

**Digital Business Processes for Higher Education** 

## Safe harbor statement

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# **What is Oracle Modern Best Practice?**

www.oracle.com/modernbestpractice



Digital business processes that evolve with you



End-to-end across the organization



Radically superior results



Leverages emerging technologies



# **Oracle Modern Best Practice books**



The original book on Oracle Modern Best Practice is now in it's 3<sup>rd</sup> edition is available at https://go.oracle.com/LP=88653



A new book with our vision for processes in the future is available at https://go.oracle.com/LP=88688



Designed for change – evolves with you

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## Open, Standard, Free

Finance • Budget to Approval • Asset Acquisition to Retirement • Bank Transaction to Cash Position • Expense Report to Reimbursement • Supplier Invoice to Payment • Customer Invoice to Receipt • Customer Statement to Collection • Daily Close to Financial Forecast • Period Close to Financial Reports • Customer Contract to Revenue

**Procurement •** Supplier Registration to Supplier Performance • Insight to Smart Sourcing • Contract Creation to Spend Compliance • Requisition to Receipt • Supplier Return to Settlement

Project Management • Opportunity to Project Approval • Resource Analysis to Utilization • Project Methodology to Delivery • Task Detail to Plan Adjustment• Project Costs to Accounting • Billing to Revenue Recognition • Grant Award Funding to Closeout • Capital Project to Asset

Risk Management • Security Design to Separation of Duties • Business Process Risk to Continuous Assurance • Audit Scoping to Financial Reporting Compliance • Risk Identification to Organization Readiness

Marketing • Analytics to Insight • Insight to Campaign ROI • Campaign Execute to Lead • Event Execute to Lead • Disparate Sources to Unified Data • List Import to Prospect

Sales • Social Prospect to Lead • Lead to Opportunity • Opportunity to Quote • Quote to Order • Order to Close Opportunity • Opportunity to Forecast • Sales Play to Key Account Opportunity • Schedule Change to Sales Call • Vendor Lead to Channel Opportunity • Channel Lead to Vendor Opportunity

**Sales Performance Management •** Sales Strategy to Execution • Coaching Plan to Performance • Incentive Plan to Payment

Service • Customer Contract to Resolution • Social Listing to Resolution • Service Request to Dispatch • Knowledge Gap to Solution • Sensor Alert to Preventive Maintenance • Customer Sentiment to Preventive Maintenance

**Commerce** • B2C: Multi-Channel to Omni-channel Experience • B2C: Awareness to Interaction • B2C: Interest to Purchase • B2B: Multi-Channel to Omni-channel Experience • B2B: Product Search to Cart • B2B: Cart to Agreement

**Logistics** • Shipment to Dispatch • Inbound Shipment to Receipt • Freight Invoice to Approval • Lane Forecast to Carrier Contract

Order Management • Multi-channel Order to Promise • Fulfillment Orchestration to Invoice • Order to Drop Shipment

**Manufacturing •** Forecast to Plan • Production Order to Cost Update • Contract Manufacturing Request to Delivery

Innovation • Social Monitoring to Idea Capture
• Idea Capture to Business Case • Requirement
Definition to Optimization • Concept Formation to
Design • Product Proposal to Go-to-Market
Candidate • Portfolio Review to Selection

HR & Talent • Recruit to Onboard • Benefits to
Payroll • Time Collection to Payroll • Payroll to
Payment • Goal Setting to Performance Improvement
• Career Planning to Development • Talent Review to
Succession • Absence Planning to Productivity
Improvement • Incident Report to Workplace Safety •
Employee Insight to Workforce Wellness • Employee
Separation to Workforce Analysis

Industry: Retail • Public Entity • Higher Education • Insurance • Banking • Healthcare • Utilities

# **Modern Best Practice for Higher Education**



#### Finance

- Asset Acquisition to Retirement
- Budget to Approval
- Expense Report to Reimbursement
- Supplier Invoice to Payment
- Bank Transaction to Cash Position
- Daily Close to Financial Forecast
- Period Close to Financial Report



### **Procurement**

- Insight to Smart Sourcing
- Requisition to Receipt
- Supplier Return To Settlement



# Student Affairs and Admissions

- Digital Student to Lead
- Digital Student Lead to Applicant
- Digital Student Relate to Retain



