North Georgia Technical College Catalog Addendum 2016-2017

The table below indicates changes that have been made to the 2016-2017 catalog since August 2016

#	Date	Topic	Change	Page #
1	09/1/2016	Changes to Course Descriptions	**EMSP 1110 – INTRODUCTION TO THE EMT PROFESSION (2-2-3)** **Prerequisites:** ~~ALHS 1011, ALHS 1090 OR enrollment in EMT Certificate~~ Program Admission **Co-requisites: EMSP 1120, EMSP 1150** **EMSP 1120 – EMT ASSESSMENT/AIRWAY MANAGEMENT AND PHARMACOLOGY (2-2-3)** **Prerequisites:** ~~ALHS 1011, ALHS 1090 OR enrollment in EMT Certificate~~ Program Admission **Co-requisites: EMSP 1110, EMSP 1150** **EMSP 1150 – SHOCK AND TRAUMA FOR THE EMT (2-2-3)** **Prerequisites:** ~~ALHS 1011, ALHS 1090 OR enrollment in EMT Certificate~~ Program Admission **Co-requisites: EMSP 1110, EMSP 1120** **EMSP 2110 – FOUNDATIONS OF PARAMEDICINE (2-2-3)** **Prerequisites:** ~~ALHS 1011, ALHS 1090 AND~~ Completion of EMT Certificate or the equivalent OR hold a current GA State EMT, EMT-I license, AEMT, or Cardiac Tech license **Co-requisites: EMSP 2120, EMSP 2130, EMSP 2510**	253-255
2	10/2/2016	Changes to Environmental Technology AAS program courses and number of credit hours required for graduation	**Remove:** ESCI 1060 Survey of Environmental Law - 3 Credit Hours **Occupational Courses - Total** ~~31~~ **28 credit hours** **Credit Hours Required for Graduation……………** ~~75~~ **72**	119
3	10/20/2016	Changes to Industrial Systems Technology Diploma Courses and Course Descriptions	**Add Occupational Course:** IDSY 1195 Pumps and Piping Systems………………………3 **Update Credit Hours** **IDSY 1110 – INDUSTRIAL MOTOR CONTROLS I (2-5-4)** **IDSY 1120 – BASIC INDUSTRIAL PLC'S (1-7-4)** **IDSY 1130 – INDUSTRIAL WIRING (2-5-4)** **IDSY 1170 – INDUSTRIAL MECHANICS (1-7-4)** **IDSY 1190 – FLUID POWER SYSTEMS (2-5-4)** **Add Course** **IDSY 1195 – PUMPS AND PIPING SYSTEMS (1-4-3)** This course provides instruction in the fundamentals concepts of industrial pumps and piping systems. Topics include: pump identification, pump operation, installation, maintenance and troubleshooting, piping systems and installation of piping systems.	174 266-267
4	10/24/2016	Change to credit hours and prerequisite requirements for BUSN 2190 – Business Document Proofreading and Editing	**BUSN 2190 – BUSINESS DOCUMENT PROOFREADING AND EDITING** ~~(1-4-3)~~ **(2-2-3)** **Prerequisites:** ~~BUSN 1440; and~~ ENGL 1010 or ENGL 1101 Emphasizes proper proofreading and editing for business documents. Topics include applying proofreading techniques and proofreaders' marks with business documents; proper content, clarity, and conciseness in business documents; and business document formatting.	228
5	11/1/2016	Change to program course number for Engineering Technology Fundamentals Certificate (EF11)	DFTG 2010 Engineering Graphics 4	172

6	11/29/2016	Change to Cosmetology Program admission dates and additional information	**Cosmetology Diploma (CO12)** *Offered at the Clarkesville and Blairsville Campuses* ==Entrance Dates………Fall, Spring (occupational courses)== **Program Requirements:** • Must complete basic skills courses before entering the occupational courses which begin in the ==fall and spring== **Additional Information:** • Must earn a grade of "C" (2.0 GPA) or better in all COSM courses before eligibility for state or national examinations can be certified • Any individual applying for State Board certification that has a misdemeanor or felony must explain and document each occurrence at the time of application • ==Completion of State Board exam required within 24 months of graduation. Classes will expire after 24 months and individual will be required to retake courses.==	183
7	1/5/2017	Addition to Course Descriptions - Engineering Technology AAS Program	**ENGT 2200 – INTERNATIONAL ENGINEERING TECHNOLOGY AND IRISH CULTURE (1-5-3)** *Prerequisite: Program Admission or Advisor Approval* This course provides a global perspective on engineering technology through international immersion and industry engagement. Students are introduced to the terms, concepts, and methodologies/practices utilized in Irish engineering and manufacturing, as well as to Irish culture. Topics include an historical overview of the development of manufacturing in Ireland, the role of contemporary pacesetters in Irish manufacturing, sustainable energy building and services technology, convergent technologies, applied materials technology, robotics technology, global and multicultural perspectives, effective communication, professionalism, and social responsibility.	259
8	2/13/2017	Changes to Course Descriptions – Automotive Technology Program	**AUTT 1020 – AUTOMOTIVE ELECTRICAL SYSTEMS (2-14-7)** *Co-requisite: AUTT 1010* Introduces automotive electrical systems emphasizing the basic operating principles, diagnosis, and service/repair of batteries, starting systems, charging systems, lighting systems, instrument cluster and driver information systems, and body electrical systems. **AUTT 1030 – AUTOMOTIVE BRAKE SYSTEMS (2-5-4)** *Pre/Co-requisites: AUTT 1010, AUTT 1020* Introduces brake systems theory and its application to automotive braking systems and anti-lock brake system (ABS). Topics include: hydraulic system diagnosis and repair; drum brake diagnosis and repair; disc brake diagnosis and repair; power assist units diagnosis and repair; related systems (wheel bearings, parking brakes, electrical, etc.) diagnosis and repair; and electronic brake control systems. **AUTT 1040 – AUTOMOTIVE ENGINE PERFORMANCE (2-13-7)** *Pre/Co-requisite: AUTT 1020* Introduces basic engine performance systems which support and control four-stroke gasoline engine operations and reduce emissions. Topics include: general engine diagnosis, computerized engine controls and diagnosis, ignition system diagnosis and repair, fuel and air induction, exhaust systems, and emission control systems diagnosis and repair.	223-224

