



# INSTRUCTIONAL PACKAGE

COS 206

Chemical Hair Waving

2019/2020

Fall/Spring

# INSTRUCTIONAL PACKAGE

## Part I: Course Information

Effective Term: 201910/201920

COURSE PREFIX: COS 206

COURSE TITLE: Chemical Hair Waving

CONTACT HOURS: 1 Lecture 6 Lab

CREDIT HOURS: 3

### **RATIONALE FOR THE COURSE:**

The purpose of chemical waving of Cosmetology is to introduce the student in conducting a texture service in accordance with a client's needs or expectations, consulting with clients to determine their needs and preferences, using a variety of salon products while providing client services and conducting services in a safe environment, taking measures to prevent the spread of infectious and contagious disease. While given skills for participating in lifelong learning to stay current with trends, technology, and techniques pertaining to the cosmetology industry.

### **COURSE DESCRIPTION:**

This course is a study of methods of permanently waving the hair, including product, chemistry, and safety.

### **PREREQUISITES/CO-REQUISITES:**

( ACT Math 15 or ACCUPLACER Arithmetic 024 or New ACCUPLACER Arithmetic 220 or New ACCUPLACER Adv Algebra 200 or COMPANION Arithmetic 024 or Multiple Measures Math 1 or Credit level MAT 032 Minimum Grade of C\* or Credit level MAT 155 Minimum Grade of C or Credit level MAT 155 Minimum Grade of TC or Credit level MAT 101 Minimum Grade of C or Credit level MAT 101 Minimum Grade of TC or SAT Mathematics 400 or New SAT Mathematics 350) and ( ACT Reading 14 or ACCUPLACER Reading Comp 056 or New ACCUPLACER Reading Comp 235 or COMPANION Reading 056 or Multiple Measures English 1 or Credit level ENG 155 Minimum Grade of C or Credit level ENG 032 Minimum Grade of C\* or Credit level ENG 155 Minimum Grade of TC or Credit level ENG 100 Minimum Grade of C\* or Credit level ENG 101 Minimum Grade of C or Credit level ENG 101 Minimum Grade of TC or SAT Critical Reading 380) and ( Background Check Form 1) and (Credit level COS 114 Minimum Grade of C or Credit level COS 114 Minimum Grade of TC) and (Credit level COS 116 Minimum Grade of C or Credit level COS 116 Minimum Grade of TC) and (Credit level COS 155 Minimum Grade of C or Credit level COS 155 Minimum Grade of TC) and (Credit level COS 210 Minimum Grade of C or Credit level COS 210 Minimum Grade of TC)

### **REQUIRED MATERIALS:**

Please visit the Bookstore online site for most current textbook information. Use the direct link below to find textbooks.

[BOOKSTORE](#).

Enter the semester, course prefix, number and section when prompted and you will be linked to the correct textbook.

### **ADDITIONAL REQUIREMENTS:**

Student will have State Board Fees for Written and Practical Exams.

Manikin for State Board Procedures

New Uniforms, if old uniforms are soiled.

Cosmetology Kit Cosmetology.

### **TECHNICAL REQUIREMENTS:**

Access to Desire2Learn (D2L), HGTC's student portal for course materials.

WaveNet and D2L email access.

### **STUDENT IDENTIFICATION VERIFICATION**

Students enrolled in online courses will be required to participate in a minimum of one (1) proctored assignment and/or one (1) virtual event to support student identification verification. Please refer to your Instructor Information Sheet for information regarding this requirement.

### **CLASSROOM ETIQUETTE:**

As a matter of courtesy to other students and your professor, please turn off cell phones and other communication/entertainment devices before class begins. If you are monitoring for an emergency, please notify your professor prior to class and switch cell phone ringers to vibrate.

## **Part II: Student Learning Outcomes**

### **COURSE LEARNING OUTCOMES and ASSESSMENTS\*:**

1. Explain the four chemical reactions that take place during permanent waving.
2. Explain the difference between an alkaline wave and a true acid wave.
3. Explain the purpose of neutralization in permanent waving.
4. Demonstrate safe and effective perm techniques.
5. Describe how Thio relaxers straighten the hair.
6. Describe how hydrogen relaxers straighten the hair.
7. Demonstrate safe and effective hydrogen relaxing techniques.
8. Describe curl reforming and how it restructures the hair.