## Project Management

- Initiation to Sponsored Project Plan
- Sponsored Project Execution to Control
- Sponsored Project
   Expenditure to Cost Control
- Sponsored Project Contract to Revenue
- Grant Award Funding to Closeout
- Analysis to Sponsored Project Optimization



- Recruit to Onboard
- Benefits to Payroll
- Payroll to Payment
- Time Collection to Payroll
- Goal Setting to Performance
- Career Planning to Development
- Talent Review to Succession
- Absence Planning to Continuity
- Employee Insight to Work-Life Alignment
- Employee Separation to Workforce Analysis



# ORACLE

# Modern Best Practice for Higher Education- Finance

# **Asset Acquisition to Retirement** Higher Education

**Acquire assets** 

Record asset acquisitions at all locations via purchases, projects, grants, and contracts throughout the institutions. Secure interaction via social network on open issues, questions, and approvals



Automated recognition of assets on purchase. Dashboard driven placement into service, useful life definition, and tax valuation Assign amortization

Automatically calculate depreciation and rules based on assignment to cost center etc. using GASB accounting standards. Automatically track depreciation tax breaks and deferrals

De-recognition and disposal

Manage valuations, disposals, de-recognition, and retirements in compliance with legal / grant requirements while maintaining accounting and tax position alignment

Manage asset insights

Active management of fixed assets via secure role-based dashboard allowing centralized monitoring, alerts, reassignment, and period close for all locations







Cloud

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Product Mix: ERP Popular KPIs: asset aging, asset cost distribution, % fixed asset less

# **Budget to Approval**

**Higher Education** 

#### **Define strategic** plan

Link strategic goals to student outcome initiatives, key performance indicators, and set targets



## Allocate financial targets

Allocate financial targets across institution (e.g., college wide network)



#### **Create operating** plan

Allocate financial targets across institution (e.g., college wide network)



#### **Monitor and** consolidate

Monitor budget participant progress and approval status



Approve budget
Approve and
communicate final budget



#### Predictive forecasting and monitoring

Continually analyze actuals, project trends, assess variances, and adjust plans

Product Mix: ERP. EPM Popular KPIs: time to produce/approve/consolidate budget, %









Mobile Analytics Social



# **Bank Transaction to Cash Position**

# **Higher Education**

#### **Review activities**



Review automated aggregation of disbursements, payroll, collections, investments and borrowing and view highlighted differences and variances to plan via secure role-based dashboard



#### **Bank validation**

Daily interfaces with banks featuring automatic comparison of records, automatic adjustment of fees and minor differences. Align daily balances



## Initiate interbank activities

Execute institution wide cash management.
Optimize balances across accounts using zero balance schemes, etc..
Real-time review of bank positions



# Manage end of period positions



Automated month end statement reconciliation. Balance sheet optimization with automatic updates to forecasts and plans

Product Mix: ERP Popular KPIs: time to reconcile, no. of reconciliations









# **Expense Report to Reimbursement**

# **Higher Education**



# Define expense policies

Configure institution expense policies, templates, approval rules, and audit processes. Maintain the terms and conditions to be accepted before expense report submission



# Manage employee travel

Integration with GETTHERE enables direct access to travel booking sites, rules-based reservations, automated itinerary downloads and automated creation of expense reports



# Review / approve travel authorization

Manager (e.g., supervisor, department head, and division head) reviews travel expenses with respect to budget and approves the travel authorization before trip begins via task list



# Process expense reports

Submit faculty / staff expense reports on-the-go with any mobile device. Snap receipts, use voice, leverage calendar events to create expense reports



## Process credit card feeds

Secure and automated availability of credit card transactions for expense reporting enabling timely approval of reports and payments



### Manage cash advances

Self-service submission of and processing of cash advance requests. Actively monitor and follow-up on overdue cash advance balances with automated notifications



## Analyze and audit

Leverage audit policies, lists and selection criteria to automate expense report audit processes in accordance with business policy

Product Mix: ERP Popular KPIs: expense vs. budget, expense as % of revenue, payment cycle

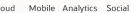
















# **Supplier Invoice to Payment**

## **Higher Education**

#### Manage supplier invoices

Leverage audit policies, lists and selection criteria to automate expense report audit processes in accordance with business policy



#### Manage audits, disputes, and approvals

Manage rules-driven approvals across any device or desktop. Resolve disputes and holds via a role-based dashboard and secure social interaction



#### Manage prepayments and discounts

Manage prepayments across multiple devices and leverage competitive payment terms to optimize discount opportunities



