005 - Add prerequisites EMS 1098, 1512, 1515, 1570/1590, 2070, 2072, 2090. Corequisites should be EMS 1571/1690, 2172, 2198, 2292
- 335 EMS 2070 - Add prerequisites: BIO 1310, EMS 1030 and EMS 1070/1090. Corequisites should be EMS 1098, 1512, 1515, 1570/1590, 2070, 2072, 2090

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- 335 EMS 2072 - Add prerequisites: BIO 1310, EMS 1030 and EMS 1070/1090. Corequisites should be EMS 1098, 1512, 1515, 1570/1590, 2070, 2090
- 335 EMS 2090 - Add prerequisites: BIO 1310, EMS 1030 and EMS 1070/1090. Corequisites should be EMS 1098, 1512, 1515, 1570/1590, 2070, 2072
- 335 EMS 2172 - Add prerequisites EMS 1098, 1512, 1515, 1570/1590, 2070, 2072, 2090. Corequisites should be EMS 1571/1690, 2005, 2198, 2292
- 335 EMS 2198 - Add prerequisites EMS 1098, 1512, 1515, 1570/1590, 2070, 2072, 2090. Corequisites should be EMS 1571/1690, 2005, 2172, 2292
- 335 EMS 2292 - Add prerequisites EMS 1098, 1512, 1515, 1570/1590, 2070, 2072, 2090. Corequisites should be EMS 1571/1690, 2005, 2172, 2198
- 336 ENG 1150 - Course description is “Introduces the academic study of literature.”
- 336 ENG 2096 - Course description is “Presents various topics. See **Schedule of Classes.**”
- 338 ESH 1009 is a theory only course and does not have a lab component.
- 339 ESH 2415 - prerequisite should be ESH 2414
- 344 FS 2001 - prerequisites, change RDG 100 to RDG 0950
- 344 FS 2402 - prerequisites, change RDG 100 to RDG 0950
- 344 GIS 2001 - prerequisite should be CIS 1513
- 357 MEMS 2015 - prerequisite should be SMT 2001/2092
- 357 MEMS 2092 - prerequisite should be SMT 2001/2092
- 357 MLT 1007 - should read pre- or corequisite MLT 1010; corequisite MLT 1014/1192, MLT 1012/1092/1090
- 357 MLT 1012 - pre- or corequisite, add MLT 1090
- 357 MLT 1014 - pre- or corequisites should read: MLT 1007, 1010, 1012, 1090, 1092, 1192, 1290; prerequisites, BIO 222 should be 2292
- 357 MLT 1092 - title and course description should be: Clinical Urinalysis Laboratory. “Introduces basic medical laboratory techniques in urinalysis and special tests. (45 laboratory hours per term).” 1 credit. Program fees: published in the Schedule of Classes.
- 357 MLT 1192 - pre- or corequisites, add MLT 1090, 1092
- 357 MLT 1290 - pre-or corequisites should be: MLT 1007, 1010, 1012, 1014, 1090, 1190, 1192
- 357 MLT 1510 - prerequisite 1190 should be 1192
- 357 MLT 1511 - prerequisite 1190 should be 1192

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- 357 MLT 1592 - prerequisite 1190 should be 1192
- 358 MSL 2202 - previously MSL 202
- 361 NUTR 2096, 2196...2996 should be 1-3 credits
- 362 OLIT 1101 - course number should be OLIT 1010
- 364 PHLB 1010 - HLTH 0850 is a “recommended” prerequisite
- 365 PHYS 1692 - Corequisite should be PHYS 1610
- 372 RDG 0750 - Prerequisite: Accuplacer Reading score should be 59
- 376 SPED 2201 - Prerequisites should be RDG 0750 or Accuplacer Reading score of 69, ENG 0750 or Accuplacer Sentence Skills score of 69 and MATH 0930 or Accuplacer Elementary Algebra score of 72
- 376 SPED 2290 - Prerequisites should be RDG 0750 or Accuplacer Reading score of 69, ENG 0750 or Accuplacer Sentence Skills score of 69 and MATH 0930 or Accuplacer Elementary Algebra score of 72
- 378 VT 1010 - Corequisites should be VT 1004, 1006, 1008, 1092, 1070
- 380 Welding 1092 – Prerequisite: Accuplacer Arithmetic score should be 57

Registration and Academic Policies

PAGE

- 10 STARS, CNM’s telephone registration is no longer available. Registration and grade access are available online at cnm.edu or at any campus.

Tuition and Fees

PAGE

- 20 Please see the current **Schedule of Classes** for the most recent tuition and fees for CNM.

Financial Aid and Scholarship Services

PAGE

- 21 **Student Employment**
Hiring Process
Students may submit the signed supervisor referral form, a picture ID and Social Security card to the Financial Aid and Scholarship Services office at the Main, Westside or Montoya campuses.
- 22 **Check Release**
Students may elect to have their financial aid funds deposited directly to an account of their choosing by completing a direct deposit form at the Cashier’s Office.
- 23 **Other Information**
Dropping and Adding Classes
Students who add classes may be paid for additional hours. However, financial aid recipients who drop a class before the class begins or before the census date for that class may have to repay a portion or all of the funds they received including loans.
Online Services
Students can keep current with their financial aid by checking their account online. Among other things, students can view any holds, check their award status and find a listing of any documents that may be missing from their files.
- 23 **Repayment of Federal Funds**
Students who earn no passing grades in a given term are assumed to have unofficially withdrawn. For more information on withdrawals and repayments visit <http://www.cnm.edu/depts/fass/requirements/refundrepay.php>

Student Resources and Support

PAGE

- 27 **Libraries**
CNM Photo ID Cards Required for Library Services
Library Services requires students and employees to provide their CNM ID when accessing services that require identification verification. ID Office hours and locations are printed in the Schedule of Classes.

Graduation

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32 **Achieve The Dream – Be a CNM Graduate!**

Graduation from CNM is an important step for a student in meeting their education and career goals. With a CNM certificate or degree, a CNM graduate will join a growing number of successful CNM alumni by increasing their job and future educational opportunities.

Students must apply for graduation. To receive a certificate or degree from CNM, a student must complete CNM's Graduation Requirements, Graduation Application Process and pay any debts to CNM in full.

Any student with questions about graduation requirements or the graduation application process should meet with an academic advisor, achievement coach or program director.

Graduation Requirements for Certificates and Degrees

■ **Official Major** – Current students must make official declaration of the major (program) for graduation (see the 2007-09 Catalog, page 17 on adding, changing and declaring majors).

■ **Graduation Catalog** - Current students may choose to complete their program requirements as defined in the catalog in effect when they earned their first credit(s) at CNM or a later catalog as long as the catalog is not more than five years old.

Note: Course pre- and corequisites must be met for each course at the time of registration, regardless of the catalog under which a student will graduate.

■ **Required Coursework** – All program requirements must be completed, including all courses listed in the graduation catalog.

Note: Courses numbered below 1000 cannot be used to meet program graduation requirements.

