CSAD 662L: IMPLANTABLE DEVICES AND TECHNOLOGY LAB

In Workflow

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Approval Path

1. 2026-08-18T17:45:17Z
   Heather Thompson (heather.thompson): Approved for CSAD Committee Chair
2. 2026-08-18T17:45:35Z
   Heather Thompson (heather.thompson): Approved for CSAD Chair
3. 2026-09-16T00:26:28Z
   Scott Thompson (irwin.thompson): Approved for HHS College Committee Chair
4. 2026-10-13T01:25:26Z
   Aishah Patterson (patterson): Approved for HHS Dean

New Course Proposal

Date Submitted: 2026-08-18T17:45:05Z

Viewing: CSAD 662L : Implantable Devices and Technology Lab

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Changes proposed by: Heather Thompson (215502704)

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
Heather Thompson	heather.thompson@csus.edu	916-278-6654

Catalog Title:
Implantable Devices and Technology Lab

Class Schedule Title:
Imp Dev & Tech Lab

Academic Group: (College)
HHS - Health & Human Services

Academic Organization: (Department)
Communication Sciences and Disorders

Will this course be offered through the College of Continuing Education (CCE)?
No

Catalog Year Effective:
Fall 2027 (2027/2028 Catalog)

Subject Area: (prefix)
CSAD - Communication Sciences and Disorders

Catalog Number: (course number)
662L

Course ID: (For administrative use only.)
TBD

Units:
1

Is the ONLY purpose of this change to update the term typically offered or the enforcement of existing requisites at registration?
No

In what term(s) will this course typically be offered?
Summer Only

Does this course require a room for its final exam?
No, final exam does not require a room

Does this course replace an existing experimental course?
No

This course complies with the credit hour policy:
Yes

Justification for course proposal:
The proposed one-unit CSAD 662L course will serve as a companion to the existing lecture course. It will provide dedicated and supervised instruction in the applied skills associated with implantable hearing technologies, which is in alignment with the updated 2027 CAA standards which require knowledge and skills expanded to hearing aid technologies and prosthetic devices. In the future, it will be expected that students can work with AI-ignited implantable devices and technology, and dedicated lab time to develop hands-on practical skills in this technology will allow our program to maintain currency in the field.

This course has been offered for several years and we are requesting that it have an official place in the curriculum. In the current course structure, a substantial portion of lecture time is necessarily devoted to practical activities, primarily with representatives for the various device manufacturers. Separating these activities will allow the lecture to maintain appropriate depth and coverage while giving students time for demonstration of practical competencies.

Moreover, our accreditation expectations for contemporary audiology practice require programs to provide opportunities to gain knowledge and skills for independent professional practice. This proposed change will better align the instructional modality with each course's learning objectives and support achievement of our accreditation knowledge and skill competencies.

Course Description: (Not to exceed 90 words and language should conform to catalog copy.)
Laboratory component of CSAD 662: Implantable Devices and Technology. Hands-on experience with concepts presented in CSAD 662.

Are one or more field trips required with this course?
No

Fee Course?
No

Is this course designated as Service Learning?
No

Is this course designated as Curricular Community Engaged Learning?
No

Does this course require safety training?
No

Does this course require personal protective equipment (PPE)?
No

Does this course have prerequisites?
Yes

Prerequisite:

Admission to doctorate program in audiology; CSAD 611, 612, 613, 614, 621, 622, 622L, 623, 624, 631, 632, 641, 641L, 642, 643, 651, 652, 653

Prerequisites Enforced at Registration?

No

Does this course have corequisites?

Yes

Corequisite:

CSAD 662

Corequisites Enforced at Registration?

No

Graded:

Letter

Approval required for enrollment?

Department Approval

Course Component(s) and Classification(s):

Laboratory

Laboratory Classification

CS#06 - Seminar/Clinical Process (K-factor=1 WTU per unit)

Laboratory Units

1

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

No

Can the course be taken for credit more than once during the same term?

No

Description of the Expected Learning Outcomes and Assessment Strategies:

List the Expected Learning Outcomes and their accompanying Assessment Strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers). Click the plus sign to add a new row.

	Expected Learning Outcome	Assessment Strategies
1	Conduct fitting and clean and check procedures for various implantable devices ensuring proper functionality of all components.	Implantable device components
2	Perform pre-and post-implantation assessments for bone-conduction and cochlear implant candidates.	Candidacy evaluations
3	Program implantable devices using manufacturer-specific software.	Device programming
4	Practice patient-centered counseling skills regarding the implantation process, expectations, outcomes and rehabilitation strategies.	Counseling role-play
5	Determine fitting practices and patient needs/considerations based on case studies and patient scenarios.	Device programming

6	Analyze post-implantation outcomes by reviewing auditory performance data and patient reported-outcomes to make informed programming adjustments and optimize device performance.	Class participation
7	Report procedures and results for clinical record-keeping.	Documentation and record keeping
8	Apply intraoperative monitoring techniques and interdisciplinary collaboration to various case study scenarios.	Interdisciplinary Case Conference

Attach a list of the required/recommended course readings and activities:
Lab Assignments.pdf

For whom is this course being developed?
Majors in the Dept

Is this course required in a degree program (major, minor, graduate degree, certificate?)
Yes

Has a corresponding Program Change been submitted to Workflow?
No

Identify the program(s) in which this course is required:

Programs:
Doctor of Audiology

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?
No

Will there be any departments affected by this proposed course?
No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.
I/we agree

University Learning Goals

Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?
Yes

For the Council for the Preparation of School Personnel (to be filled out with assistance of your department chair):

Does this course change impact your department's currently written Program Standards Document?
No

Common Standards: In what way does this course or program change impact the currently written Common Standards document? Please include any suggested language changes:
It is not part of a program that is regulated by the CPSP.

Is this change in response to program or unit assessment activities?
No

Will this course introduce any new or changes to program assessments?
No

Is this a Graduate Writing Intensive (GWI) course?
No

Please attach any additional files not requested above:
CSAD 662L Syllabus.pdf

Key: 15586