#### **Settle liabilities**

Actively monitor and process supplier and statutory liabilities via secure interaction. Process electronic payments, automated pay runs, or off-cycle payments



#### Review daily activity

Review and analyze the day's financial activity and monthly progress



# Schedule payables

Stay on predetermined close schedule. Review payables register, trial balance, and reconciliation reports. Close payables period

















# **Daily Close to Financial Forecast**

## **Higher Education**

Post subledger activity

Automatically post all approved subledger activities to the general ledger to ensure current account balances



**Identify anomalies** 

Dashboard-driven processing of alerts and notifications on anomalous transactions. Use secure social interaction for further research and review



Convert to institution standard

Automatically revalue, translate, and convert subsidiary balances to institution currency and chart of accounts



Review daily activity

Secure real-time review, analysis, and interaction on the day's financial activities and progress via any device



Set financial forecasts

Modify and securely share forecasts and financial plans in light of the posted activities from the day

Product Mix: ERP, EPM Popular KPIs: time to reconcile, no. of reconciliations









# **Period Close to Financial Reports**

## **Higher Education**

#### Close subledgers

Monitor institution-wide close status. Interact on and finalize outstanding sub-ledger transactions and exceptions



#### Pro-forma close ledgers

Prepare and review preliminary financial statements. Prioritize outstanding transactions based on initial results



#### Reconcile accounts

Reconcile sub-ledgers to general ledger, automatically matching transactions to entries



#### Close ledgers

Route close tasks to task owners automatically. Collaborate to streamline the close for each division / department. Monitor institution-wide close status



#### Consolidate subsidiaries

Transform departments' results to the institution chart of accounts. Revalue non-monetary balances and translate to the institution currency. Eliminate inter-institution activity and minority interest



#### Review and confirm financial and management reports

Review consolidated results Including encumbrance reporting, using the same reports as each department where applicable. Enter final adjustments



#### **Publish and** securely share financial statements

Distribute financial statements to all interested parties, leveraging collaboration to incorporate feedback



#### Update financial forecasts

Modify forecasts and financial plans in light of the results from the justclosed period

Product Mix: ERP, EPM Popular KPIs: time to close books, time to publish reports









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# ORACLE

# Modern Best Practice for Higher Education - Procurement

# **Insight to Smart Sourcing**

**Higher Education** 

Identify opportunity

Focus on high impact opportunities by analyzing spending patterns and supplier performance

**Initiate sourcing** event

> Create policy-compliant (e.g., city, county, state or federal) online negotiation through step-by-step guidance and templates

Develop specifications

Align compliant specifications with institution (e.g., college wide network) or GPO needs by collaborating with experts and stakeholders

**Manage negotiation**Publish RFx to legally
prescribed channels or to preferred vendor list. Suppliers submit responses via online tools and collaboration

Monitor response

Review and compare submissions. Extend / pause event based on vendor responses

Analyze and award negotiations

Award business based on detailed bid analysis and collaborative review (e.g., purchasing committee)

Finalize contract

Streamline compliant contract creation by applying terms and conditions from negotiation event and exception-based approvals

**Ensure utilization** 

Realize contract savings by applying pricing and terms to covered purchases automatically. Continually analyze contract utilization

Product Mix: ERP Popular KPIs: Non-contract purchase rate, price savings amount











# **Requisition to Receipt**

## **Higher Education**

#### Raise requisitions

Create purchase automatically or easily locate intended goods and services from approved catalogs via consumer like Ul



## **Approve requisitions**

Route approvals automatically based on defined thresholds, approval hierarchies (e.g., head of department and faculty,) and purchase category. Automatically create commitment encumbrance(s)



## Create purchase orders

Automate purchase order creation based on negotiated pricing and contract terms.
Automatic liquidation of commitment encumbrance(s) and creation of obligation encumbrance(s)



# Approve purchase orders (optional)

Route approval automatically according to predefined business rules



# Dispatch purchase orders

Automatically deliver approved purchase orders via secure electronic channels or supplier portal



# Receive goods and services

Record goods received on campus or at designated sites. Approve invoices for services rendered to trigger automated matching











Cloud

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Internet of Things

Product Mix: ERP Popular KPIs: processing cost per purchase order, procurement cycle time

# **Supplier Return to Settlement**

**Higher Education** 

Request RMA
Institution or GPO
representative contacts supplier to authorize return. Enter return shipment and record RMA information