	Topic to be Reviewed	Assignments/Reading
Week 1	Syllabus and Course review Unit One Introduction to chemical hair services Video: Why study Chemical texture services? Video: An introduction to how chemicals work	Read pages: 589-601 MindTap: Do it: pre-assessment quiz Do it: Matching activity Do it: Multiple choice quiz

	Topic to be Reviewed	Assignments/Reading
	<p>Video: The structure of hair Understand how chemical services affect the structure of hair.</p> <ul style="list-style-type: none"> <li>• Cuticle</li> <li>• Cortex</li> <li>• Medulla</li> </ul> <p>Importance of pH in texture services Building blocks of hair</p> <ul style="list-style-type: none"> <li>• Amino acids</li> <li>• Peptide bonds</li> <li>• Polypeptide bonds</li> <li>• Keratin proteins</li> <li>• Side bonds</li> </ul>	
Week 2	<p>Unit Two Video: The chemistry of permanent waving Demonstrate the proper technique for permanent waving</p> <ul style="list-style-type: none"> <li>• Physical changes</li> <li>• Chemical changes</li> </ul> <p>The chemistry of permanent waving</p> <ul style="list-style-type: none"> <li>• Reduction reaction</li> <li>• Thioglycolic acid</li> <li>• Ammonium thioglycolate</li> </ul> <p>Types of permanent waves Alkaline</p> <ul style="list-style-type: none"> <li>• Acid</li> <li>• True acid</li> <li>• Acid balanced</li> <li>• Exothermic</li> <li>• Endothermic</li> <li>• Ammonia free</li> <li>• Thio free</li> <li>• Low- pH</li> </ul>	<p>Read pages: 601-605 Research different brands of perms and what type of hair each is used for.</p>
Week 3	<p>Unit Three Video: perm wrapping techniques Selecting the right type of perm</p> <ul style="list-style-type: none"> <li>• Overprocessed</li> <li>• Underprocessed</li> </ul> <p>Permanent wave procedures</p> <ul style="list-style-type: none"> <li>• Test curl</li> </ul> <p>Rod selection</p> <ul style="list-style-type: none"> <li>• Concave</li> <li>• Straight</li> </ul>	<p>MindTap: Do it: Multiple choice quiz Do it: Fill in the blank Read pages: 605-611 Test on Unit One and Two</p>

	Topic to be Reviewed	Assignments/Reading
	<ul style="list-style-type: none"> <li>• Soft bender rods</li> <li>• Loop rods</li> </ul> End papers <ul style="list-style-type: none"> <li>• Double flat</li> <li>• Single flat</li> <li>• Book end</li> </ul>	
Week 4	Unit Four Sectioning for a perm <ul style="list-style-type: none"> <li>• Base placement</li> <li>• Base direction</li> </ul> Wrapping techniques Wrapping patterns	Read pages 611-617 Students will demonstrate the different techniques Project sheet completed MindTap: Do it: Media quiz
Week 5	Unit Four Continued Continuation of perming techniques	Students will complete assigned chemical waving projects
Week 6	Unit Four Continued Continuation of perming techniques	Students will complete assigned chemical waving projects State Board procedures for Chemical waving
Week 7	Unit Five Demonstrate the proper techniques for chemical hair relaxers Thio Relaxers	Read pages: 617-624 Instructor demonstration Student assigned projects Test on Units Three and four
Week 8	Unit Six Thermal straighteners Hydrogen relaxers <ul style="list-style-type: none"> <li>• Metallic</li> <li>• Lye- based</li> <li>• No-lye relaxers</li> <li>• Low pH relaxers</li> <li>• Base and No-base relaxers</li> </ul>	Application and relaxer procedures
Week 9	Unit seven Relaxers strengths Strand testing Neutralization Virgin relaxer application Relaxer retouch application	Application and relaxer procedures