◆ Approved transfer, nontraditional, exam credit and/or waivers or substitutions used to meet program requirements must be on file in the CNM Records Office at least two weeks prior to submitting their Graduation Application Packet. (see the 2007-09 Catalog, page 12)

Note: A student may be required to make up deficient credit resulting from course substitution or transfer. A course waiver does not require the student to make up the credits of the waived course. Because all CNM graduates in degree programs must complete a minimum of 60 credits and 90 percent of the credits required in their certificate program, there is a limit on the number of course waivers that can be granted. (Example: If a program requires 64 credits, a maximum of 4 credits may be waived. If a program requires 68 credits, a maximum of 8 credits may be waived.) All credits used for graduation must be displayed on the student's CNM transcript. (see the 2007-09 Catalog, page 12)

◆ All career and technical courses used to meet program requirements must have a grade of C or better and all arts and sciences courses, a minimum grade of D (see the 2007-09 Catalog, page 35).

Graduation

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32 ◆ Career and technical courses more than ten years old must have been officially validated by the instructional school in which the course was offered.

■ **Residency Requirement** - At least one-quarter of the required program coursework and credit hours for a certificate and 12 credit hours of the required program coursework for a degree must be completed at CNM.

Note: Credit based on challenge exams and courses graded AU do not apply toward the graduation residence requirement.

■ **GPA Requirement** - A cumulative GPA of 2.0 or better in the program is required (unless otherwise stated in the program description).

33 **Applying for Graduation**

1. Submit a Graduation Application Packet (GAP) for each completed program. GAPs are available online at cnm.edu. The packet includes:

- A graduation application,
- Job Connection and graduation surveys,
- A program checklist, and
- CNM unofficial web transcript

2. Completed packets must be submitted to the Academic Advisement and Career Development office during the term in which the student finishes their program. Submitted packets will be processed in the order received.

Note: Non-current students have up to one year after their last term of enrollment at CNM to apply for graduation.

Graduation with Honors

A student earning a cumulative GPA of 4.0 will graduate with highest honors. A student with a cumulative GPA of 3.6 to 3.9 will graduate with honors. Degrees, certificates and official CNM transcripts note these awards.

Updating Certificates

A student who has received a certificate may update his/her skills and earn a subsequent certificate in that program when:

- The previously earned certificate is 10 years old or older and
- 100 percent of the certificate coursework was completed within the past 10 years; and
- The student has met all other graduation requirements as stated in the CNM Catalog

Academic Divisions

PAGE

- 40 Academic Divisions are now referred to as Schools.
The Division of Educational and Career Advancement (ECA) is now the School of Adult and General Education (SAGE).
- 41 **School of Adult & General Education**
Within the School of Adult and General Education (SAGE), the Department of Introductory English & English as a Second Language has two levels of course work. ESL (English as a Second Language) classes are non-credit while ESOL (English for Speakers of Other Languages) classes offer credit.

Distance Learning

PAGE

45 Distance Learning Definitions

Online Course: All of the course content is delivered online. Course orientation, assignments, presentations, learning activities, interactive quizzes and tests are online. Instructors use e-mail, homepages and course management tools. Online courses require students to have access to a computer. Additionally students may be required to have access to a Web browser and purchase software. (100% online and carries the distance learning fee.)

Blended Online Course: The majority of the course content is delivered via the Internet. However, blended learning courses require on-campus sessions for orientations, presentations, exams, labs and/or other assessment activities with an instructor or in a proctored setting. The number of face-to-face sessions will vary depending on course requirements. Blended online courses require students to have access to a computer. Additionally students may be required to have access to a Web browser and purchase software. (Majority of content delivered online with required face-to-face meetings and carries the distance learning fee.)

Hybrid Course: A “hybrid” course combines both face-to-face classroom instruction and online Internet-based learning. Fifty percent of the student’s time is spent in the classroom and 50 percent of the time the student works independently on his or her own computers. For example, in courses where students typically meet face-to-face two days a week, hybrid courses may meet in the classroom once a week and the remaining course time is spent in an online classroom environment. Hybrid courses require students to have access to a computer. (50% online, 50% face-to-face and does not carry the distance learning fee.)

Video Course: Course presentations are delivered via DVD or videotape. (100% online/DVD and carries the distance learning fee.)

ALTERNATIVE TEACHER LICENSURE Certificate

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72 • *Certificate in Alternative Teacher Licensure (Concentrations in Early Childhood Multicultural Education, Elementary Education, Secondary Education, Special Education)*

Program Description

CNM offers a state-approved Alternative Teacher Licensure Certificate Program with concentrations in:

- Early Childhood Multicultural Education
- Elementary Education
- Secondary Education
- Special Education

Career and Advancement Opportunities

Upon successful completion of this certificate program and required state exams, candidates are eligible to apply for a New Mexico Level I provisional teaching license.

Special Requirements

Qualifications for Alternative Licensure

To qualify to pursue alternative licensure programs, an individual must have:

- A bachelor’s degree including 30 semester hours of credit in a particular field that applies to the licensure area sought; or
- A master’s degree including 12 semester hours of graduate credit in a particular field that applies to the licensure area sought; or
- A doctorate degree in a particular field that applies to the licensure area sought.

Initial admission to CNM’s Alternative Teacher Licensure Certificate Program requires:

- Completion of the CNM admission application
- Completion of the CNM Alternative Teacher Licensure Certificate Program application packet

Full acceptance (required to register for second term of coursework) requires:

- Passing scores on the Basic Skills portion of the New Mexico Teacher Assessment (NMTA). Note: To register for this exam visit www.nmta.nesinc.com
- Successful completion of first term coursework

ALTERNATIVE TEACHER LICENSURE Certificate

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72 ■ Complete student file on record with the education department (to include official college transcripts and reference letters)

CONTACT INFORMATION

For further information, contact the school of Communication, Humanities and Social Sciences at (505) 224-3588 or visit www.cnm.edu/depts/chss/programs/educ/index.php.

Additional courses are available to enhance this program of study. Please contact the program chair or program director for information.

ENTRY-LEVEL COURSE OR PROGRAM PREREQUISITES: Students must meet prerequisites by placement scores or specific course work. Please see Course Descriptions for prerequisite information.

Applicants to this program must meet the provisions of the New Mexico Public Education Department. Prospective students must possess (1) a bachelor’s degree that includes a minimum of 30 semester hours in a particular field, or (2) a master’s degree that includes a minimum of 12 graduate semester hours in a particular field, or (3) a doctoral degree in a particular field that appertains and corresponds to the subject area and level of instruction; meet all other prerequisites as specified in course sequence; and undergo screening process and be approved for enrollment.

73 *Certificate in Alternative Teacher Licensure (Concentrations in Early Childhood Multicultural Education, Elementary Education, Secondary Education, Special Education)*

Students must meet prerequisites by placement scores or specific course work. Please see Course Descriptions for prerequisite information.