**Prepare material for Shipment** 

Consolidate and pack material from faculty / department / division, to be returned for credit



**Load material** 

Load the prepared material to the dock for shipment



Ship material

Ship material to be returned and notify supplier electronically





Receive material supplier (optional)

Receive replacement materials from suppliers to inventory or specific faculty / department / division location

Popular KPIs: return amount, no of return transactions



Record returns transactions

Settle outstanding balance with supplier. Automate recording returns for supplier performance analysis













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Internet of Things



Product Mix: ERP

# ORACLE

# Modern Best Practice for Higher Education -Student Affairs and Admissions

# **Digital Student to Lead**

## **Higher Education**

Capture Data

Centralize student data (e.g., college board, ACT / SAT response, social media, college fairs, and website queries) Social / Website
Listening

Monitor social media / website for prospective student digital body language, click history, requests for materials, etc. Research Student Prospects

Research behavior and identify division / department / faculty interests of prospective students

Nurture Student Prospects

Engage with student prospects by target messaging, instant engagement, direct

Engage Student Prospects

Share relevant digital content (e.g. personalized stories) with student prospects to articulate and promote the institution

Develop Initial
Dialog

Conduct dialog (e.g. direct conversation, email, etc.) and capture as much student information as possible

Create Lead

Generate lead and continue to nurture other prospects who are less engaged

Product Mix: Oracle Student Cloud Popular KPIs: Lead Rate/Month, Engagement Rate









# **Digital Student Lead to Applicant**

## **Higher Education**



## Capture student lead

Aggregate student leads across multiple channels (social, campaigns, events, etc.)



## Qualify student lead

Evaluate student leads and prioritize. Rank leads on relevant criteria (e.g., ACT / SAT scores, High School GPA, digital footprint)



#### Score student lead

Use rules-based nurturing. Assign students to recruiters and nurturing channels (e.g., face to face meeting, letter campaigns)



#### Assign and allocate

Assign scored leads to division / department / faculty based on student academic interest and student recruitment interaction



# Nurture potential applicants

Use pre-configured assessment templates to review student leads. Determine prospective student pool for further investment (e.g., campus visit, open houses)



## Convert applicants

Convert qualified leads to applicants

Product Mix: Oracle Student Cloud Popular KPIs: Applicant Conversion Rate, % of Lead to Applicant













# **Digital Student Relate to Retain**

**Higher Education** 

#### **Capture data**

Centralize student data and relevant communications from mid-term grades, tutoring / counseling center visits, attendance, social media, etc.



### **Identify factors**

Identify student success and risk behaviors. Create predictive models



#### Review digital body language

Insight-driven analysis to identify at risk students or groups. Alert message sent to mobile / desktop of faculty / staff / student



#### Create and launch retention programs

Shape communication plans, construct coaching templates, develop financial improvements and student intervention programs



Product Mix: Oracle Student Cloud

Popular KPIs: Student Attrition Rate, Graduation Rate

#### Validate retention effectiveness

Use at a glance dashboard analysis of program effectiveness for at risk student or groups. Review and repeat based on program feedback and outcomes













# ORACLE

# Modern Best Practice for Project Management

# **Initiation to Sponsored Project Plan**

Higher Education



Create sponsored projects from opportunities to track and plan engagements via multiple devices during the application cycle



Promote standardization and repeatability with template-driven sponsored project definition and streamlined sponsored project initiation processes



Specify sponsored project deliverables and prioritize requirements using flexible, multi-level requirements hierarchy

**Define sponsored** project plan tasks and schedule

> Schedule the sponsored project plan using the intuitive and interactive Gantt. Collaborate among the sponsored project team to ensure accuracy

Develop sponsored o project staffing plan

Identify resource needs, allocate resources to the sponsored project, or request best-fit resources by skills and availability. Gain visibility into project labor, resource capacity, and planned utilization across all devices

Manage sponsored project budget

Automatically generate budgets from baseline project plans and expedite budget maintenance with guided processes. Compare budget and actual costs to ensure compliance with legal accounting requirements (e.g., GAAP) across sponsored projects





Product Mix: ERP Cloud (Project Management) Popular KPIs: approval cycle time, project ROI, budget variance, no. of change requests



# **Sponsored Project Execution to Control**

**Higher Education** 



Collaborate on sponsored project tasks and daily work, deliverables, documents, and milestones, or propose new project scope. Manage and execute work socially, on the go and in real time



