

CHABOT COLLEGE  
CURRICULUM CHANGES  
2016-2017  
Fall 2016, Effective Fall 2017

**REVISED RUBRICS:**

**NEW DEGREES:**

Advanced Manufacturing Technology (AS)  
Environmental Science (AS)  
Global Studies (AA-T)  
Chemistry (AS-T)

**REVISED DEGREES:**

Biology (AA)  
Dental Hygiene (AA)  
Electronic Systems Technology (AS)  
Liberal Arts (AA)  
Mathematics (AS)  
Medical Assisting (AA)  
Music (AA-T)  
Spanish Associate in Arts for Transfer (AA-T)

**DEACTIVATED DEGREES:**

Music (AA)

**NEW CERTIFICATES:**

Advanced Manufacturing Technology (Certificate of Achievement)  
Women's Studies (Certificate of Achievement)

**REVISED CERTIFICATES:**

Accounting Technician (Certificate of Achievement)

**DEACTIVATED CERTIFICATE:**

*In the event students request this Certificate, they will be accommodated via course petitions or course waivers in consultation with the program coordinator.*

Automotive Engine Machining (Certificate of Achievement)  
Business Graphics (Certificate of Proficiency)

ICT Cloud Infrastructure (Certificate of Proficiency)  
ICT Cloud Services (Certificate of Proficiency)  
Information and Communication Technology Support (Certificate of Proficiency)  
Office Technology (Certificate of Achievement)  
Office Technology (Certificate of Proficiency)

**NEW COLLEGE COURSES:**

Art 9A: Art Interdisciplinary Colloquium I (1 unit)  
Art 9B: Art Interdisciplinary Colloquium II (1 unit)  
Dance HAT3: Advanced Haitian Dance (0.50 – 2 units)  
Dance HAT4: Haitian Dance Performance (0.50 – 2 units)  
Early Childhood Development 41: Strategies for Working with Challenging Behaviors (3 units)  
Electronic Systems Technology 57C: Electrical Motors and Control Systems (2 units)  
Electronic Systems Technology 57D: Industrial Networks and Internet of Things (2 units)  
Environmental Studies 1: Introduction to Environmental Studies (3 units)  
Ethnic Studies 10: Introduction to Asian American Studies (3 units)  
General Studies 6: P3: Passion and Purpose and Pathways (2 units)  
General Studies 33A: Black Student Leadership (3 units)  
General Studies 33B: Black Student Leadership 2.0 (3 units)  
Geological Sciences 1: Physical Geology with Laboratory (4 units)  
Industrial Technology 62: Advanced Manufacturing Operations (3 units)  
Industrial Technology 63: Introduction to Micro, Nano, and Semiconductor Manufacturing(3 units)  
Industrial Technology 64: Digital 2D Manufacturing (2 units)  
Industrial Technology 65: Digital 3D Manufacturing (2 units)  
Japanese 2A: Intermediate Japanese (4 units)  
Japanese 2B: Advanced Japanese (4 units)  
Mass Communications 57: KCRH Radio Leadership Experience (3 units)  
Music Recording Technology 50: Music Industry Internship (1 unit)  
Physical Education Activity JUD4: Competition Judo (0.5 – 2 units)  
Physical Education Activity VOL4: Competitive Volleyball (0.50 – 2 units)  
Service Learning 5A: Service Learning for World Languages: Beginning (2 units)  
Service Learning 5B: Service Learning for World Languages: Intermediate (2 units)  
Service Learning 5C: Service Learning for World Languages: Advanced Intermediate (2 units)  
Service Learning 5D: Service Learning for World Languages: Advanced (2 units)  
Theater 5B: Intermediate Theater for Young Audiences (3 units)  
Theater 14: American Cultures in Theater (3 units)  
Theater 15A: Introduction to Directing for Theater (3 units)  
Theater 61A: Social Issues Theater for Young Audiences (3 units)

**REACTIVATING COURSES:**

**RENAMED/RENUMBERED AND UNIT CHANGES:**

Architecture 2A: Architectural Graphics in Drawing and Sketching (3 units);

changed from Architecture 2A: Architectural Drawing and Graphics I (3 units)