CONCENTRATION: EARLY CHILDHOOD MULTICULTURAL EDUCATION

| | |
|--|-----------|
| ECME 2250 Foundations of Early Childhood Education..... | 3 |
| ECME 2252 Teaching Young Children | 3 |
| ECME 2254 Developmentally Appropriate Early Childhood Multicultural Curriculum . | 3 |
| ECME 2260 Observation & Assessment of Young Children..... | 3 |
| ECME 2262 Emergent Literacy: Theories & Principles | 3 |
| ECME 2264 Emergent Literacy: Methods & Materials | 3 |
| ECME 2390 Early Childhood Classroom Field Experience..... | 3 |
| Early Childhood Multicultural Education | 21 |

CONCENTRATION: ELEMENTARY

| | |
|--|---|
| EDUC 2250 Foundations of Early Childhood Education..... | 3 |
| EDUC 2252 Teaching Young Children | 3 |
| EDUC 2260 Fundamentals of Reading Instruction | 3 |
| EDUC 2262 Methods and Materials for Reading Instruction..... | 3 |
| EDUC 2284 Effective Teaching Methods & Strategies..... | 3 |

ALTERNATIVE TEACHER LICENSURE Certificate

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| PAGE | |
| 73 | EDUC 2285 Curriculum Development, Assessment and Evaluation..... 3 |
| | EDUC 2190 Supervised Field Experience 3 |
| | Elementary Education 21 |
| | CONCENTRATION: SECONDARY EDUCATION |
| | EDUC 2250 Foundations of Education 3 |
| | EDUC 2252 Teaching & Learning theory 3 |
| | EDUC 2264 Reading and Writing across the Curriculum in Secondary Education 3 |
| | EDUC 2284 Effective Teaching Methods and Strategies 3 |
| | EDUC 2285 Curriculum Development, Assessment and Evaluation..... 3 |
| | EDUC 2190 Supervised Field Experience 3 |
| | Secondary Education 18 |
| | CONCENTRATION: SPECIAL EDUCATION |
| | EDUC 2260 Fundamentals of Reading Instruction 3 |
| | SPED 2250 Exceptionalities & Placement 3 |
| | SPED 2256 Evaluation/Individual Ed Plan & Documentation in Special Education 3 |
| | SPED 2258 Classroom and Behavior Management for Students with Special Needs.... 3 |
| | SPED 2260 Methods and Materials for Special Education 3 |
| | SPED 2272 Reading for Special Learners..... 3 |
| | SPED 2390 Special Education Supervised Field Experience 3 |
| | Special Education 21 |
| | TOTAL CREDIT HOURS 18 or 21 |

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AVIATION TECHNOLOGY

- PAGE**
80 • *Associate of Applied Science Degree in Aviation Maintenance Technology**
• *Certificate in Airframe Maintenance Technician*
• *Certificate in Powerplant Maintenance Technician*

* – **PENDING FAA APPROVAL**

Program Description

The Aviation Maintenance Technology degree and Airframe Maintenance and Powerplant Maintenance certificate programs prepare students to apply for and take the Federal Aviation Administration (FAA) examinations to become certified airframe and powerplant (A&P) mechanics. Graduates will be qualified for employment in entry level positions in the aircraft maintenance and manufacturing fields.

Career and Advancement Opportunities

These programs are positioned to help provide a sustainable workforce for the emerging aviation manufacturing industry cluster in New Mexico. The aviation companies that have selected Albuquerque to establish manufacturing and assembly facilities will require Federal Aviation Administration (FAA) certified maintenance technicians as part of their assembly processes and after-sales servicing centers.

Special Requirements

Note: FAA regulations prohibit anyone from taking the General, Airframe or Powerplant licensing examinations who has been convicted of a drug-related crime within one year prior to the testing date.

Note: For information related to FAA certification of specific courses, please see the Schedule of Classes.

CONTACT INFORMATION

Program information is available from the School of Applied Technologies at (505) 224-3711, or from Academic Advisement and Career Development at (505) 224-4321.

Additional courses are available to enhance this program of study. Please contact the program chair or director for information.

COURSE PREREQUISITES: Students must meet prerequisites by placement scores or specific course work. Please see Course Descriptions for prerequisite information.

| Course | Accuplacer equiv. |
|---|-------------------|
| ENG 0950 Essay Writing or Accuplacer Sentence Score..... | 85 |
| MATH 0930 Algebraic Problem Solving I..... | 72 |
| RDG 0950 Reading & Critical Thinking or Accuplacer Reading Score..... | 80 |

AVIATION TECHNOLOGY Degree/Certificate

- PAGE**
81 *Associate of Applied Science Degree in Aviation Maintenance Technology*

Recommended Course Sequence for full-time students (Students should see an academic advisor to customize their educational plans.)

STUDENTS MUST MEET PREREQUISITES BY PLACEMENT SCORES OR SPECIFIC COURSE WORK. Please see Course Descriptions for prerequisite information.

| Course | Credit Hours |
|---|--------------|
| TERM 1 | |
| AVMT 1240 Aircraft Forms, Regulations, Publications and Mathematics | 4 |
| AVMT 1260 Basic Electricity I and Aircraft Weight & Balance | 4 |
| AVMT 1270 Basic Electricity II, Materials & Processes, etc..... | 4 |
| ENG 1101 College Writing..... | 3 |
| TERM 2 | |
| AVMT 1280 Aviation Physics, Aircraft Drawings, etc..... | 5 |
| AVMT 2220 Aircraft Wood Structures, Covering, etc | 5 |
| AVMT 2225 Atmosphere Control, Fire Detection, Ice & Rain Sys..... | 5 |
| COMM 1130 or higher | 3 |
| TERM 3 | |
| AVMT 2230 Aircraft Sheet Metal..... | 4 |
| AVMT 2235 Aircraft Landing Gear, etc | 5 |
| AVMT 2240 Aircraft Electrical Systems | 3 |
| MATH 1210 or higher..... | 3-4 |
| TERM 4 | |
| AVMT 2243 Aircraft Instruments, Position & Warning, etc..... | 5 |
| AVMT 2245 Airframe Assembly, Rigging and Welding..... | 5 |
| AVMT 2292 Airframe Inspection, Test & Review..... | 2 |
| Humanities or Behavioral / Social Science Elective | 3 |
| TERM 5 | |
| AVMT 2250 Reciprocating Engines..... | 4 |
| AVMT 2392 Reciprocating Engines Lab..... | 4 |
| AVMT 2260 Aircraft Turbine Engines I..... | 6 |
| TERM 6 | |
| AVMT 2262 Turbine Engines II, etc..... | 4 |
| AVMT 2265 Engine Fuel and Metering Systems..... | 6 |
| AVMT 2270 Engine Electrical Systems | 4 |

AVIATION TECHNOLOGY Degree/Certificate

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| | | |
|----|--|----------------|
| 81 | TERM 7 | |
| | AVMT 2275 Engine Instruments, Cooling, etc..... | 5 |
| | AVMT 2280 Propeller Systems, Engine Inspections and Test & Review..... | 5 |
| | PHYS 1010 Introduction to Physics..... | 3 |
| | TOTAL CREDIT HOURS | 104-105 |

Certificate in Airframe Maintenance Technician

TERM 1

| | |
|---|---|
| AVMT 1240 Aircraft Forms, Regulations, Publications and Mathematics..... | 4 |
| AVMT 1260 Basic Electricity I and Aircraft Weight & Balance..... | 4 |
| AVMT 1270 Basic Electricity II, Materials & Processes, etc..... | 4 |
|  ENG 1101 College Writing..... | 3 |

TERM 2

| | |
|---|---|
| AVMT 1280 Aviation Physics, Aircraft Drawings, etc..... | 5 |
| AVMT 2220 Aircraft Wood Structures, Covering, etc..... | 5 |
| AVMT 2225 Atmosphere Control, Fire Detection, Ice & Rain Sys..... | 5 |