Progress tasks anywhere, as an integral part of work output, for immediate insight into sponsored project progress and earned value. Drive billing from progress



Use a step-by-step process to orchestrate and control changes to sponsored project scope. Raise and track change orders, assess impacts, obtain approvals, and track implementation

Determine sponsored project issues

Identify and document issues. Create action items for timely issue closure and collaborate socially to resolve issues. Use analytics to get visibility of issue statuss



Generate forecasts from published progress or sponsored project contracts. Evaluate impact of work estimates on forecasts to proactively take corrective action earlier



Spot sponsored project health anomalies in real time using exceptionbased insight into key performance indicators and project health trends. Take action to keep sponsored projects on track







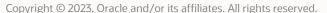


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Product Mix: ERP Cloud (Project Management)
Popular KPIs: % milestones completed on time, no. of schedule adjustments







# **Sponsored Project Expenditure to Cost Control**

## **Higher Education**



# Capture sponsored project costs

Standardize and automate cost collection for all sponsored project-related expenditures using transaction and budgetary controls. Capture billable, or internal sponsored project costs



# Process sponsored project cost transactions

Streamline import, validation, pricing, and burdening of project costs from multiple sources. Perform borrowed and lent processing for cross-charge printing



## Distribute overhead costs

Apply buildup of indirect costs to expenditure items to report and account for the total cost of a sponsored project



# Review and adjust project costs

Compare budgets and actual costs. Analyze account activity and reconcile balances. Perform online adjustments to recalculate or transfer costs



# Record accounting for project costs

Generate and post accounting entries for direct costs, indirect costs, borrowed or lent costs, adjustments, allocations, and accruals



# Allocate sponsored project costs (optional)

Allocate overhead costs such as salaries, administrative overhead, and equipment charges to sponsored projects that benefited from the expenditures











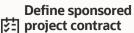
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Product Mix: ERP Cloud (Project Management, Financials)
Popular KPIs: budget variance, planned value, cost performance index



# **Sponsored Project Contract to Revenue**

**Higher Education** 



Simplify contract creation with templatedriven processes. Ensure billing and revenue recognition compliance while allowing project management autonomy

# Generate sponsored project invoices

Automatically generate external and internal invoices for scope of work according to contract terms, based on the costs incurred, milestone / percentage, business rules, etc.

# Review and manage invoices

Manage invoices, resolve processing exceptions, and preview pro forma invoices via a centralized work area. Summarize costs from multiple sponsored projects / contracts into one invoice

#### Release invoices

Transfer invoices to Receivables for processing and collection. Support customer specific currency and accounting representation requirements

# Manage sponsored project revenue

Generate external, inter-company, or inter-project revenue and recognize revenue in line with financial regulations (e.g. GAAP). Perform revenue trend analysis based on real time progress (e.g., expenses exceed contract, contract exceeds expenses)

# Manage contract lifecycle

Amend customer contracts with date-effective changes. Reflect new contract terms in applicable transactions

Product Mix: ERP Cloud Popular KPIs: budget variance, planned value, cost performance index









Cloud

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# **Grant Award Funding to Closeout**

# **Higher Education**

Receive award and fund sponsored projects

Create awards from templates or integrate with a proposal system and fund any number of sponsored projects. Allocate funding based on award periods across multiple devices

Manage award and

budget

Collaborate in-context on awards and sponsored projects. Apply budget by category and award period. Prevent overspend with an interactive funding matrix for cost control

Allocate direct and indirect costs

Calculate, apply, adjust, account and invoice direct and indirect costs at institution, department, or award specific rates award specific rates

Manage billing and drawdown

Invoice sponsors in their desired format (e.g. institution form, letter of credit)

Monitor award performance

Visualize current spending status and drill into funding, budget, commitment, expenditure details and all related conversations just from all devices Submit technical and financial reports

Comply with the billing and reporting requirements from sponsors and internal control via flexible reporting systems

Close award

Review award and sponsored project related activity, analytics, documents and conversations to ensure completeness and compliance

Product Mix: ERP Cloud Popular KPIs: award vs. spend, no. of compliance issues









# **Analysis to Sponsored Project Optimization**

Higher Education



Monitor sponsored project health and performance trends; take corrective action to resolve exceptions and optimize sponsored project financial performance