	Topic to be Reviewed	Assignments/Reading
Week 10	Unit eight Safely precautions for chemical services Keratin based straightening treatments Soft Curl	Read pages: 625-628 Assigned MindTap activities Do it: Comprehensive exam
Week 11	Unit Nine Demonstration of Techniques State Board procedures for chemical services	Project sheet Chemical services Test on Units Five, Six, Seven, and Eight State Board procedures for Chemical services
Week 12	Unit Nine Continued Demonstration of Techniques	MindTap assignments Project sheet Chemical services
Week 13	Unit Nine Continued Demonstration of Techniques	Project sheet Chemical services Test on all Units
Week 14 -15	Unit Nine Continued Demonstration of Techniques	Project sheet Chemical services Review for final
Exam Week	Exam Written & Practical	A written will be given and a practical on chemical services (State Board Procedures)

***\*Students – please refer to the Instructor’s Course Information sheet for specific information on assessments and due dates.***

## **General Education Outcomes**

### **Part III: Grading and Assessment**

#### **EVALUATION OF REQUIRED COURSE MEASURES/ARTIFACTS\***

Students’ performance will be assessed and the weight associated with the various measures/artifacts are listed below.

#### **EVALUATION\***

Tests 20%

Assignments	20%
Papers/Plans	20%
Class Participation	20%
Final Exam	20%
	<hr/>
	100%

***\*Students, for the specific number and type of evaluations, please refer to the Instructor’s Course Information Sheet.***

### **GRADING SYSTEM:**

State the College’s or departmental grading system as delineated in the Catalog. Please note the College adheres to a 10 point grading scale A = 100 – 90, B = 89- 80, C = 79 – 70, D = 69 – 60, F = 59 and below. You must have your Dean’s approval if changes in the scale are made.

Grades earned in courses impact academic progression and financial aid status. Before withdrawing from a course, be sure to talk with your instructor and financial aid counselor about the implications of that course of action. Ds, Fs, Ws, WFs and Is also negatively impact academic progression and financial aid status.

The Add/Drop Period is the first 5 days of the semester for **full term** classes. Add/Drop periods are shorter for accelerated format courses. Please refer to the academic calendar for deadlines for add/drop ([ACADEMIC CALENDAR](#)). You must attend at least one meeting of all of your classes during that period. If you do not, you will be dropped from the course(s) and your Financial Aid will be reduced accordingly.

### **Part IV: Attendance**

Horry-Georgetown Technical College maintains a general attendance policy requiring students to be present for a minimum of 80 percent (80%) of their classes in order to receive credit for any course. Due to the varied nature of courses taught at the college, some faculty may require up to 90 percent (90%) attendance. Pursuant to 34 Code of Federal Regulations 228.22 - Return to Title IV Funds, once a student has missed over 20% of the course or has missed two (2) consecutive weeks, the faculty is obligated to withdraw the student and a student may not be permitted to reenroll. **Instructors define absentee limits for their class at the beginning of each term; please refer to the Instructor Course Information Sheet.**

**For online and hybrid courses**, check your Instructor’s Course Information Sheet for any required on-site meeting times. Please note, instructors may require tests to be taken at approved testing sites, if you use a testing center other than those provided by HGTC, the center may charge a fee for its services.

## Part V: Student Resources



### The Student Success and Tutoring Center (SSTC)

The SSTC offers to all students the following **free** resources:

1. **Academic coaches** for most subject areas, **Writing Center Support**, and **college success skills**.
2. **On-line student success and academic support resources**.

Visit the SSTC website: [Student Success & Tutoring Center](#) and visit the student services tab in your WaveNet account to schedule appointments using TutorTrac. For more information, call: SSTC Conway, 349-7872; SSTC Grand Strand, 477-2113; and SSTC Georgetown, 520-1455 or go to the [Online Resource Center](#) to access on-demand resources any time.



### Student Information Center: WaveNet Central (WNC)

WNC offers to all students the following **free** resources:

1. **Getting around HGTC**: General information and guidance for enrollment!
2. Use the [Online Resource Center \(ORC\)](#) for COMPASS support, technology education, and online tools.
3. **Drop-in technology support or scheduled training** in the Center or in class.
4. **In-person workshops, online tutorials and more services** are available.