Architecture 2B: Architectural Graphics in Color Rendering (3 units);  
changed from Architecture 2B: Architectural Drawing and Graphics II (3 units)

Architecture 33: Digital Communication in Modeling (3 units);  
changed from Architecture 33: 3-D Modeling (3 units)

Architecture 68: Digital Tools for Design and Visual Communication (4 units);  
changed from Architecture 68: CAD for Architecture and Interior Design (3 units)

Architecture 80: Architectural Education and Practice (2 units);  
changed from Architecture 80: Architectural Practice (2 units)

Dental Hygiene 55A: Dental Materials (1.50 unit);  
changed from Dental Hygiene 55A: Dental Materials (1 unit)

Dental Hygiene 61S: Head and Neck Anatomy Independent Study (0.50 units);  
changed from Dental Hygiene 61S: Head and Neck Anatomy Independent Study (1 unit)

General Studies 5A: Passion and Purpose (2.50 units)  
changed from General Studies 5A: Passion and Purpose (2.00 units)

General Studies 5B: Passion and Purpose (2.50 units)  
changed from General Studies 5B: Passion and Purpose (2.00 units)

Interior Design 68: Digital Tools for Design and Visual Communication (4 units);  
changed from Interior Design 68: CAD for Architecture and Interior Design (3 units)

Learning Skills 116: Learning Skills - Diagnostic Clinic and Study Skills (1 unit);  
changed from English 116: Learning Skills - Diagnostic Clinic and Study Skills (1 unit)

Learning Skills 117: Learning Skills – Reading (4 units);  
changed from English 117: Learning Skills – Reading (4 units)

Learning Skills 118A: Learning Skills: Reading/Writing (3 units);  
changed from English 118A: Learning Skills: Reading/Writing (3 units)

Learning Skills 118B: Learning Skills: Writing/Reading (3 units);  
changed from English 118B: Learning Skills: Writing/Reading (3 units)

Learning Skills 119: Mathematics (3 units);  
changed from English 119: Learning Skills: Mathematics (3 units)

Learning Skills 120: Learning Skills – Study Strategies (2 units);  
changed from English 120: Learning Skills – Study Strategies (2 units)

Learning Skills 121: Learning Skills – Quantitative Strategies through Language Skills (2 units);  
changed from English 121: Learning Skills – Quantitative Strategies through Language Skills (2  
units)

Mathematics 104: Prealgebra (4 units);  
changed from Mathematics 104: Prealgebra (3 units)

Theater 5A: Introduction to Theater for Young Audiences (3 units);  
changed from Theater 5: Introduction to Theater for Young Audiences (3 units)

#### **NEW APPRENTICESHIP COURSES:**

#### **DELETED COURSES:**

Business 17: Business Ethics and Society (3 units)  
Business 87: Project Management Certification Exam Preparation (3 units)  
Business 88: Introduction to Project Management (3 units)  
Business 89: Project Planning, Scheduling and Control (3 units)  
Business 94: MS Project Fundamentals (1 unit)  
Early Childhood Development 61: Literature for the Young Child (3 units)  
Early Childhood Development 64: Play: Materials & Environments (3 units)  
Early Childhood Development 85: Mentor Seminar Fall (0.50 units)  
Early Childhood Development 86: Mentor Seminar Spring (0.50 units)  
Early Childhood Development 89: Issues in Early Childhood Education (1.00 units)  
Nursing 50: Fundamentals of Nursing Practice: Review (5 units)

#### **REVIEWED COURSES WITH NONSUBSTANTIAL CHANGES:**

Anthropology 4: Language and Culture (3 units)  
Art 24: 3-D Foundations (3 units)  
Automotive- BMW 20: BMW Body Electronics (5 units)  
Automotive- BMW 30: BMW Chassis Dynamics (5 units)  
Automotive- BMW 40: BMW Engine Electronics and Engine Technology (5 units)  
Automotive Technology 7: Automotive Heating and Air Conditioning Systems (2.5 units)  
Automotive Technology 8: Automotive Air and Fuel Delivery Systems (4 units)  
Automotive Technology 10: Automotive Advanced Engine Performance (3 units)  
Automotive Technology 90: Hybrid Vehicle Operation and Servicing (2 units)  
Automotive Technology 91: Hybrid Diagnosis and Alternate Fuels Technology (2 units)  
Business 36: Introduction to Marketing (3 units)  
Chemistry 30A: Introductory and Applied Chemistry I (4 units)  
Communication 48: Activities in Forensics (1 - 4 units)  
Dental Hygiene 50B: Dental Hygiene Orientation II (0.50 units)