TERM 3

| | |
|--|-----|
| AVMT 2230 Aircraft Sheet Metal..... | 4 |
| AVMT 2235 Aircraft Landing Gear, etc..... | 5 |
| AVMT 2240 Aircraft Electrical Systems..... | 3 |
|  MATH 1210 or higher..... | 3-4 |

TERM 4

| | |
|--|---|
| AVMT 2243 Aircraft Instruments, Position & Warning, etc..... | 5 |
| AVMT 2245 Airframe Assembly, Rigging and Welding..... | 5 |
| AVMT 2292 Airframe Inspection, Test & Review..... | 2 |

AIRFRAME MAINTENANCE TECHNICIAN..... 57-58

Certificate in Powerplant Maintenance Technician

TERM 1

| | |
|---|---|
| AVMT 1240 Aircraft Forms, Regulations, Publications and Mathematics..... | 4 |
| AVMT 1260 Basic Electricity I and Aircraft Weight & Balance..... | 4 |
| AVMT 1270 Basic Electricity II, Materials & Processes, etc..... | 4 |
|  ENG 1101 College Writing..... | 3 |

TERM 2

| | |
|---|---|
| AVMT 1280 Aviation Physics, Aircraft Drawings, etc..... | 5 |
| AVMT 2250 Reciprocating Engines..... | 4 |
| AVMT 2392 Reciprocating Engines Lab..... | 4 |

AVIATION TECHNOLOGY Degree/Certificate

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| | | |
|----|--|--------------|
| 81 | TERM 3 | |
| | AVMT 2260 Aircraft Turbine Engines I..... | 6 |
| | AVMT 2262 Aircraft Turbine Engines II, etc..... | 4 |
| | AVMT 2265 Engine Fuel and Metering Systems..... | 6 |
| | TERM 4 | |
| | AVMT 2270 Engine Electrical Systems..... | 4 |
| | AVMT 2275 Engine Instruments, Cooling, etc..... | 5 |
| | AVMT 2280 Propeller Systems, Engine Inspections and Test & Review..... | 5 |
| |  MATH 1210 or higher..... | 3-4 |
| | POWERPLANT MAINTENANCE TECHNICIAN | 61-62 |

AIRFRAME MAINTENANCE TECHNICIAN Certificate

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251-52

Program Description

The Airframe Maintenance Technician program prepares students to apply for and take the Federal Aviation Administration (FAA) examination to become Federal Aviation Administration (FAA) certified airframe mechanics. Graduates will be qualified for employment in entry level positions in the aircraft maintenance and manufacturing fields.

Career and Advancement Opportunities

This program is positioned to help provide a sustainable workforce for the emerging aviation manufacturing industry cluster in Albuquerque and New Mexico. The aviation companies that have selected Albuquerque to establish manufacturing and assembly facilities will require Federal Aviation Administration (FAA) certified technicians as part of their assembly processes and after-sales servicing centers.

Special Requirements

Note: FAA Regulations prohibit anyone from taking the General and Airframe licensing examinations who has been convicted of a drug-related crime within one year prior to the testing date.

Note: For information related to FAA certification of specific courses, please see the Schedule of Classes.

CONTACT INFORMATION

Program information is available from the School of Applied Technologies at (505) 224-3711, or from Academic Advisement and Career Development at (505) 224-4321.

Additional courses are available to enhance this program of study. Please contact the program chair or program director for information.

COURSE PREREQUISITES: Students must meet prerequisites by placement scores or specific course work. Please see Course Descriptions for prerequisite information.

| | |
|---|-------------------|
| Course | Accuplacer equiv. |
| ENG 0950 Essay Writing or Accuplacer Sentence Score..... | 85 |
| MATH 0930 Algebraic Problem Solving I..... | 72 |
| RDG 0950 Reading & Critical Thinking or Accuplacer Reading Score..... | 80 |

AIRFRAME MAINTENANCE TECHNICIAN Certificate

PAGE

81, *Certificate in Airframe Maintenance Technician*
251-52

Recommended Course Sequence for full-time students (Students should see an academic adviser to customize their educational plans.)

STUDENTS MUST MEET PREREQUISITES BY PLACEMENT SCORES OR SPECIFIC COURSE WORK. Please see Course Descriptions for prerequisite information.

TERM 1

| | |
|---|---|
| AVMT 1240 Aircraft Forms, Regulations, Publications and Mathematics | 4 |
| AVMT 1260 Basic Electricity I and Aircraft Weight & Balance | 4 |
| AVMT 1270 Basic Electricity II, Materials & Processes, etc..... | 4 |
| ENG 1101 College Writing..... | 3 |

TERM 2

| | |
|---|---|
| AVMT 1280 Aviation Physics, Aircraft Drawings, etc..... | 5 |
| AVMT 2220 Aircraft Wood Structures, Covering, etc | 5 |
| AVMT 2225 Atmosphere Control, Fire Detection, Ice & Rain Sys..... | 5 |

TERM 3

| | |
|---|-----|
| AVMT 2230 Aircraft Sheet Metal..... | 4 |
| AVMT 2235 Aircraft Landing Gear, etc | 5 |
| AVMT 2240 Aircraft Electrical Systems | 3 |
| MATH 1210 or higher..... | 3-4 |

TERM 4

| | |
|--|---|
| AVMT 2243 Aircraft Instruments, Position & Warning, etc..... | 5 |
| AVMT 2245 Airframe Assembly, Rigging and Welding..... | 5 |
| AVMT 2292 Airframe Inspection, Test & Review..... | 2 |

Airframe Maintenance Technician Certificate..... 57- 58

POWERPLANT MAINTENANCE TECHNICIAN Certificate

PAGE 81, • *Certificate in Powerplant Maintenance Technician*
251-52 **Program Description**

The Powerplant Maintenance Technician program prepares students to apply for and take the Federal Aviation Administration (FAA) examination to become certified power plant mechanics. Graduates will be qualified for employment in entry level positions in the aircraft maintenance and manufacturing fields.

Career and Advancement Opportunities

This program is positioned to help provide a sustainable workforce for the emerging aviation manufacturing industry cluster in Albuquerque and New Mexico. The aviation companies that have selected Albuquerque to establish manufacturing and assembly facilities will require Federal Aviation Administration (FAA) certified technicians as part of their assembly processes and after-sales servicing centers.

Special Requirements

Note: FAA Regulations prohibit anyone from taking the General and Powerplant licensing examinations who has been convicted of a drug-related crime within one year prior to the testing date.

Note: For information related to FAA certification of specific courses, please see the Schedule of Classes.

CONTACT INFORMATION

Program information is available from the School of Applied Technologies at (505) 224-3711, or from Academic Advisement and Career Development at (505) 224-4321.

Additional courses are available to enhance this program of study. Please contact the program chair or program director for information.

COURSE PREREQUISITES: Students must meet prerequisites by placement scores or specific course work. Please see Course Descriptions for prerequisite information.

| | |
|---|-------------------|
| Course | Accuplacer equiv. |
| ENG 0950 Essay Writing or Accuplacer Sentence Score..... | 85 |
| MATH 0930 Algebraic Problem Solving I..... | 72 |
| RDG 0950 Reading & Critical Thinking or Accuplacer Reading Score..... | 80 |

POWERPLANT MAINTENANCE TECHNICIAN Certificate

PAGE 81, *Certificate in Powerplant Maintenance Technician*
251-52 **Recommended Course Sequence for full-time students (Students should see an academic adviser to customize their educational plans.)**

STUDENTS MUST MEET PREREQUISITES BY PLACEMENT SCORES OR SPECIFIC COURSE WORK. Please see Course Descriptions for prerequisite information.