Perform real-time analysis on all aspects of sponsored project data including cost, revenue, margin, utilization and delivery effectiveness. Facilitate décision-making with analytics in the context of business transactions

Manage enterprise project hierarchy

Organize sponsored projects into an enterprise structure to deliver summarized insight for primary investigators, such as aggregated labor demand. Enable ad hoc queries on business performance at all levels of the sponsored project hierarchy

**Optimize sponsored** projects

Evaluate current sponsored projects and approve new work; close existing sponsored projects plus related contracts, incorporating best practices into sponsored project templates and documents

Product Mix: ERP Cloud (Project Management), EPM Cloud (Planning)
Popular KPIs: project ROI, budget variance, no. of change









# ORACLE

# Modern Best Practice for Higher Education-HR and Talent Management

## **Recruit to Onboard**

## **Higher Education**

#### Determine workforce need

Use workforce modeling and prediction to identify resource, budget and educational needs to support new degree programs (e.g. PhD chairs and faculty) and online curriculum, mitigate staff shortages such as Dean and VP exits, and realize potential adjunct and contingent faculty deployment options. Authorize job postings and requisitions



Leverage analytics, social media, current talent profiles, faculty network referrals (e.g. speaker series and conference attendance, knowledge exchanges), internal succession pipeline, job boards and agencies to find the right institution faculty and staff. Find candidates with the desire and potential to meet future needs such as expanding specialized degree programs

Intelligent screening

Identify faculty and staff prospects via multi-tiered automated screening and assessment tools. Review candidate's extra-curricular activities, background, qualifications, publications, academic appointments, certifications, and memberships (e.g. societies, accreditation boards, corporate boards). Determine desirable candidates and conduct interviews

#### **Generate Offer**

Select new hire, obtain required internal approvals and electronically confirm / deliver offer, including multi-step contract offers (e.g. adjunct faculty, re-appointments), along with handbook, contract, and union details for review and acceptance by new hire

#### **Onboard new hires**

Automate the completion of onboarding tasks with new hire portal and dashboards. Manage benefits, knowledge requirements and learning plans

### **Establish Assignments** and Compliance

Enable and equip new resources. Manage benefits, knowledge requirements, union and contract details, credentialing, and learning plans

Product Mix: HCM Cloud, EPM Cloud Popular KPIs: Time to Hire, # of Conversions of Channel X, Rate of Acceptance, % Employees Trained, Retirement Rate













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Big Data

# **Benefits to Payroll**

**Higher Education** 



### **Define benefits programs**

Define plans (e.g. fringe benefit entitlements), eligibility and assess likely cost. Reuse plan elements across institution campuses as needed. Manage local and state plans. Administer tuition waivers and sabbatical leaves



#### Process enrollment

Schedule annual / periodic enrollments for faculty and staff populations (e.g. tenured, adjunct). Process life events, on-demand requests and fringe pool allocations



#### Administer employee benefits

Prepare plans and manage faculty and staff self-service enrollments; integrate with state benefit programs



## **Notify providers**

Submit employee benefit enrollment information to 3rd party benefit providers. and / or state agencies



Automate post to payroll
Automate processing to payroll for the designated pay run. Ensure fringe pools are allocated correctly to funding sources outlined in cost accounting















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# **Payroll to Payment**

Higher Education

Manage and monitor payroll processes

Proactively monitor global payroll status and processes across all campus locations via interactive dashboards Rules-based validation

Data-driven verification of earnings, hours, local taxes and deductions – generate fast formulas for faculty contract pay (e.g. additional incentive compensation, multi-job FLSA OT, thresholds and limits for student pay and 12 month benefits for 9 month employees)

Schedule and distribute payments

Generate and distribute faculty and staff payments. Pass student wages to financial aid entities to reconcile educational grants versus financial aid disbursements to meet any threshold limitations

Finalize payroll reporting

Generate and securely share payroll reports, synchronize with general ledger. Push labor distribution details to cost accounting for tracking grants, fringe pool allocations, and other funds while supporting fund compliance with retroactivity

Tax and social compliance

**D**etermine tax liabilities, prepare tax filings and deposits

Maintain personal profile

Secure employee access to profile information, pay slips, etc. Review contract pay terms and renewal timelines

Product Mix: HCM Cloud Popular KPIs: Cycle Time To Process Payroll, Ratio of Salary Competitiveness, % of Cost of Workforce











