Maryland CTE Programs of Study

Cosmetology II (2025)

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INTRODUCTION 2

A **Career and Technical Education (CTE) instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.** 2.A

B **The Healthcare and Human Services Career Cluster encompasses careers for in-home and personal care support and offer esthetics and wellness services such as hairdressing, nail care, skincare, fitness, and massage therapy. Professionals in this field focus on enhancing personal appearance and promoting relaxation and well-being while remaining grounded in a thorough understanding of health and safety practices.** 2.B

C **The Careers in Cosmetology Program is a sequential, multi-level course series designed to prepare students for licensure and successful careers in the cosmetology industry. Spanning foundational to advanced skills, the program integrates classroom instruction, laboratory practice, and work-based learning experiences. Students develop proficiency in hairstyling, chemical treatments, nail care, skincare, and wellness services while adhering to strict health and safety protocols. Emphasis is placed on professionalism, customer service, and career readiness, including entrepreneurship and salon management. By the completion of Cosmetology IV, students will have gained the technical expertise, industry knowledge, and licensure preparation needed to excel in the dynamic field of cosmetology.** 2.C

D **Cosmetology II emphasizes client consultations, understanding facial shapes, and customizing services. Students explore business practices such as service pricing and salon operations, preparing them for the Hairstylist certification in future courses. Work-based learning opportunities allow students to apply classroom knowledge in real-world settings.** 2.D

E **Students will participate in at least two Career-Connected Education and Work-Based Learning experiences in this course, which might include informational nterviews or job shadowing relevant to the program of study.** 2.E

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F **Students are encouraged to participate in extended learning experiences through aligned Career and Technical Student Organizations (CTSOs). CTSOs are a cocurricular requirement in the Carl D. Perkins Act, and alignment to CTSO activities is an expectation for CTE programs in the state of Maryland.** 2.F

KNOWLEDGE AND SKILLS 3

A **The student refines employability and service-orientation skills within supervised salon simulations. The student is expected to:** 3.A

1. Model professional salon behaviors (dress code, hygiene, client communication) in role-play scenarios. 3.A.1
2. Collaborate effectively in paired or small-group service projects. 3.A.2
3. Apply structured problem-solving when resolving simulated client concerns. 3.A.3
4. Mentor Level I peers on foundational salon protocols. 3.A.4

B **The student updates career plans to include industry credentials and practicum goals. The student is expected to:** 3.B

1. Research and compare state licensing requirements and entry-level job descriptions. 3.B.1
2. Map a pathway of instruction hours and checkpoints needed before chemical-service authorization. 3.B.2
3. Develop a networking log of industry contacts (guest speakers, salon partners). 3.B.3

C **The student applies software and digital tools to salon operations. The student is expected to:** 3.C

1. Use salon-management software to schedule mock chemical-service appointments. 3.C.1
2. Retrieve and interpret Safety Data Sheets (SDS) for all service chemicals. 3.C.2
3. Publish supervised social-media posts highlighting service outcomes (with privacy compliance). 3.C.3

D **The student integrates math and chemistry into service delivery. The student is expected to:** 3.D

1. Calculate precise product dilutions and mixture ratios using percentages and proportions. 3.D.1
2. Explain pH principles as they relate to hair structure and product selection. 3.D.2
3. Apply anatomy of hair and scalp to select appropriate chemical treatments. 3.D.3

E **The student performs advanced safety protocols for chemical services. The student is expected to:** 3.E

1. Conduct patch tests and strand tests, document results, and adjust formulas accordingly. 3.E.1

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2 Follow manufacturer and OSHA/EPA guidelines for mixing, storing, and disposing of chemicals. 3.E.2

3 Demonstrate emergency response procedures for chemical exposure incidents. 3.E.3

F The student masters specialized implements used in chemical services. The student is expected to: 3.F

1 Accurately measure and mix chemical solutions in graduated vessels. 3.F.1

2 Safely operate heat processors, hood dryers, and specialized applicators. 3.F.2

3 Maintain calibrated dispensing equipment according to industry standards. 3.F.3

G The student expands hairstyling repertoire in client simulations. The student is expected to: 3.G

1 Perform layered haircutting and clipper-over-comb techniques. 3.G.1

2 Create braids, twists, and updo styles suited to wet and dry hair. 3.G.2

3 Integrate thermal styling with chemical-service preparation. 3.G.3

H The student begins supervised application of chemical treatments. The student is expected to: 3.H

1 Apply temporary and semi-permanent hair color under instructor supervision. 3.H.1

2 Perform basic permanent waving or relaxing services following strand-test guidance. 3.H.2

3 Adhere strictly to timing, safety, and post-treatment care protocols. 3.H.3

I The student applies business principles in simulated salon environments. The student is expected to: 3.I

1 Develop service menus and pricing models that factor in product cost and time. 3.I.1

2 Execute complete client consultations and service records. 3.I.2

3 Analyze simulated client-flow data to optimize scheduling. 3.I.3

J The student performs basic nail services under supervision. The student is expected to: 3.J

1 Prepare manicure/pedicure workstations and client hands/feet in compliance with infection-control procedures. 3.J.1

2 Demonstrate shaping, buffing, and polishing techniques, and proper clean-up. 3.J.2

K The student conducts basic facials in a simulated environment. The student is expected to: 3.K

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1 Set up and drape for a basic facial; perform cleansing, steaming, and mask application using towel steam. 3.K.1

2 Adhere to infection-control and safety precautions throughout service and station clean-up. 3.K.2

L The student demonstrates theory only. The student is expected to: 3.L

1 Identify makeup procedures and eyelash-extension fundamentals. 3.L.1

2 Explain waxing and tweezing techniques, including temperature and safety precautions. 3.L.2

M The student demonstrates proper end-of-day workstation cleanup and reset procedures in compliance with PSI practical-test guidelines. The student is expected to: 3.M

1 Collect, segregate, and dispose of single-use and multi-use items into designated containers. 3.M.1

2 Disinfect all tools, implements, surfaces, and equipment per manufacturer and OSHA/EPA protocols. 3.M.2

3 Restore workstation to “ready” condition, including restocking supplies and checking equipment functionality. 3.M.3