TERM 1

| | |
|---|---|
| AVMT 1240 Aircraft Forms, Regulations, Publications and Mathematics | 4 |
| AVMT 1260 Basic Electricity I and Aircraft Weight & Balance | 4 |
| AVMT 1270 Basic Electricity II, Materials & Processes, etc..... | 4 |
| ENG 1101 College Writing..... | 3 |

TERM 2

| | |
|---|---|
| AVMT 1280 Aviation Physics, Aircraft Drawings, etc..... | 5 |
| AVMT 2250 Reciprocating Engines..... | 4 |
| AVMT 2392 Reciprocating Engines Lab..... | 4 |

TERM 3

| | |
|--|---|
| AVMT 2260 Aircraft Turbine Engines I..... | 6 |
| AVMT 2262 Aircraft Turbine Engines II, etc. | 4 |
| AVMT 2265 Engine Fuel and Metering Systems..... | 6 |

TERM 4

| | |
|--|-----|
| AVMT 2270 Engine Electrical Systems | 4 |
| AVMT 2275 Engine Instruments, Cooling, etc..... | 5 |
| AVMT 2280 Propeller Systems, Engine Inspections and Test & Review..... | 5 |
| MATH 1210 or higher | 3-4 |

Powerplant Maintenance Technician Certificate61-62

GETTING STARTED

ACCESSING CNM

EDUCATIONAL OPTIONS

PROGRAMS OF STUDY

COURSE DESCRIPTIONS

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EMERGENCY MEDICAL TECHNICIAN PARAMEDIC Certificate

PAGE

157 EMS Paramedic Certificate Program - Graduation Checklist (Effective Fall 2008)

REQUIRED PROGRAM COURSES

| | |
|---|---|
|  BIO 1310 Human Anatomy & Physiology for Non-Majors..... | 3 |
| EMS 1012 EMS Drug Calculations..... | 1 |
| EMS 1030* EMS Pharmacology | 3 |
| EMS 1070*/1090* Advanced Trauma | 5 |

****Must obtain a grade of "B" or higher.***

TERM 1 FALL

| | |
|--|---|
| EMS 1098 Field Internship I..... | 2 |
| EMS 1512 Medical/Legal and Charting | 1 |
| EMS 1515 EMS Endocrine and GI/GU Systems..... | 1 |
| EMS 1570/1590 Cardiovascular System | 5 |
| EMS 2070 Respiratory System..... | 2 |
| EMS 2072 Neurological System..... | 2 |
| EMS 2090 Respiratory/Neurological Clinical | 1 |

TERM 2 SPRING

| | |
|--|---|
| EMS 1571/1690 Pediatric and Gynecology Emergencies | 3 |
| EMS 2005 Behavioral Emergencies in EMS and Communication | 2 |
| EMS 2172 Environmental Emergencies..... | 3 |
| EMS 2292 Competency Finals..... | 1 |
| EMS 2198 Field Internship II..... | 2 |

TOTAL CREDIT HOURS 37

AVMT – Aviation Maintenance Courses *(School of Applied Technologies)*

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Aviation Maintenance Technology Course Description Changes**AVMT 1240 – Aircraft Forms, Regulations, Publications and Mathematics** 4

(Recommended prerequisites: ENG 0950, RDG 0950, MATH 0940; Corequisites: AVMT 1260, AVMT 1270 or permission of program director)

Provides overview of technician's privileges and limitations. Includes familiarization with FAA forms and records. Presents mathematical computations of fundamental electrical circuit parameters. Includes drawing symbols and schematic diagrams. (53 theory hours and 45 lab hours per term)

AVMT 1260 – Basic Electricity I and Aircraft Weight & Balance 4

(Recommended prerequisites: ENG 0950, RDG 0950, MATH 0940; Corequisites: AVMT 1240, AVMT 1270, or permission of program director)

Includes basic definitions, laws and concepts. Includes schematic, wiring and parts placement diagrams. Test and troubleshoot electrical and electronic components and circuits. Also provides an understanding of aircraft weight and balance and its integration into the maintenance function. (30 theory hours and 75 lab hours per term)

AVMT 1270 – Basic Electricity II, Materials & Processes and Cleaning & Corrosion Control 4

(Recommended prerequisites: ENG 0950, RDG 0950, MATH 0940; Corequisites: AVMT 1240, AVMT 1260, or permission of program director)

Includes practical application of reading schematics, wiring diagrams along with parts placement diagrams, testing and troubleshoot electrical and electronic components and circuits. Also presents materials and processes as it relates to aircraft materials and tool usage. (33 theory hours and 75 lab hours per term)

AVMT 1280 – Aviation Physics, Aircraft drawings, Ground Operations & Servicing, Fluid Lines & Fittings, and Corrosion Control 5

(Recommended prerequisites: ENG 0950, RDG 0950, MATH 0940; Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, or permission of program director)

Provides basic concepts of motion, fluid dynamics, heat and sound, aerodynamics, aircraft structure and theory of flight. Includes fluid lines and fittings, component identification, function, inspection and installation. Presents cleaning and corrosion control non-destructive testing and precision measurement techniques. Performs aircraft ground operations and fuel servicing techniques. (70 theory hours and 26 lab hours per term)

AVMT 2220 – Aircraft Wood Structures, Covering, Finishing and Bonded Structures 5

(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270; Corequisite: AVMT 1280 or permission of program director)

Presents theories and techniques of aircraft wood structures. Presents inspection, test and repair of aircraft fabric and wood structures. Aircraft structural design and methods of working with selected materials. Characteristics of composites, inspections and repairs. (53 theory hours and 62 lab hours per term)

AVMT – Aviation Maintenance Courses *(School of Applied Technologies)*

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AVMT 2225 – Atmosphere Control, Fire Detection, Ice and Rain Protection Systems 5

(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270; Corequisite: AVMT 1280 or permission of program director)

Presents operation and maintenance of aircraft auxiliary systems, inspection, servicing, troubleshooting and repair of environmental control, ice and rain control, fire protection and warning systems. (75 theory hours and 15 lab hours per term)

AVMT 2230 – Aircraft Sheet Metal 4

(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280 or permission of program director)

Presents inspection, fabrication and repair techniques of aircraft structural and nonstructural components and sheet metal heat-treating techniques. (35 theory hours and 94 lab hours per term)

AVMT 2235 – Aircraft Landing Gear, Hydraulic, Pneumatic and Fuel Systems 5

(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280 or permission of program director)

Presents identification, inspection, repair and troubleshooting techniques of aircraft landing gear, hydraulic, fuel, pneumatic systems. (60 theory hours and 35 lab hours per term)

AVMT 2240 – Aircraft Electrical Systems 3

(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280 or permission of program director)

Presents proper operation, inspection, servicing and troubleshooting of DC (Direct Current) generator, DC alternator, AC (Alternating Current) alternator, voltage regulator, reverse current relay, generator and alternator protection devices. Also includes solenoids and relays. (36 theory hours and 40 lab hours per term)