# **Time Collection to Payroll**

## **Higher Education**



#### Time collection

Capture time through various collection devices or online methods. Configure union contract rules outlined in the MOU for time, compensation and payroll



#### Monitor time entries

Monitor time entries, statuses and processes via different calendar views. Identify any violations of MOU rules and regulations (e.g. discrimination) then log and track incidents to ensure compliance is met or matter resolved



#### Perform time calculation

Execute rule-based time processing and calculation such as by overtime, job categorization (e.g. tenure, adjunct, staff), responsibility (e.g. program lead, department chair) and department



#### Approve time

Manage approval of time (e.g. sick leave, grant work) entered by tenure, adjunct, staff, etc. Approve everything or only exceptions



#### **Transfer time to various** consumers

Finalize time to payroll, departments, grants, or any thirdparty application as appropriate. Submit required country-specific reports (e.g. USA; IPEDS, EEO) by collecting data such as time, payroll and job category details











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Popular KPIs: Cycle Time To Resolve Payroll Errors, Rate of Absenteeism, Rate of Approvals, % of Vacation Days Used

Product Mix: HCM Cloud

# **Goal Setting to Performance**

# **Higher Education**

Align Goals and Institution Objectives

Define and align employee goals to institution objectives (e.g. new degree or specialty programs, research projects, increase enrollment, satellite campus expansions).

Review goal progress with dashboards



Faculty and staff conduct self-evaluation to measure performance on goals and competencies. Update talent profile with competency and career goal changes (e.g. completed doctoral degree to achieve tenure status)

## **Draft objectives**

Faculty and staff reviews talent profile to cross reference evaluation with any relevant career goals. Employee shares with manager the first draft of objectives for achieving set goals (e.g. meet tenure track criteria, improve student satisfaction and retention, research projects)

# Solicit 3rd Party Feedback

Employee identifies and asks relevant 3rd parties (e.g. postdoctoral fellow, research project chair or partner) to provide feedback on individual

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collaboration to enhance goal
processes and increase
likelihood of success. Goal
processes can include
professional designations,
committee participation, (re)
certifications

Improve goal

attainment

# Evaluate employee performance

Review 3rd party feedback, perform a fit / gap analysis on relevant pre-defined competencies and update evaluation. Provide performance reviews, finalize evaluation, and update career plan

## Finalize goals

Agree and finalize objectives based on feedback

# Predict worker and team performance

Predict voluntary turnover by analyzing factors such as risk of leaving, tenure status and performance (specialty courses taught vs. student satisfaction scores) to take preemptory actions accordingly

Product Mix: HCM Cloud Popular KPIs: Rate of Internal Job Hires, % of Workforce Below Performance Standards













oud Mobile Analytics Social AI/ML Big Data



# **Career Planning to Development**

## **Higher Education**



#### **Establish career preferences**

Review / identify aspirational roles (e.g. tenured, research project chair, postdoctoral fellow) suggested by managers, HR, or HR system. Define desired professional designations, committee participation and (re) certifications



#### **Define talent profile**

Match skills, competencies, and content types such as degrees, licenses, certifications, publications, academic appointments and memberships (e.g. societies, accreditation and corporate boards). Identify gaps for desired role (e.g. complete doctoral degree to achieve tenure status)



#### **Define career goals**

Create personalized goalsincorporating blended learning programs, automated suggestions, and on-the-job training



#### Social learning

Use embedded secure social tools to foster institution-wide collaboration and real-time knowledge transfer



## Recognize career planning

Guide faculty and staff through career learning paths (e.g. meeting tenure track criteria) in talent review and personal career progression. Monitor and update regularly to incorporate new skills / experience



















## **Talent Review to Succession**

# **Higher Education**

## Review talent

Understand talent by reviewing licenses, certifications, career interests, publications, CVs and existing talent profiles generated via self-service or autopopulated from recruiting activities. Engage in insight-driven, collaborative, and interactive online discussions



#### Ranking and assessment

Use advanced visualization (e.g. interactive 9-box) and reporting to evaluate / calibrate faculty and administrative staff and assess factors such as potential, risk / impact of loss, tenure status, and performance. Compare and contrast staff capabilities



#### **Identify future talent** needs

Based on institution goals, identify short and long term talent needs (e.g. PhD shortages, Chancellor retirements, union negotiator, campus location expansions) across the institution (é.g. new degree program, Dean's office). Create talent pools (e.g. to track emerging leaders) or succession plans



