College of the Redwoods  
Technology Plan  
2015-2020

**Opening**

Executive summary – discuss why this plan is important. Include history of where we have been and where we want to be (big picture).

Organization profile – discuss the demographics of CR to provide the scope/reach of who is being served by this plan, and the region the technology covers. And the tech staff supporting the plan.

Planning process description – discuss the stakeholders and venue for which the plan was developed.

Data – Changes in bandwidth, number of access points, survey data

**Goals & Objective**

Goal 1: Align technology to support CCC online initiatives (OEI, Assessment/Multiple Measures, Student Planning)

Objectives

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
| 1.1 Go live with a Student Planning Module that is effective for Counseling & Advising and MIS reporting | P | P/I | I |  |  |
| 1.2 Implement CCC Common Assessment Tool |  | P | P/I |  |  |

P=Planning, I=Implement

Alignment with existing planning goals:

E.P Goal 4  
S.P. Goal 4.1

Goal 2: Centralize the authentication and location of online student systems.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
| 2.1 Implement a Portal (hub to access registration, finance, planning, LMS, etc.) |  | P | P/I | I |  |
| 2.2 Implement Shibboleth for Canvas authentication |  | P | I |  |  |
| 2.3 Develop single sign on for students accessing student services (e.g., Email, Canvas) |  | P | I |  |  |
| 2.4 Update SARS for web integration |  | P | P | P/I | I |

P=Planning, I=Implement

Alignment with existing planning goals:  
E.P. Goal 1.2  
S.P. Goal 1.4

Goal 3: Continue to improve the infrastructure for, and availability of wireless and cellular networks.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
| 3.1 Develop policies to promote availability of wireless for academic use |  | P | P/I | I |  |
| 3.2 Improve bandwidth availability | I | I | I | I | I |
| 3.3 Deploy additional access points to increase coverage by 10 percent a year | I | I | I | I | I |
| 3.4 Enhance cellular network infrastructure campus-wide |  | P | P | P/I | I |

P=Planning, I=Implement

Alignment with existing planning goals:

S.P. Goal 4.1

Goal 4: Further improve the server and network infrastructure

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
| 1.1 Build a data center architecture to support traffic and storage space for all CR systems. | P/I | I |  |  |  |
| 1.2 Build in internal redundancies for all network traffic. | P | P | P/I | P/I | I |
| 1.3 Centralize all server farms. | P/I | P/I | P/I | P/I | I |

P=Planning, I=Implement

Alignment with existing planning goals:

S.P. Goal

Goal 5: Advance instructional technology

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
| 1.1 Support identified lecture capture software and hardware | P | P | P/I | I |  |
| 1.2 Support instructional media storage needs | P | P | P/I | I | I |
| 1.3 Expand the capacity of the Telepresence system | P/I | P/I | I |  |  |

P=Planning, I=Implement

Alignment with existing planning goals:

S.P. Goal

Goal 6: Implement new technology replacement plan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
| 6.1 Develop system for identifying computers and technology to replace | P | P/I | I |  |  |
| 6.2 Determine cost and budget to replace them |  |  | P | P/I | I |
| 6.3 Create replacement plan according to available budget |  |  | P | P/I | I |

P=Planning, I=Implement

Alignment with existing planning goals:

S.P. Goal

Goal 7: Datatel Server Migration

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
| 1.1 Migrate to Windows Server | P/I | I |  |  |  |
| 1.2 Migrate data type from Unidata to SQL | P/I | I |  |  |  |
| 1.3 Rebuild all calculated fields & queries | P/I | I |  |  |  |

P=Planning, I=Implement

Alignment with existing planning goals:

S.P. Goal

Evaluation the Plan – Assessment Cycle

Goal 8: Continuously make changes based on evaluation of student, faculty, and staff needs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
| 1.1 Survey students, faculty and staff | I | I | I | I | I |
| 1.2 Review feedback | I | I | I | I | I |
| 1.3 Implement changes based on feedback | I | I | I | I | I |

P=Planning, I=Implement