| 8 | 2/13/2017 | Changes to Course Descriptions – Automotive Technology Program | **AUTT 1060 – AUTOMOTIVE CLIMATE CONTROL SYSTEMS (3-4-5)** *Prerequisite: AUTT 1020* Introduces the theory and operation of automotive heating, ventilation, and air conditioning (HVAC) systems. Students attain proficiency in inspection, testing, service, and repair of heating and air conditioning systems and related components. Topics include: a/c system diagnosis and repair; refrigeration system component diagnosis and repair; heating, ventilation, and engine cooling systems diagnosis and repair; operating systems and related controls diagnosis and repair; and refrigerant recovery, recycling, and handling.

AUTT 2020 – AUTOMOTIVE MANUAL DRIVE TRAIN AND AXLES (2-5-4) *Pre/Co-requisite: AUTT 1010* This course introduces basics of rear-wheel drive, front-wheel drive, and four-wheel drive line operation, diagnosis, service, and related electronic controls. Topics include: general drive train diagnosis; clutch diagnosis and repair; manual transmission/transaxles diagnosis and repair; drive shaft and half shaft, universal and constant velocity (CV) joint diagnosis and repair; drive axle diagnosis and repair; and four-wheel drive/all-wheel drive component diagnosis and repair. | 223-224 |
| 9 | 2/20/2017 | Addition of Certificate Program to Cosmetology – effective 201712 | <div align="center">**Shampoo Technician Certificate (ST11)**
Offered at Habersham Central High School</div>Entrance Dates….. Fall, Spring
Length of Program.. 1 Term
Credit Hours Required.. 12

Purpose: The Shampoo Technician certificate introduces courses that prepare students for careers in the field of cosmetology as shampoo technicians. Learning opportunities develop academic and professional knowledge required for job acquisition, retention, and advancement. The program emphasizes specialized training for safety, sanitation, state laws, rules and regulations, chemistry, anatomy and physiology, structure of the hair, diseases and disorders of the hair and scalp, hair and scalp analysis, basic hair and scalp treatments, basic shampooing techniques, reception sales, management, employability skills and work ethics. Graduates are employable as a cosmetology salesperson, salon manager, or salon owner.

Admission Requirements:
•Age 16 or older
•High school diploma or GED
•Completion of application process including placement test; or provide SAT or ACT scores less than five years old

Program Courses
COSM 1000 Introduction to Cosmetology Theory   4
COSM 1020 Hair Care and Treatment   2
COSM 1120 Salon Management   3
COLL 1010 College & Career Success Skills   3

Estimated cost of books and supplies for full program is approximately $100. | 185 |

10	3/1/2017	Change to COMP 1000 course. Effective Summer Term 2017	**COMP 1000 – INTRODUCTION TO COMPUTER LITERACY (2-2-3)** **Prerequisite: Provisional Admission** Introduces the fundamental concepts, terminology, and operations necessary to use computers. Emphasis is placed on basic functions and familiarity with computer use. Topics include introductions to computer and digital terminology and usage, operating systems, Internet and digital communication, word processing applications, spreadsheet applications, database applications, and presentation applications.	238
11	4/26/2017	Added additional elective for Air Conditioning Technology Diploma and Degree Programs	**AIRC 2500 - HVACR INTERNSHIP (4**) - accepted elective for Air Conditioning Technology Degree (ACT3) and Air Conditioning Technology Diploma (ACT2)	161 162
12	5/11/2017	**Learning Support for English Courses** Effective Summer Term 201716	**Diploma Students** Diploma seeking students testing below required placement scores for program level Reading and/or Writing, must sign a mandatory tutoring contract in order to enter the program-required English. Contract students must contact the Dean for Academic Affairs or General Education Department Chair to review and sign the contract. At mid-term, based on student performance, the instructor may release the student from mandatory tutoring; however, the contract is not voided: students who have been released but subsequently do not maintain at least a B average will be required to return to tutoring. In the event contract students do not complete, either by failure or withdrawal, the program level English course the student will sign a new contract and repeat the program level course with mandatory tutoring. **Degree Students** Degree seeking students testing below the required placement scores for entry into program-level English will be required to register for and attend an English 0988 course in addition to the program required English course. Students must maintain attendance in both courses. If students stop attending English 0988, they will be dropped from the program level English. Likewise, students who fail to attend the program level English will be dropped from English 0988. In the event a co-requisite student does not complete the program level English course, the student will have to repeat English 0988 and the program English courses regardless of grade.	57