Dental Hygiene 56B: Community Dental Health II (1 unit)  
 Dental Hygiene 74B: Dental Radiography II (1.50 units)  
 Dental Hygiene 81A: Clinical Practice I (5 units)  
 Dental Hygiene 81B: Clinical Practice II (5 units)  
 Dental Hygiene 82A: Clinical Experience Seminar I (1 unit)  
 Economics 1: Principles of Microeconomics (3 units)  
 Economics 2: Principles of Macroeconomics (3 units)  
 Electronic Systems Technology 52: Electronic Systems Measurement and Troubleshooting (2 units)  
 Electronic Systems Technology 54: Analog Circuits and Semiconductor Devices (2 units)  
 Electronic Systems Technology 55A: Microcontroller Systems (2 units)  
 Electronic Systems Technology 55B: Digital Logic Systems (2 units)  
 Electronic Systems Technology 56A: Electronic Power Systems I (2 units)  
 Electronic Systems Technology 56B: Electronic Power Systems II (2 units)  
 Electronic Systems Technology 57A: Process Control Systems (2 units)  
 Electronic Systems Technology 57B: PLC and Robotic System Components (2 units)  
 Electronic Systems Technology 58: Wireless Communication Systems (2 units)  
 Electronic Systems Technology 60: Electronic Systems Analysis (2 units)  
 Electronic Systems Technology 61: Electronic Systems Project Management (2 units)  
 Electronic Systems Technology 63A: IT Essentials: PC Hardware and Software I (2 units)  
 Electronic Systems Technology 63B: IT Essentials: PC Hardware and Software II (2 units)  
 Engineering 25: Computational Methods for Engineers and Scientists (3 units)  
 English As A Second Language 110B: Intermediate Reading and Writing (6 units)  
 English As A Second Language 120: Writing Workshop for Non-Native Speakers: Emphasis on Pre-writing & Paragraph Organization (0.5 units)  
 English As A Second Language 121: Writing Workshop for Non-Native Speakers: Emphasis on Thesis Development and Essay Organization (0.5 units)  
 English As A Second Language 122: Writing Workshop for Non-Native Speakers: Emphasis on Editing and Writing Process (0.5 units)  
 Industrial Technology 74: Measurements and Calculations (3 units)  
 Mathematics 1: Calculus I (5 units)  
 Mathematics 2: Calculus II (5 units)  
 Mathematics 20: Pre-Calculus Mathematics (5 units)  
 Mathematics 25: Computational Methods for Engineers and Scientists (3 units)  
 Mathematics 33: Finite Mathematics (4 units)  
 Mathematics 36: Trigonometry (3 units)  
 Mathematics 37: Trigonometry with an Emphasis on its Geometric (5 units)  
 Mathematics 43: Introduction to Probability and Statistics (4 units)  
 Mathematics 47: Mathematics for Liberal Arts (3 units)  
 Mathematics 55A: Intermediate Algebra A (3 units)  
 Mathematics 55B: Intermediate Algebra B (3 units)  
 Music Literature 2A: Harmony and Musicianship I (4 units)  
 Music Literature 2B: Harmony and Musicianship II (4 units)  
 Music Literature 2C: Harmony and Musicianship III (4 units)

Nursing 75: Fluid and Electrolytes (1 unit)

Physical Education Activity HER1: Basic Heart Rate Training: Fitness Training Utilizing a Heart Rate Monitor (0.50 – 2 units)

Physics 25: Computational Methods for Engineers and Scientists (3 units)

Sociology 10: Introduction to Asian American Studies (3 units)