Visit the WNC website: [Wavenet Central](#). Live Chat and Center locations are posted on the website. Or please call one of the following locations: WNC Conway, 349-5182; WNC Grand Strand, 477-2076; and WNC Georgetown, 520-1473.

### Disability Services:

HGTC is committed to providing an accessible environment for students with disabilities. Inquiries may be directed to Beth Havens, Director of Student Development on the Conway Campus Jaime Davis, Counselor/Advisor on the Georgetown Campus or Kristin Griffin, Counselor on the Grand Strand Campus. These individuals will review documentation of the student's disability and, in a confidential setting with the student, develop an educational accommodation plan.

Note: It is the student's responsibility to self-identify as needing accommodations and to provide



acceptable documentation. After a student has self-identified and submitted documentation of a disability, accommodations may be determined, accepted, and provided.

**Statement of Equal Opportunity/Non-Discrimination Statement**

Horry-Georgetown Technical College prohibits discrimination and harassment, including sexual harassment and abuse, on the basis of race, color, sex, national or ethnic origin, age, religion, disability, marital or family status, veteran status, political ideas, sexual orientation, gender identity, or pregnancy, childbirth, or related medical conditions, including, but not limited to, lactation in educational programs and/or activities.

Inquiries regarding the non-discrimination policies: Students and prospective student inquiries concerning Section 504, Title II, and Title IX and their application to the College or any student decision may be directed to the Vice President for Student Affairs, Dr. Melissa Batten, VP Student Affairs, Title IX Coordinator, Building 1100, Room 107A, Conway Campus, PO Box 261966, Conway, SC 29528-6066, 843-349-5228, [Melissa.Batten@hgtc.edu](mailto:Melissa.Batten@hgtc.edu). Employee and applicant inquiries concerning Section 504, Title II, and Title IX and their application to the College may be directed to the Vice President for Human Resources, Jacquelyne Snyder, VP Human Resources, Section 504, Title II, and Title IX Coordinator, Building 200, Room 212A, Conway Campus, PO Box 261966, Conway, SC 29528-6066, 843-349-5212, [Jacquelyne.Snyder@hgtc.edu](mailto:Jacquelyne.Snyder@hgtc.edu).

**Title IX Requirements**

All students (as well as other persons) at Horry-Georgetown Technical College are protected by Title IX—regardless of their sex, sexual orientation, gender identity, part- or full-time status, disability, race, or national origin—in all aspects of educational programs and activities. Any student, or other member of the college community, who believes that he/she is or has been a victim of sexual harassment or sexual violence may file a report with the college’s Chief Student Services Officer, campus law enforcement, or with the college’s Title IX Coordinator, or designee.

\*Faculty and Staff are required to report incidents to the Title IX Coordinators when involving students. The only HGTC employees exempt from mandatory reporting are licensed mental health professionals (only as part of their job description such as counseling services).

<b>Inquiries regarding the non-discrimination policies:</b>	
Student and prospective student inquiries concerning Section 504, Title II, and Title IX and their application to the College or any student decision may be directed to the Vice President for Student Affairs.	Employee and applicant inquiries concerning Section 504, Title II, and Title IX and their application to the College may be directed to the Vice President for Human Resources.

<p><b>Inquiries regarding the non-discrimination policies:</b></p>	
<p><b>Dr. Melissa Batten, VP Student Affairs</b>  <i>Title IX Coordinator</i></p> <p>Building 1100, Room 107A, Conway  Campus  PO Box 261966, Conway, SC 29528-  6066  843-349-5228  <a href="mailto:Melissa.Batten@hgtc.edu">Melissa.Batten@hgtc.edu</a></p>	<p><b>Jacquelyne Snyder, VP Human Resources</b>  <i>Section 504, Title II, and Title IX Coordinator</i></p> <p>Building 200, Room 212A, Conway Campus  PO Box 261966, Conway, SC 29528-  6066  843-349-5212  <a href="mailto:Jacquelyne.Snyder@hgtc.edu">Jacquelyne.Snyder@hgtc.edu</a></p>