Executive Summary

- Write this last, after the body of the document has been written.
- Provide a brief history of the program to establish context for the current review. Consider the document's analysis and conclusions. Thoughtfully summarize and highlight the important changes, trends, achievements, and needs of your program area.

Part 1: Program Overview

Program Definition

College Mission

The mission of Cerro Coso Community College is to improve the life of every student it serves. Through traditional and distance delivery, Cerro Coso Community College brings transfer preparation, workforce education, remedial instruction, and learning opportunities that develop ethical and effective citizenry to the rural communities and unincorporated areas of the Eastern Sierra. In doing so, we promise clarity of educational pathways, comprehensive and equitable support services, and a commitment to equity.

Program Mission

- State the program mission in full.
- Questions for Analysis:
  - How does the program mission relate to the college mission? What specific parts of the college mission are addressed by the program mission?
  - How does the department ensure its program is high quality and appropriate to an institution of higher learning?

Program Catalog Description

- Copy and paste the current program description from the catalog or eLumen.
- Provide the list of courses from the catalog or eLumen.
- Questions for Analysis:
  - Is the program clearly described? Does the catalog description convey the program's objectives?
  - Does the description accurately state what students may expect as an outcome? Are assertions of career and/or transfer applicability reasonable and capable of being documented?
  - Suggest how the objectives of the program differ from the objectives of other programs.
  - Does the catalog description avoid exaggerated or unsustainable statements?

Program Pathway

Conditions of Enrollment

- Describe the conditions for enrollment for the program and/or for individual courses. Refer to eLumen for this information.
- Questions for Analysis:

Part 1: Program Overview

1.1 Program Definition

1.1.1 College Mission

The mission of Cerro Coso Community College is to improve the life of every student it serves. Through traditional and distance delivery, Cerro Coso Community College brings transfer preparation, workforce education, remedial instruction, and learning opportunities that develop ethical and effective citizenry to the rural communities and unincorporated areas of the Eastern Sierra. In doing so, we promise clarity of educational pathways, comprehensive and equitable support services, and a commitment to equity.

1.1.2 Program Mission

The program mission is to prepare students to enter the Information Technology (IT) or the Cyber Security workforce. The program mission is in alignment with the college mission to prepare students to enter the workforce. The department meets twice a year with employers on the Advisory Committees both in the IWV and ESCC. The advisory committees consist of a broad base of employers both in aerospace, military, and higher education representatives. The committee members review curriculum and program data and documentation and provide input on students once they have been placed. The department also regularly reviews the student learning outcomes at the course and program level to maintain the quality of our program. A new Cyber Security Laboratory is scheduled to open in the Fall 2022 term which will provide students access to hands-on experiences which will impact their starting wages in the field as well as their ability to successfully pass the industry certification exams. As mentioned, students in the IT/Cyber areas sit for industry certification exams that are aligned with our courses. Students frequently report back to faculty about their success on these industry certification exams and comment on how the courses have or have not assisted them in preparing for these exams that they are required to have for employment.

1.1.3 Program Catalog Description

INFORMATION TECHNOLOGY PLUS Certificate of Achievement

INFORMATION TECHNOLOGY PLUS CERTIFICATE OF ACHIEVEMENT is designed for students pursuing professional employment in information technology for business. This certificate program provides students with skills to enter the job market as help desk providers, computer support specialists, computer repair technicians, networking technicians, information assurance technicians, and cyber security technicians. Designed for both full and part-time students, this program is appropriate to both those currently employed and those seeking to enter this field. Complete each course to be applied toward the certificate with a "C" or better.

       CC Information Technology Plus Certificate of Achievement
       Complete all of the following
       Complete the Required Courses
       Complete the following number of credits:
       ITC101 - Introduction to Computer Information Systems (3 units)
       ITC142 – Information & Communication Technology Essentials (4 units)
       ITC143 – Computer Network Fundamentals (3 units)
       ITC146 - Introduction to Information Systems Security (3 units)

Part 1: Program Overview

1.1 Program Definition

1.1.1 College Mission

The mission of Cerro Coso Community College is to improve the life of every student it serves. Through traditional and distance delivery, Cerro Coso Community College brings transfer preparation, workforce education, remedial instruction, and learning opportunities that develop ethical and effective citizenry to the rural communities and unincorporated areas of the Eastern Sierra. In doing so, we promise clarity of educational pathways, comprehensive and equitable support services, and a commitment to equity.

1.1.2 Program Mission

The mission of the Web Professional Associate of Science and Certificate of Achievement is to equip students for a variety of positions of employment and self-employment in which web development, web design, and/or digital media production is a primary function. The mission of Web Fundamentals Certificate of Achievement is similar, except that it provides entry levels skills and is a milestone of completion toward the Web Professional awards.

The mission of the Digital Media and Marketing Certificate of Achievement is to equip individuals with digital media production and electronic marketing skills whose positions of employment or self-employment is not primarily that of web development or design. This certificate is intended to provide individuals across diverse industries with basic skills in multimedia communications, which are essential in the digital age. Audiences of such communications include stakeholders, clients, customers, patients, students, industry partners, vendors, government agencies, and more.

The program mission aligns with the college mission primarily in the area of workforce education. The program also supports the college mission of ethics and citizenship by educating students of the importance of providing digital content in an accessible form for persons with disabilities.

1.1.3 Program Catalog Description

Students have several award options for skill attainment:

- Web Professional Associate of Science Degree (60 units)
- Web Professional Certificate of Achievement (28 units)
- Web Fundamentals Certificate of Achievement (19 units)
- Digital Media and Marketing Certificate of Achievement (12 units)

The Web Professional awards are identical except that the Associate Degree adds Cerro Coso's local general education requirements. As mentioned above, the Web Fundamentals certificate is intended to provide entry-level marketable skills and/or a milestone of completion toward the Web Professional certificate or degree. And the Digital Media and Marketing certificate is intended to provide basic multimedia and electronic commerce proficiency for diverse professions.

Web Professional Associate of Science (60 units)

The Web Professional Associate of Science Degree is designed to prepare students for employment or self-employment as web designers or developers, emphasizing standards-based coding, usability, accessibility, and creative problem solving. Adding to this foundation, students choose one of two options: design or development. With the former, students acquire multimedia design skills, and with the latter they acquire web programming skills. Students obtain skills in Adobe applications, as well as open-