AVMT 2243 – Aircraft Instruments, Position & Warning and Communication & Navigation Systems 5

(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1280 or permission of program director)

Presents communications, navigations, information display systems, transmitters and receiver fundamentals. Includes avionics installation, inspection and testing. Also includes the identification, inspection and testing of position and warning system components. Includes mechanical and electrical sensing devices. (68 theory hours and 38 lab hours per term)

AVMT 2245 – Airframe Assembly, Rigging and Welding 5

(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280 or permission of program director)

Presents aircraft assembly and rigging, flight control balancing and rigging. Aircraft welding techniques, theory and materials identification. (69 theory hours and 50 lab hours per term)

AVMT – Aviation Maintenance Courses *(School of Applied Technologies)*

PAGE

- 300 **AVMT 2250 – Reciprocating Engines** **4**
(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270; Corequisites: AVMT 1280, AVMT 2392 or permission of program director)
 Presents historical development and application of reciprocating engines. Includes the theory of internal combustion, design and environmental factors which influence propulsion. Reciprocating engine troubleshooting, inspection, service, repair and overhaul. Operational characteristics and engine test techniques on the aircraft and in test cells.
- AVMT 2260 – Aircraft Turbine Engines I** **6**
(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280 or permission of program director; Corequisite: AVMT 2262)
 Presents the historical development and application of turbine engines along with the theory of thrust. Includes the design and environmental factors which influence thrust. Turbine engine troubleshooting, inspection, service, repair and overhaul. Operational characteristics and engine test techniques on the aircraft and in test cells.
- AVMT 2262 – Aircraft Turbine Engines II, Induction, Lubrication, and Engine Fire Protection Systems** **4**
(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280 or permission of program director; Corequisite: AVMT 2260)
 Presents the tear down, inspection and rebuild of an aircraft turbine engines. Also includes troubleshooting, inspection, service, repair and overhaul procedures. Included in this course are the operation, inspection and maintenance of induction, lubrication and engine fire protection systems. *(30 theory hours and 75 lab hours per term)*
- AVMT 2265 – Engine Fuel and Metering Systems** **6**
(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280, or permission of program director)
 Presents inspection, servicing, troubleshooting, overhaul and repair of aircraft fuel systems and components, fuel metering devices, injection systems, turbochargers and superchargers. *(75 theory and 50 lab hours per term)*
- AVMT 2270 – Engine Electrical Systems** **4**
(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1280 or permission of program director)
 Presents the inspection, service, troubleshooting, overhaul and repair of engine electrical systems and components. *(45 theory and 30 lab hours per term)*

AVMT – Aviation Maintenance Courses *(School of Applied Technologies)*

PAGE

- 300 **AVMT 2275 – Engine Instruments, Cooling, Exhaust, Ignition and Starting Systems** **5**
(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280 or permission of program director)
 Presents the operation, maintenance, servicing, inspection, repair and troubleshooting of engine instruments, engine lubrication, cooling and exhaust systems. Also included is the theory of operation, maintenance, inspection, service, repair and troubleshooting of ignition and starting systems used in reciprocating and turbine engines. *(60 theory hours and 45 lab hours per term)*
- AVMT 2280 – Propeller Systems, Engine Inspections and Test & Review** **5**
(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280, AVMT 2250, AVMT 2392, AVMT 2260, AVMT 2262 and AVMT 2265; Corequisite: AVMT 2270 or permission of program director)
 Discusses the historical development, operation, disassembly, inspection, repair and maintenance of propellers. Also presents aircraft engine inspection techniques and reporting procedures. Presents log book record keeping skills. This course includes program review information to assist in the preparation for the final exam. Also allows extra course time to satisfy FAA time rules. *(60 theory hours and 50 lab hours per term)*
- AVMT 2292 – Airframe Inspection and Test & Review** **2**
(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280, AVMT 2220, AVMT 2225, AVMT 2230, AVMT 2235 and AVMT 2240; Corequisites: AVMT 2243, AVMT 2245 or permission of program director)
 Presents aircraft airframe inspection technique and reporting procedures. Also presents log book record keeping skills. This course includes program review information to assist in the passing of the final exam. Also allow extra course time to satisfy FAA time rules. *(75 lab hours)*
- AVMT 2392 – Reciprocating Engines Lab** **4**
(Prerequisites: AVMT 1240, AVMT 1260, AVMT 1270, AVMT 1280 or permission of program director, Corequisite: AVMT 2250)
 Applies the practical application of the tear down, inspection and rebuild of aircraft reciprocating engines. Also includes troubleshooting, inspection, service, repair and overhaul procedures. *(150 lab hours)*

Course Descriptions

| PAGE | | PAGE |
|------|---|------|
| 331 | EDUC 2222 – Language Acquisition and Linguistics for Teachers 3 (Prerequisites: Department approval) The course will provide students with an overview of linguistics and an in-depth study of first and second language acquisition. Using observation, reading and a variety of activities, students will develop a strong basis for English as a Second Language teaching. | |
| | EDUC 2224 – Sheltered English for Content Area Instruction 3 (Prerequisites: Department approval) This course is designed for students to gain an understanding of the goals, strategies and teaching techniques for Sheltered English in an ESL classroom. | |
| 337 | (All courses ending in 96 are topics courses) ENGR 2096, 2196.....2996 – Topics in Engineering 1-3 (Prerequisite: varies) Presents various topics. See Schedule of Classes | |
| | ENGR 2710 – Thermodynamics 3 (Prerequisites: CHEM 1610/1692, MATH 1715 and PHYS 1810) First and second laws of thermodynamics and their applications to engineering systems. Thermodynamic equilibrium, thermodynamic properties, availability and irreversibility. | |
| 338 | ENGR 2815 – Engineering Dynamics 3 (Prerequisite: ENGR 2810 ; Pre- or corequisite: Math 2710) Kinematics and kinetics of particles, systems of particles and solid bodies. Force/ acceleration, work/energy, and impulse/momentum principles. Graphical analysis, mechanisms and vibrations. | |
| | ENGR 2915 – Circuit Analysis II 3 (Prerequisite: ENGR 2910 and MATH 2910) Continuation of ENGR 2910, Circuit Analysis I. Differential equation modeling and analysis of linear circuits with sinusoidal inputs (phasors, impedances, admittances, power). Comprehensive treatment of circuit analysis in the frequency domain (Laplace transforms, frequency response, Bode plots, Fourier analysis). Thevenin's and Norton's theorems. | |
| 360 | NA 1096-1996 – Nursing Assistant Topics 1-3 Presents various topics. See Schedule of Classes | |
| 361 | NUTR 2096-2996 – Topics in Nutrition 1-3 Presents various topics. See Schedule of Classes | |
| 371 | RADT 2096-2996 – Special Topics in Radiologic Technology 1-6 Explore various topics of interest in the field of Radiologic Technology. Presents various topics. See Schedule of Classes | |