#### **Placement**

Strategically place faculty and staff per ranking / assessment data into talent pools and succession slates, creating an internal pipeline of resources to fulfill potential talent gaps



Analyze talent pools
Automate the identification of talent pool member development needs to track their readiness



### Succession strength and ■ weakness

Analyze individual and workforce strengths and weaknesses to determine bench strength and succession slates. Re-evaluate faculty and staff using the 9-box as needed

Product Mix: HCM Cloud Popular KPIs: Internal Promotions vs. External Hires, Average Age of Retirement, Turnover Rate For Highest Performers













Mobile Analytics Social

Big Data

# **Absence Planning to Continuity**

## **Higher Education**



### **Define absence and leave plans**

Ensure compliance to regulations (e.g. union, state mandates) and institution policies (e.g. FTE criteria, sabbatical leave eligibilities) using insight-driven definitions of absence and leave plans, types and categories (e.g. manage eligibility across multiple appointments)



## Create absence rules and controls

Configure different absence and entitlement criteria (e.g. awards for tenure service), eligibility rules, and accrual definitions



#### **Enable employee self**service

Optimize employee absence entry through self-service dialogs and enter absence types (e.g. sabbaticals) accessible across any mobile device



#### Track absence balances

Calculate balances during the year to provide accurate information on leave balances for both employees and management. Review service credits toward absence for tenured faculty



#### Monitor absence trends and analysis

Analyze absence trends to provide organizational continuity guidance (e.g. analyze planned absences to ensure faculty coverage and minimize course cancellations)

Product Mix: HCM Cloud Popular KPIs: Rate of Absenteeism,









Mobile Analytics Social

# **Employee Insight to Work-Life Alignment**

## **Higher Education**

# Obtain Baseline and Set B Personal Goals

Leverage key insights to identify and set goals in alignment with personal and career aspirations (e.g. publications, appointments). Determine steps for attainment (e.g. classes, seminars, board of director member volunteer)

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### 

Design, track, measure, and evaluate trends and patterns of wellness activities using dynamic tools, including wearables and smart phone apps, to determine level of goal success

# Realize individuality and influence

Use collaboration tools to measure and analyze faculty and staff's character and influence across academic projects / activities. Ensure external media policy compliance to maintain university brand

# Identify development opportunities

Gain insight into staff effectiveness and adjust development plans and talent profiles as needed. Discover hidden skills and identify potential staff redeployments to fulfill project gaps

# Select Community Outreach Programs Engage in institution

Engage in institution promoted outreach projects (e.g. sponsored mission trips, study abroad programs, etc.) that are of interest and foster targeted career development successes (e.g. reimbursements for additional education)

# Participate in social O contests

Improve motivation and connect with coworkers by engaging in work-related competitions (e.g. volunteer hours, health goals, community pride), while sharing overall progress of personal goals and outreach work. Cultivate faculty and staff interest in HR selfservice (e.g. prompting them to ramp up talent profile)

#### 

Receive acknowledgment of goal attainment and progress that promote work-life alignment

Product Mix: HCM Cloud Popular KPIs: Percentage of Vacation Days Used, Employee Satisfaction Index,













Mobile Analytics Social

Internet of Things

Big Data



# **Employee Separation to Workforce Analysis**

# **Higher Education**



#### **Designate Employee for** Involuntary Separation (Optional)

Based on budgetary considerations or disciplinary and performance issues noted in employee records, select employee for involuntary termination. Ensuré compliance with union and legal policies. Create talent pools for desirable rehires



#### **Process employee Q**- separation

Complete employee separation process, incorporating organization, union / collective bargaining agreement, compliance board or government policies



#### Perform exit interview

Gain insight as to why the employee decided to leave if applicable and discuss offboarding matters using a checklist



#### Finalize compensation pay out

Automate processing and post final pay to payroll with verification and adjustments (e.g. severance policy dictated by unions, compliance boards or government) for scheduled or offcycle payroll runs



## Analyze workforce trends

Predict future workforce movement and prevent attrition by analyzing turnover factors using a variety of data such as job classification (e.g. tenured, adjunct, staff), department and location. Maintain the talent profile and exit interview data in order to continually identify rehires



Popular KPIs: Average Tenure, Retirement Rate, Attrition Rate, Diversity Rate, Number of Contractors, Voluntary Termination











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