Course Descriptions

| PAGE | | PAGE |
|------|---|------|
| 373 | RT 2096-2996 – Special Topics in Respiratory Care 3-6 (Prerequisite: program director approval) Provides participation in supervised learning of advanced, specialized practices including cardiopulmonary diagnostics and specialized prenatal/pediatric or adult critical care. Presents various topics. See Schedule of Classes | |
| 375 | SPAN 2225: Spanish for the Bilingual Classroom 3 (Prerequisites: SPAN 2202 or SPAN 2276 or department approval) This class focuses on applications of the Spanish language in school and community settings with an emphasis on the teaching of mathematics, science, social studies and language arts. | |
| 376 | SPED 2258: Classroom and Behavior Management for Students with Special Needs 3 (Prerequisite: SPED 2250) This course promotes the concept of positive behavior supports and environmental management of behavior. In addition to the basic procedures for organizing and managing a classroom, the course addresses specific behavioral techniques used to foster successful student behavior in the classroom and school setting, including data collection, functional behavior assessment and developing effective behavior intervention plans. Field experience is required as part of this course. | |
| | SPED 2260: Methods and Materials for Special Education 3 (Prerequisite: SPED 2250) This course presents teaching strategies and materials specific to the curriculum development for and instruction of students with special needs. The course focuses on designing instruction based on student strengths, assessment of learning needs, intervention at the point of breakdown, task analysis and specific instructional materials that support student learning. Field experience is required as part of this course. | |
| | SPED 2390: Special Education Supervised Field Experience 3 (Prerequisite: program director approval) This course is an advanced supervised fieldwork experience with additional emphasis on collaboration and inclusion. Students are required to meet competencies as defined by the NM Public Education Department through a minimum of 160 contact hours in an approved special education setting. Students will also examine strategies for effective collaboration with parents, colleagues and administrators. Enrollment in this course requires an application process. | |
| 379 | VT 2096-2996 – Topics in Veterinary Technology 1-6 (Prerequisite: program director approval) Explores various topics of interest in the field of veterinary technology. Presents various topics. See Schedule of Classes | |

Codes and Policies

PAGE

384 **Falsehood/Identification Violations**

4. Failure to possess at all times a valid CNM Student ID and/or failure to present the ID to CNM officials upon proper request. Failure to comply with directions of CNM officials, faculty, staff or law enforcement officer acting in performance of their duties and/or failure to identify oneself to these persons when requested to do so.

Graduate Employment

Data for 2006-07

In addition to tracking the graduate employment data shown in the charts on these pages, the Job Connection Center (www.cnm.edu/depts/jcc) provides a variety of employment services and support to CNM students and graduates, including:

- Online job listings and leads
- Résumé and interview assistance
- Job search workshops
- Job market and job search materials
- On-campus recruitment activities
- Access to computers, the Internet and fax machine in support of job search activities
- Help with interview attire and grooming
- Job success consultation

Services are free and graduates have lifetime access.

The Job Connection Center provides a variety of services to employers, including job advertising, student/graduate referrals, on-campus recruiting opportunities and instructional/faculty contacts. Services are free. Employers should contact the Job Connection Center by calling (505) 224-3060.

The Job Connection Center also provides institutional and community services, including class presentations and collecting and publishing CNM graduate job placement statistics.

About the Graduate Employment Data

For more information and/or explanation about the graduate employment data on these pages, contact the Job Connection Center.

For local and state employment and wage trends, go to www.dol.state.nm.us/eds/index.html. For national employment and wage trends go to <http://acinet.org>

Programs not listed have no graduates for this reporting cycle.

CONTACT INFORMATION

Main Campus: (505) 224-3060, www.cnm.edu/depts/jcc

| | Total Graduates | Continuing Education | Percent Employed in Training-Related Job ¹ | Hourly Wage /Range ² |
|--|-----------------|----------------------|---|---------------------------------|
| Applied Technologies | | | | |
| Air Conditioning, Heating & Refrigeration, Certificate | 32 | 7 | 100% | \$13.15 - 36.00 |
| Architectural/Engineering Drafting Technology, Certificate | 21 | 3 | 93% | 9.50 - 16.41 |
| Architectural/Engineering Drafting Technology, Degree | 20 | 2 | 93% | 9.50 - 16.41 |
| Automotive Technology, Certificate | 33 | 8 | 93% | 6.00 - 15.00 |
| Carpentry, Certificate | 9 | 1 | 100% | 9.50 - 13.76 |
| Construction Management Technology, Degree | 17 | 1 | 73% | 14.25 - 24.03 |
| Construction Technology, Degree | 10 | 0 | 88% | 17.75 - 21.22 |
| Diesel Equipment Technology, Certificate | 23 | 4 | 100% | 10.00 - 16.50 |
| Electrical Trades, Certificate | 63 | 9 | 100% | 8.00 - 33.76 |
| Electronics Engineering Technology, Degree (program no longer offered) | 4 | 0 | 67% | 20.19 |
| Electronics Technology, Certificate | 22 | 8 | 83% | 11.50 - 17.55 |
| Electronics Technology, Degree | 22 | 4 | 85% | 13.00 - 25.00 |
| Engineering Design Technology, Degree (program no longer offered) | 5 | 1 | 75% | 15.00 - 20.00 |
| Film Crew Technician, Certificate | 14 | 0 | 100% | 12.50 |
| Geographic Information Technology, Certificate | 5 | 0 | 100% | 13.00 - 14.00 |
| Geographic Information Technology, Degree | 9 | 1 | 100% | 13.00 - 19.25 |
| Landscaping, Certificate | 6 | 1 | 100% | 17.50 |
| Machine Tool Technology, Certificate | 14 | 6 | 100% | 12.50 - 18.97 |
| Manufacturing Technology, Certificate | 2 | 0 | 100% | 18.00 |
| Manufacturing Technology, Degree | 4 | 0 | 100% | 17.56 - 18.00 |
| Mechanical Technology, Degree | 8 | 0 | 100% | 15.00 - 36.00 |
| Metals Technology, Degree | 10 | 2 | 75% | 13.25 - 18.00 |
| Photonics Technology, Certificate | 14 | 2 | 100% | 13.00 - 25.55 |
| Photonics Technology, Degree | 18 | 0 | 85% | 11.50 - 25.55 |
| Plumbing, Certificate | 40 | 7 | 100% | 9.50 - 27.65 |
| Residential Wiring, Certificate | 61 | 15 | 100% | 8.00 - 21.22 |
| Transportation Technology, Degree | 8 | 2 | 100% | 15.00 - 18.00 |
| Truck Driving, Certificate | 66 | 3 | 94% | 12.00 - 30.00 |
| Welding, Certificate | 22 | 5 | 100% | 13.50 - 18.50 |
| TOTAL APPLIED TECHNOLOGIES | 582 | 92 | 94% | N/A |
| Business & Information Technology | | | | |
| Accounting, Certificate | 31 | 14 | 92% | 9.00 - 25.48 |
| Accounting, Degree | 45 | 8 | 86% | 8.75 - 25.00 |
| Baking, Certificate | 31 | 17 | 100% | 9.00 - 15.00 |
| Bookkeeping, Certificate | 34 | 8 | 87% | 9.00 - 14.00 |
| Business Administration, Certificate | 20 | 5 | 100% | 12.33 - 27.00 |
| Business Administration, Degree | 45 | 7 | 97% | 12.00 - 28.85 |
| Business Graphics, Certificate | 4 | 1 | 0% | N/A |

2007-09 Catalog Addendum

| | Total Graduates | Continuing Education | Percent Employed in Training-Related Job ¹ | Hourly Wage/Range ² |
|---|-----------------|----------------------|---|--------------------------------|
| Business & Information Technology cont. | | | | |
| Business Graphics, Degree | 16 | 2 | 75% | 13.00 |
| Computer Information Systems, Certificate | 14 | 4 | 86% | 13.47 - 17.86 |
| Computer Information Systems, Degree | 22 | 5 | 80% | 12.00 - 25.00 |
| Computing Technology, Certificate | 7 | 0 | 33% | 9.00 |
| Computing Technology, Degree | 12 | 6 | 0% | N/A |
| Court Reporting, Certificate | 6 | 0 | 100% | 25.48 |
| Culinary Arts, Degree | 19 | 2 | 100% | 10.00 - 15.85 |
| E-Commerce, Certificate (certificate no longer offered) | 1 | 0 | N/A | N/A |
| E-Commerce, Degree (changed to concentration) | 1 | 1 | N/A | N/A |
| Financial Services, Certificate | 6 | 3 | 100% | Not Reported |
| Financial Services, Degree | 7 | 3 | 100% | Not Reported |
| Food Service Management, Certificate | 21 | 6 | 100% | 10.00 - 15.00 |
| Health Information Technology, Degree | 8 | 0 | 100% | 18.00 - 19.00 |
| Hospitality & Tourism, Certificate | 4 | 3 | 100% | 15.87 |
| Hospitality & Tourism, Degree | 7 | 4 | 100% | 15.87 |
| Integrated Studies, Degree | 38 | 22 | 89% | 10.67 - 11.50 |
| International Business, Certificate (changed to concentration) | 0 | 0 | N/A | N/A |
| Judicial Studies, Certificate | 13 | 3 | 71% | 8.99 - 13.00 |
| Medical Coding, Certificate | 14 | 2 | 67% | 10.42 - 18.75 |
| Medical Office Assistant, Certificate | 22 | 5 | 100% | 6.50 - 10.12 |
| Networking Tech., Certificate (changed to Network Admin. concentration) | 9 | 5 | 100% | 11.36 |
| Networking Tech., Degree (changed to Network Admin. concentration) | 17 | 4 | 100% | 11.36 - 45.00 |
| Office Administration, Certificate (program changed to Office Technology) | 15 | 2 | 85% | 10.00 - 20.00 |
| Office Administration, Degree (program changed to Office Technology) | 34 | 2 | 93% | 10.00 - 20.00 |
| Office Assistant, Certificate | 9 | 4 | 100% | 12.33 |
| Paralegal Studies, Degree | 21 | 1 | 87% | 11.00 - 21.00 |
| Pre-Management, Degree | 89 | 48 | 96% | 14.00 - 26.44 |
| Professional Cooking, Certificate | 27 | 10 | 100% | 8.50 - 15.85 |
| Project Management Technology, Degree | 3 | 0 | 50% | 20.19 |
| Retail Management, Certificate (changed to skill set) | 1 | 0 | N/A | N/A |
| Technology Management & Training, Degree | 7 | 4 | 100% | 12.33 - 17.00 |
| Web Technology, Certificate (changed to concentration) | 2 | 0 | 100% | 12.50 |
| Web Technology, Degree (changed to concentration) | 2 | 0 | 100% | 12.50 |
| TOTAL BUSINESS & INFORMATION TECHNOLOGY | 684 | 211 | 91% | N/A |

Communication, Humanities & Social Sciences

| | | | | |
|---|----|----|------|--------------|
| Child, Youth & Family Dev., Certificate (certificate no longer offered) | 1 | 0 | 100% | \$11.80 |
| Child, Youth & Family Dev., Degree | 26 | 6 | 100% | 8.42 - 18.03 |
| Elementary Education, Degree | 27 | 12 | 100% | Not Reported |

| | Total Graduates | Continuing Education | Percent Employed in Training-Related Job ¹ | Hourly Wage/Range ² |
|---|-----------------|----------------------|---|--------------------------------|
| Fine Arts, Degree | 3 | 2 | N/A | N/A |
| General Studies, Degree | 8 | 6 | 100% | 10.97 |
| Liberal Arts, Degree | 360 | 207 | 97% | 7.50 - 29.81 |
| TOTAL COMMUNICATION, HUMANITIES & SOCIAL SCIENCES | 425 | 233 | 98% | N/A |
| Health, Wellness & Public Safety | | | | |
| Biotechnology, Degree | 6 | 0 | 100% | 11.00 - 16.00 |
| Clinical Laboratory Assistant, Certificate | 4 | 0 | 100% | 9.71 |
| Cosmetology, Degree | 22 | 1 | 100% | 7.15 - 17.50 |
| Criminal Justice, Degree | 25 | 16 | 60% | 8.50 - 30.00 |
| Dental Assistant, Certificate | 16 | 1 | 90% | 10.00 - 14.00 |
| Diagnostic Medical Sonography, Degree | 10 | 0 | 100% | 23.00 - 33.53 |
| Environmental Safety & Health, Degree | 5 | 1 | 100% | 10.12 - 18.27 |
| Fire Science, Degree | 8 | 0 | 83% | 12.75 - 13.47 |
| Fitness Technician, Certificate | 6 | 1 | 100% | 8.00 - 23.25 |
| Health Unit Coordinator, Certificate | 46 | 7 | 88% | 8.73 - 15.33 |
| Medical Laboratory Technician, Degree | 1 | 1 | N/A | N/A |
| Nursing, Degree | 199 | 1 | 100% | 20.00 - 35.00 |
| Nursing Assistant, Certificate | 55 | 13 | 100% | 8.50 - 13.75 |
| Pharmacy Technician, Certificate | 16 | 0 | 90% | 11.00 - 13.00 |
| Phlebotomy, Certificate | 77 | 25 | 97% | 8.57 - 13.25 |
| Practical Nursing, Certificate | 26 | 1 | 100% | 9.00 - 24.00 |
| Radiologic Technology, Degree | 21 | 3 | 93% | 18.00 - 25.68 |
| Recreation & Leisure, Certificate (program no longer offered) | 4 | 0 | 100% | 11.51 |
| Recreation & Leisure, Degree (program no longer offered) | 3 | 0 | 100% | 11.51 - 13.30 |
| Respiratory Therapy, Degree | 18 | 0 | 93% | 18.36 - 27.10 |
| Surgical Technology, Certificate | 9 | 0 | 100% | 15.00 - 16.50 |
| Veterinary Technology, Degree | 15 | 0 | 100% | 9.80 - 14.50 |
| TOTAL HEALTH, WELLNESS & PUBLIC SAFETY | 592 | 71 | 97% | N/A |
| Mathematics, Science & Engineering | | | | |
| Engineering, Degree (formerly Pre-Engineering) | 10 | 6 | 100% | 13.50 |
| TOTAL MATHEMATICS, SCIENCE & ENGINEERING | 10 | 6 | N/A | N/A |
| TOTALS | 2293 | 613 | 95% | N/A |

1. Excludes those not located, not seeking training-related job, continuing school, or serving in military.

2. Not necessarily entry-level wages; only includes wages whereby the acquisition of a degree/certificate resulted in a training related position or promotion. Not all graduates report wages.

For local and state employment and wage trends, go to www.dol.state.nm.us/eds/index.html. For national employment and wage trends, go to <http://acinet.org>